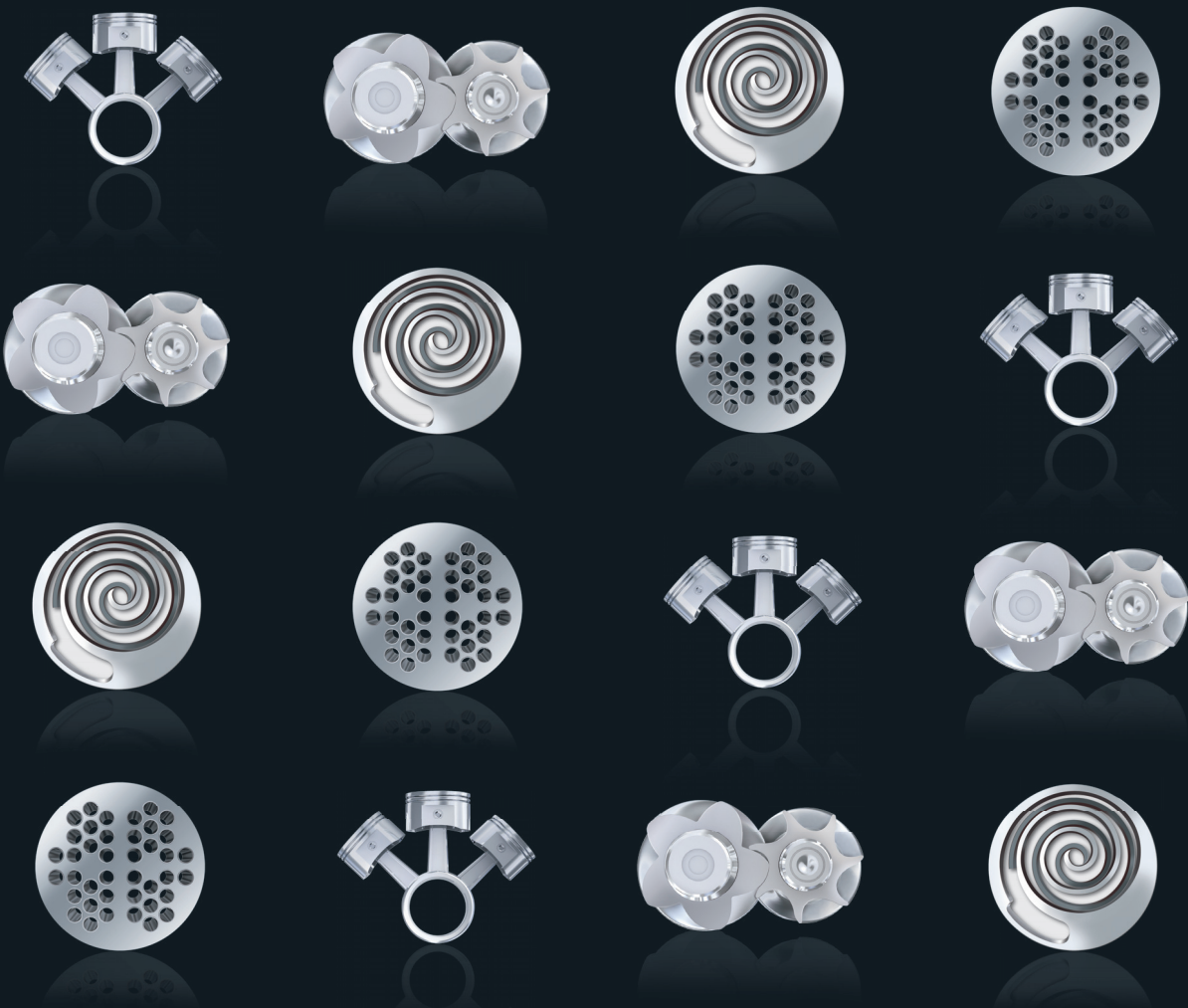




THE HEART OF FRESHNESS

PRICE LIST 2011



Valid from 01.01.2011, Prices in Euro, excluding VAT.
Previous price lists will become invalid.

A-901-2011

Price List 2011 – What is new regarding products and accessories?

Change of numbering order

Semi-Hermetic Reciprocating Compressors & Condensing Units

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Type	Price EUR	Additional Charges EUR													
		Compressor Standard Motor (1)	Motor for Special Voltage	Bearing Cover (9) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(9), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Start Unloader, Standard Coil (2)(7) & Disch. Temp. Control (w/o Check Valve)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (7)(8) for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	Additional Fan (5)(7)	Discharge Temperature Sensor (6)(7)	Enlarged Terminal Box for Operating Current > 40 A	Discharge Line
2KC-05.2	1.233,--	62,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2JC-07.2	1.247,--	62,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2HC-1.2	1.259,--	63,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2HC-2.2	1.285,--	64,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2GC-2.2	1.285,--	64,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2FC-2.2	1.342,--	67,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2FC-3.2	1.408,--	70,--	-	-	53,--	24,--	-	-	-	-	264,--	-	-	-	
2EC-2.2	1.882,--	94,--	-	-	65,--	44,--	-	-	-	-	312,--	-	60,--	-	
2EC-3.2	2.034,--	102,--	-	-	65,--	44,--	-	-	-	-	312,--	-	60,--	-	
2DC-2.2	1.960,--	98,--	-	-	65,--	44,--	-	-	-	-	312,--	-	60,--	-	
2DC-3.2	2.044,--	102,--	-	-	65,--	44,--	-	-	-	-	312,--	-	60,--	-	
2CC-3.2	2.034,--	102,--	-	-	65,--	44,--	-	-	-	-	312,--	-	60,--	-	
2CC-4.2	2.125,--	106,--	-	-	65,--	44,--	-	-	-	-	312,--	-	60,--	-	
4FC-3.2	2.212,--	111,--	46,--	205,--	65,--	53,--	477,--	48,--	126,--	321,--	401,--	131,--	60,--	-	
4FC-5.2	2.449,--	122,--	46,--	205,--	65,--	53,--	477,--	48,--	126,--	321,--	401,--	131,--	60,--	-	
4EC-4.2	2.267,--	113,--	46,--	205,--	65,--	53,--	477,--	48,--	126,--	321,--	401,--	131,--	60,--	-	
4EC-6.2	2.607,--	130,--	46,--	205,--	65,--	53,--	477,--	48,--	126,--	321,--	401,--	131,--	60,--	-	
4DC-5.2	2.864,--	143,--	46,--	205,--	65,--	53,--	477,--	48,--	145,--	321,--	401,--	131,--	60,--	-	
4DC-7.2	3.015,--	151,--	46,--	205,--	65,--	53,--	477,--	48,--	145,--	321,--	401,--	131,--	60,--	-	
4CC-6.2	3.152,--	158,--	46,--	205,--	65,--	53,--	477,--	48,--	145,--	321,--	401,--	131,--	60,--	-	
4CC-9.2	3.278,--	164,--	46,--	205,--	65,--	53,--	477,--	48,--	145,--	321,--	401,--	131,--	60,--	-	
OCTAGON Tandem Compressors															
22EC-4.2	3.841,--	192,--	-	-	130,--	88,--	-	-	-	-	624,--	-	120,--	-	
22EC-6.2	4.151,--	208,--	-	-	130,--	88,--	-	-	-	-	624,--	-	120,--	-	
22DC-4.2	3.997,--	200,--	-	-	130,--	88,--	-	-	-	-	624,--	-	120,--	-	
22DC-6.2	4.174,--	209,--	-	-	130,--	88,--	-	-	-	-	624,--	-	120,--	-	
22CC-6.2	4.151,--	208,--	-	-	130,--	88,--	-	-	-	-	624,--	-	120,--	-	
22CC-8.2	4.338,--	217,--	-	-	130,--	88,--	-	-	-	-	624,--	-	120,--	-	
44FC-6.2	4.514,--	226,--	92,--	410,--	130,--	106,--	954,--	48,--	252,--	321,--	802,--	262,--	120,--	91,--	
44FC-10.2	5.001,--	250,--	92,--	410,--	130,--	106,--	954,--	48,--	252,--	321,--	802,--	262,--	120,--	91,--	
44EC-8.2	4.625,--	231,--	92,--	410,--	130,--	106,--	954,--	48,--	252,--	321,--	802,--	262,--	120,--	91,--	
44EC-12.2	5.318,--	266,--	92,--	410,--	130,--	106,--	954,--	48,--	252,--	321,--	802,--	262,--	120,--	91,--	
44DC-10.2	5.843,--	292,--	92,--	410,--	130,--	106,--	954,--	48,--	290,--	321,--	802,--	262,--	120,--	125,--	
44DC-14.2	6.145,--	307,--	92,--	410,--	130,--	106,--	954,--	48,--	290,--	321,--	802,--	262,--	120,--	125,--	
44CC-12.2	6.429,--	321,--	92,--	410,--	130,--	106,--	954,--	48,--	290,--	321,--	802,--	262,--	120,--	125,--	
44CC-18.2	6.684,--	334,--	92,--	410,--	130,--	106,--	954,--	48,--	290,--	321,--	802,--	262,--	120,--	125,--	

Extent of delivery – Single compressor:

Compressor with built-in motor, oil charge, protective charge, suction and discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65.

Extent of delivery – Tandem compressor:

Compressor with 2 built-in motors, oil & protective charge, 1x suction & 2x discharge shut-off valves, 8 vibration dampers, motor with PTC sensors, 2x SE-B1, terminal box enclosure class IP 65.

(1) 230VΔ/380..420VY/3/50Hz, 440..480VY/3/60Hz

(2) Standard voltage 230V/1/50&60Hz

(3) 4FC-3.2..4CC-9.2: 1x capacity regulator (= 50%)

44FC-6.2..44CC-18.2: 2x capacity regulator (= 75/50/25%)

(4) 2KC-05.2..2FC-3.2: 0..60 W (PTC heater with temp. control)

2EC-2.2..4CC-9.2: 0..120 W (PTC heater with temp. control)

22EC-4.2..44CC-18.2: 2x 0..120 W (PTC heater with temp. control)

(5) Standard voltage 230V/1/50&60Hz

(6) Included in start unloader

(7) 2x with Tandem compressors

(8) Standard dimensions; a correction may be necessary, depending on operating conditions

(9) Oil level control requires special bearing cover (additional charge)



Type	Price EUR	Additional Charges EUR													
		Compressor Standard Motor	Crankcase Heater (2)(3)	Ester oil for HFC Refrigerants – Compressor Designation "Y"	Additional Fan (4)										
50 Hz Version – Standard voltage 230V/1/50Hz															
2HC-1.2E	1.422,--	53,--	24,--	264,--											
2HC-2.2E	1.484,--	53,--	24,--	264,--											
2GC-2.2E	1.484,--	53,--	24,--	264,--											
2FC-2.2E	1.541,--	53,--	24,--	264,--											
60 Hz Version – Standard voltage 208-230V/1/60Hz (1)															
2KC-05.2E	1.470,--	53,--	24,--	264,--											
2JC-07.2E	1.479,--	53,--	24,--	264,--											
2HC-1.2E	1.493,--	53,--	24,--	264,--											
2HC-2.2E	1.558,--	53,--	24,--	264,--											
2GC-2.2E	1.558,--	53,--	24,--	264,--											
2FC-2.2E	1.618,--	53,--	24,--	264,--											
2EC-3.2E	2.390,--	65,--	44,--	312,--											
2DC-3.2E (1)	2.401,--	65,--	44,--	312,--											
2CC-3.2E (1)	2.390,--	65,--	44,--	312,--											

Extent of delivery: Compressor with built-in motor, start relay, start & run capacitor, oil charge, protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65.

- (1) 2DC-3.2E & 2CC-3.2E: Standard voltage 230V/1/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 2KC-05.2 E..2FC-2.2 E: 0..60 W (PTC heater with temp. control)
2EC-3.2 E..2CC-3.2 E: 0..120 W (PTC heater with temp. control)
- (4) Standard voltage 230V/1/50&60Hz



Type	Price EUR	Additional Charges EUR																	
		Compressor Standard Motor (1)	Motor for Special Voltage	Electronic Oil Level Control OLC-K1 (2), not mounted	Oil Pressure Switch MP54 (2), not mounted	Electronic Oil Pressure Switch "Delta P" (2), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Start Unloader, Standard Coil (2) & Discharge Temp. Control (w/o Check Valve)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (8) for Start Unloading	1x Capacity Regulator, Standard Coil (2)(3)(9)	Additional Fan (5)	CIC-System (2)(6) "Controlled Injection Cooling"	Discharge Temperature Sensor (7)	Oil Service Valve	Discharge Line	Compressor Frame	
Type 4VCS-6.2 >> 4NCS-20.2 (Centrifugal Lubrication)																			
4VCS-6.2	4.126,--	206,--	205,--	-	-	65,--	63,--	477,--	48,--	145,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4VCS-10.2	4.295,--	215,--	205,--	-	-	65,--	63,--	477,--	48,--	145,--	321,--	401,--	-	131,--	70,--	-	-	-	-
4TCS-8.2	4.237,--	212,--	205,--	-	-	65,--	63,--	477,--	48,--	145,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4TCS-12.2	4.425,--	221,--	205,--	-	-	65,--	63,--	477,--	48,--	145,--	321,--	401,--	-	131,--	70,--	-	-	-	-
4PCS-10.2	4.603,--	230,--	205,--	-	-	65,--	63,--	477,--	48,--	311,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4PCS-15.2	4.805,--	240,--	205,--	-	-	65,--	63,--	477,--	48,--	311,--	321,--	401,--	-	131,--	70,--	-	-	-	-
4NCS-12.2	5.190,--	260,--	205,--	-	-	65,--	63,--	477,--	48,--	311,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4NCS-20.2	5.513,--	276,--	205,--	-	-	65,--	63,--	477,--	48,--	311,--	321,--	401,--	-	131,--	70,--	-	-	-	-
Type 4VC-6.2 >> 4NC-20.2 (Pump Lubrication)																			
4VC-6.2	4.310,--	216,--	-	226,--	205,--	65,--	63,--	477,--	48,--	145,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4VC-10.2	4.487,--	224,--	-	226,--	205,--	65,--	63,--	477,--	48,--	145,--	321,--	401,--	-	131,--	70,--	-	-	-	-
4TC-8.2	4.425,--	221,--	-	226,--	205,--	65,--	63,--	477,--	48,--	145,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4TC-12.2	4.622,--	231,--	-	226,--	205,--	65,--	63,--	477,--	48,--	145,--	321,--	401,--	-	131,--	70,--	-	-	-	-
4PC-10.2	4.808,--	240,--	-	226,--	205,--	65,--	63,--	477,--	48,--	311,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4PC-15.2	5.019,--	251,--	-	226,--	205,--	65,--	63,--	477,--	48,--	311,--	321,--	401,--	-	131,--	70,--	-	-	-	-
4NC-12.2	5.420,--	271,--	-	226,--	205,--	65,--	63,--	477,--	48,--	311,--	321,--	401,--	813,--	131,--	70,--	-	-	-	-
4NC-20.2	5.757,--	288,--	-	226,--	205,--	65,--	63,--	477,--	48,--	311,--	321,--	401,--	-	131,--	70,--	-	-	-	-
OCTAGON Tandem Compressors (Centrifugal Lubrication)																			
44VCS-12.2	8.246,--	412,--	410,--	-	-	130,--	145,--	954,--	48,--	290,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-
44VCS-20.2	8.582,--	429,--	410,--	-	-	130,--	145,--	954,--	48,--	290,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-
44TCS-16.2	8.467,--	423,--	410,--	-	-	130,--	145,--	954,--	48,--	290,--	321,--	802,--	on request	262,--	140,--	on request	298,--	-	-
44TCS-24.2	8.838,--	442,--	410,--	-	-	130,--	145,--	954,--	48,--	290,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-
44PCS-20.2	9.196,--	460,--	410,--	-	-	130,--	145,--	954,--	48,--	622,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-
44PCS-30.2	9.602,--	480,--	410,--	-	-	130,--	145,--	954,--	48,--	622,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-
44NCS-24.2	10.369,--	518,--	410,--	-	-	130,--	145,--	954,--	48,--	622,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-
44NCS-40.2	11.017,--	551,--	410,--	-	-	130,--	145,--	954,--	48,--	622,--	321,--	802,--	-	262,--	140,--	-	-	298,--	-

Extent of delivery – Single Compressor:

Compressor with built-in motor, oil & protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65.

- (1) 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 4VC(S)-6.2..4NC(S)-20.2: 1x capacity regulator (= 50%)
44VCS-12.2..44NCS-40.2: 2x capacity regulator (= 75/50/25%)
- (4) 4VC(S)-6.2..4NC(S)-20.2: 0..140 W (PTC heater with temp. control)
44VCS-12.2..44NCS-40.2: 2x 0..140 W (PTC heater with temp. control)
- (5) Standard voltage 230V/1/50&60Hz

- (6) Electronic control module & temperature sensor, mounted – impulse valve for refrigerant injection, not mounted – additional fan or installation in condenser airflow required
- (7) Included in CIC-System & start unloader
Tandem: 2 sensors (1 per compressor side)
- (8) Standard dimensions; a correction may be necessary, depending on operating conditions
- (9) With Tandem models identical number of capacity regulators must be mounted on both compressors

Extent of delivery – Tandem compressor:

Compressor with 2 built-in motors, oil & protective charge, 1x suction & 2x discharge shut-off valves, 8 vibration dampers, motor PTC sensors with 2x electronic control units SE-B1, terminal box enclosure class IP 65.



Type	Price EUR	Additional Charges EUR																	
		Compressor Standard Motor (1)	Motor for Special Voltage	Electronic Oil Level Control OLC-K1 (2), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation “Y”	Start Unloader, Standard Coil (2) & Discharge Temp. Control (w/o Check Valve)	Special Voltage Coil for Start Unloader	Check Valve (7) for Start Unloading	1x Capacity Regulator, Standard Coil (2)(3)(8)	1x Special Voltage Coil for Capacity Regulator	Additional Fan (5)	Discharge Temperature Sensor (6)	Oil Service Valve	Discharge Line	Compressor Frame			
Single Compressors																			
4VES-6Y	3.920,--	196,--	205,--	65,--	S	477,--	48,--	145,--	321,--	48,--	401,--	131,--	70,--	-	-				
4VES-10Y	4.081,--	204,--	205,--	65,--	S	477,--	48,--	145,--	321,--	48,--	401,--	131,--	70,--	-	-				
4TES-8Y	4.025,--	201,--	205,--	65,--	S	477,--	48,--	145,--	321,--	48,--	401,--	131,--	70,--	-	-				
4TES-12Y	4.203,--	210,--	205,--	65,--	S	477,--	48,--	145,--	321,--	48,--	401,--	131,--	70,--	-	-				
4PES-10Y	4.373,--	219,--	205,--	65,--	S	477,--	48,--	311,--	321,--	48,--	401,--	131,--	70,--	-	-				
4PES-15Y	4.565,--	228,--	205,--	65,--	S	477,--	48,--	311,--	321,--	48,--	401,--	131,--	70,--	-	-				
4NES-12Y	4.931,--	247,--	205,--	65,--	S	477,--	48,--	311,--	321,--	48,--	401,--	131,--	70,--	-	-				
4NES-20Y	5.237,--	262,--	205,--	65,--	S	477,--	48,--	311,--	321,--	48,--	401,--	131,--	70,--	-	-				
Tandem Compressors																			
44VES-12Y	7.834,--	392,--	410,--	130,--	S	954,--	96,--	290,--	321,--	48,--	802,--	262,--	140,--						298,--
44VES-20Y	8.153,--	408,--	410,--	130,--	S	954,--	96,--	290,--	321,--	48,--	802,--	262,--	140,--						298,--
44TES-16Y	8.042,--	402,--	410,--	130,--	S	954,--	96,--	290,--	321,--	48,--	802,--	262,--	140,--	on request					298,--
44TES-24Y	8.396,--	420,--	410,--	130,--	S	954,--	96,--	290,--	321,--	48,--	802,--	262,--	140,--						298,--
44PES-20Y	8.736,--	437,--	410,--	130,--	S	954,--	96,--	622,--	321,--	48,--	802,--	262,--	140,--						298,--
44PES-30Y	9.122,--	456,--	410,--	130,--	S	954,--	96,--	622,--	321,--	48,--	802,--	262,--	140,--						298,--
44NES-24Y	9.850,--	493,--	410,--	130,--	S	954,--	96,--	622,--	321,--	48,--	802,--	262,--	140,--						298,--
44NES-40Y	10.465,--	523,--	410,--	130,--	S	954,--	96,--	622,--	321,--	48,--	802,--	262,--	140,--						298,--

Prices for ECOLINE Compressors 4JE-13Y..66FE-100Y see page 13

Extent of delivery – Single Compressor

Compressor with built-in part winding motor (Y/Δ motor on request), oil charge, protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65.

Extent of delivery – Tandem Compressor:

Compressor with 2 built-in part winding motors (Y/Δ motor on request), oil charge, protective charge, 1x suction & 2x discharge shut-off valves, 8 vibration dampers, motor PTC sensors with 2x electronic control units SE-B1, terminal box enclosure class IP 65.

(1) 380..420VYY/3/50Hz, 440..480VYY/3/60Hz

(2) Standard voltage 230V/1/50&60Hz

(3) 4VES-6Y..4NES-20Y: 1x capacity regulator (= 50%)

44VES-12Y..44NES-40Y: 2x capacity regulator (= 75/50/25%)

(4) 4VES-6Y..4NES-20Y: 0..140 W (PTC heater with temp. control)

44VES-12Y..44NES-40Y: 2x 0..140 W (PTC heater with temp. control)

(5) Standard voltage 230V/1/50&60Hz

(6) Included in start unloader

(7) Standard dimensions; a correction may be necessary, depending on operating conditions

(8) With Tandem models identical number of capacity regulators must be mounted on both compressors



Type	Price EUR	Additional Charges EUR																	
		Motor for Special Voltage	Bearing Cover (8) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(8), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants	Start Unloader, Standard Coil (2)(7) & Disch. Temp. Control (w/o Check Valve)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (7) for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	Additional Fan (5)	Discharge Temperature Sensor (6)	Enlarged Terminal Box for Operating Current > 40 A						
4FDC-5Y	2.941,--	147,--	5	205,--	65,--	5	477,--	48,--	126,--	321,--	401,--	131,--	60,--						
4EDC-6Y	3.130,--	157,--	5	205,--	65,--	5	477,--	48,--	126,--	321,--	401,--	131,--	60,--						
4DDC-7Y	3.616,--	181,--	5	205,--	65,--	5	477,--	48,--	145,--	321,--	401,--	131,--	60,--						
4CDC-9Y	3.936,--	197,--	5	205,--	65,--	5	477,--	48,--	145,--	321,--	401,--	131,--	60,--						
4VDC-10Y	4.940,--	247,--	5	205,--	65,--	5	477,--	48,--	145,--	321,--	401,--	131,--							
4TDC-12Y	5.088,--	254,--	5	205,--	65,--	5	477,--	48,--	145,--	321,--	401,--	131,--							
4PDC-15Y	5.527,--	276,--	5	205,--	65,--	5	477,--	48,--	311,--	321,--	401,--	131,--							
4NDC-20Y	6.343,--	317,--	5	205,--	65,--	5	477,--	48,--	311,--	321,--	401,--	131,--							

Extent of delivery:

Compressor with built-in motor, oil charge, protective charge, suction and discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65.

- (1) 4FDC-5Y..4CDC-9Y: 230VΔ/380..420VY/3/50Hz, 440..480VY/3/60Hz
4VDC-10Y..4NDC-20Y: 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 1x capacity regulator (= 50%)
- (4) 4FDC-5Y..4CDC-9Y: 0..120 W (PTC heater with temp. control)
4VDC-10Y..4NDC-20Y: 0..140 W (PTC heater with temp. control)

- (5) Standard voltage 230V/1/50&60Hz
- (6) Included in start unloader
- (7) Standard dimensions; a correction may be necessary, depending on operating conditions
- (8) Oil level control requires special bearing cover (additional charge)



Type	Price EUR	Additional Charges EUR															
		Compressor (1) incl. Motor and Integral Frequency Inverter	Bearing Cover (4) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(4), not mounted	Crankcase Heater (2)(3)	Ester Oil for HFC Refrigerants	Additional Fan (2)	Discharge Temperature Sensor	Sound Jacket (5)								
2DC-3.F1Y	5.172,--	-	-	65,--	0	312,--	-	-									
4FC-5.F1Y	5.715,--	46,--	205,--	65,--	0	401,--	131,--	560,--									
4EC-6.F1Y	5.878,--	46,--	205,--	65,--	0	401,--	131,--	560,--									
4DC-7.F1Y	6.298,--	46,--	205,--	65,--	0	401,--	131,--	560,--									
4DC-7.F3Y	6.670,--	46,--	205,--	65,--	0	401,--	131,--	560,--									
4CC-6.F1Y	6.441,--	46,--	205,--	65,--	0	401,--	131,--	560,--									
4CC-9.F3Y	6.799,--	46,--	205,--	65,--	0	401,--	131,--	560,--									
4VES-6.F3Y	7.335,--	0	205,--	65,--	0	401,--	131,--	-									
4VCS-10.F4Y	8.608,--	0	205,--	65,--	0	401,--	131,--	-									
4TES-8.F3Y	7.440,--	0	205,--	65,--	0	401,--	131,--	-									
4TCS-12.F4Y	8.738,--	0	205,--	65,--	0	401,--	131,--	-									
4PES-10.F3Y	7.788,--	0	205,--	65,--	0	401,--	131,--	-									
4PCS-15.F4Y	9.118,--	0	205,--	65,--	0	401,--	131,--	-									
4NES-12.F3Y	8.346,--	0	205,--	65,--	0	401,--	131,--	-									
4NCS-20.F4Y	9.826,--	0	205,--	65,--	0	401,--	131,--	-									

Extent of delivery:

Compressor with built-in motor and integral frequency inverter for stepless capacity control, oil charge, protective charge, suction and discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65.

- (1) 380..480V/3/50Hz, 380..480V/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 2DC-3.F1Y..4CC-9.F3Y: 0..120 W (PTC heater with temp. control)
4VES-6.F3Y..4NCS-20.F4Y: 0..140 W (PTC heater with temp. control)
- (4) 4FC-5.F1Y..4CC-9.F3Y: Oil level control requires special bearing cover (additional charge)
- (5) Only for use in HT (R134a) and MT (R134a, R404A)



Type	Price EUR	Additional Charges EUR																
		Compressor Standard Motor (1)	Motor for Special Voltage	Oil Pressure Switch MP54 (2), not mounted	Electronic Oil Pressure Switch "Delta P" (2), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants - Compressor Designation "Y"	Start Unloader, Standard Coil (2) & Discharge Temp. Control (w/o Check Valve)	Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (10) for Start Unloader	Capacity Regulator, Standard Coil (2)(3)	Additional Fan (5)	CIC-System (2)(6) "Controlled Injection Cooling"	IP 66 Terminal Box	Discharge Temperature Sensor (7)	Oil & Gas Equalizing Fittings (8), for Parallel Operation, not mounted	Oil Service Valve (not with Oil & Gas Equalizing Fittings)	Water-cooled Cylinder Heads (9)
4Z-5.2	4.330,-	217,-	226,-	205,-	70,-	66,-	477,-	48,-	145,-	321,-	401,-	813,-	238,-	131,-	60,-	70,-	140,-	214,-
4Z-8.2	4.469,-	223,-	226,-	205,-	70,-	66,-	477,-	48,-	145,-	321,-	401,-	-	238,-	131,-	60,-	70,-	140,-	214,-
4V-6.2	4.626,-	231,-	226,-	205,-	70,-	66,-	477,-	48,-	145,-	321,-	401,-	813,-	238,-	131,-	60,-	70,-	140,-	214,-
4V-10.2	4.815,-	241,-	226,-	205,-	70,-	66,-	477,-	48,-	145,-	321,-	401,-	-	238,-	131,-	60,-	70,-	140,-	214,-
4T-8.2	4.751,-	238,-	226,-	205,-	70,-	66,-	477,-	48,-	145,-	321,-	401,-	813,-	238,-	131,-	60,-	70,-	140,-	214,-
4T-12.2	4.957,-	248,-	226,-	205,-	70,-	66,-	477,-	48,-	145,-	321,-	401,-	-	238,-	131,-	60,-	70,-	140,-	214,-
4P-10.2	5.161,-	258,-	226,-	205,-	70,-	66,-	477,-	48,-	311,-	321,-	401,-	813,-	238,-	131,-	60,-	70,-	140,-	214,-
4P-15.2	5.385,-	269,-	226,-	205,-	70,-	66,-	477,-	48,-	311,-	321,-	401,-	-	238,-	131,-	60,-	70,-	140,-	214,-
4N-12.2	5.818,-	291,-	226,-	205,-	70,-	66,-	477,-	48,-	311,-	321,-	401,-	813,-	238,-	131,-	60,-	70,-	140,-	214,-
4N-20.2	6.180,-	309,-	226,-	205,-	70,-	66,-	477,-	48,-	311,-	321,-	401,-	-	238,-	131,-	60,-	70,-	140,-	214,-

Extent of delivery: Compressor with built-in motor, oil charge, protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B2, terminal box enclosure class IP 54.

- (1) 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 1x capacity regulator (= 50%)
- (4) 100 W
- (5) Standard voltage:
230VΔ/380..420VY/3/50Hz, 440..480VY/3/60Hz

- (6) Electronic control module & temperature sensor, mounted - impulse valve for refrigerant injection, not mounted - additional fan or installation in condenser airflow required
- (7) Included in CIC-System & start unloader
- (8) 2x screw sockets for tube 5/8" (Part No. **369 000-02**)
- (9) All cylinder heads
- (10) Standard dimensions; a correction may be necessary, depending on operating conditions



Type	Price EUR	Additional Charges EUR																
		TÜV Approval (1) – Charges for Preparation (Approval Cost on Expense)	Special Painting	Conversion Kit for Marine Application	Ester Oil (HFC Refrigerants) with Conversion Kit for Marine Application	Start Unloader (SU) Prepared, without Control Valve	Discharge Temperature Sensor for SU	Control Valve, Standard Coil for SU	Special Voltage Coil, for SU	1x Capacity Regulator (CR), Prepared without Control Valve	Control Valve, Standard Coil for 1x CR	Special Voltage Coil, for 1x CR	without Vibration Dampers	without Suction Shut-off Valve, with Flange & Solder Bushing				
4FC-3.2	2.212,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4FC-5.2	2.449,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4EC-4.2	2.267,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4EC-6.2	2.607,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	(2)					
4DC-5.2	2.864,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4DC-7.2	3.015,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4CC-6.2	3.152,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4CC-9.2	3.278,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--						
4VCS-6.2 (3)	4.126,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4VCS-10.2	4.295,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4TCS-8.2	4.237,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4TCS-12.2	4.425,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4PCS-10.2	4.603,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4PCS-15.2	4.805,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4NCS-12.2	5.190,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-75,--				
4NCS-20.2	5.513,--	1.063,--	366,--	-	-	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-75,--				
4Z-5.2	4.330,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4Z-8.2	4.469,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4V-6.2	4.626,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4V-10.2	4.815,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4T-8.2	4.751,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4T-12.2	4.957,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4P-10.2	5.161,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4P-15.2	5.385,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-				
4N-12.2	5.818,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-75,--				
4N-20.2	6.180,--	1.063,--	366,--	443,--	82,--	116,--	131,--	230,--	48,--	76,--	245,--	48,--	-23,--	-75,--				

Extent of delivery, details on standard voltage, start unloader & capacity control: see pages 4, 6 and 10

(1) Special approval (on request)
TÜV = Technischer Überwachungsverein

(2) Spacer elements instead of vibration dampers
(3) Special accessories for 4VC..4NC models are identical



Type	Price EUR	Additional Charges EUR																				
		Compressor Standard Motor (1)	Motor for Special Voltage	Bridges for DOL Start (11)	Oil Pressure Safety Switch MP54 (2), not mounted	Electronic Oil Pressure Switch "Delta P" (2), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Start Unloader, Standard Coil (2) & Discharge Temp. Control (w/o Check Valve)	Special Voltage Coil for Start Unloader	Check Valve (10) for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)(12)	1x Special Voltage Coil for Capacity Regulator	Additional Fan (5)	CIC-System (2)(6) "Controlled Injection Cooling"	IP 66 Terminal Box	Discharge Temperature Sensor (7)	Oil & Gas Equalizing Fittings (8), for Parallel Operation, not mounted	Oil Service Valve (not with Oil & Gas Equalizing Fittings)	Water-cooled Cylinder Heads (9)	Seawater Resistant Coated Cylinder Heads (9)	Discharge Line, with Muffler
4J-13.2	6.822,--	341,--	-	226,--	205,--	74,--	97,--	502,--	48,--	311,--	331,--	48,--	401,--	896,--	238,--	131,--	60,--	70,--	158,--	212,--	-	-
4J-22.2	7.178,--	359,--	-	226,--	205,--	74,--	97,--	502,--	48,--	311,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	158,--	212,--	-	-
4H-15.2	6.838,--	342,--	-	226,--	205,--	74,--	97,--	502,--	48,--	311,--	331,--	48,--	401,--	896,--	238,--	131,--	60,--	70,--	158,--	212,--	-	-
4H-25.2	7.197,--	360,--	-	226,--	205,--	74,--	109,--	502,--	48,--	311,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	158,--	212,--	-	-
4G-20.2	7.682,--	384,--	-	226,--	205,--	74,--	109,--	502,--	48,--	311,--	331,--	48,--	401,--	896,--	238,--	131,--	60,--	70,--	158,--	212,--	-	-
4G-30.2	8.004,--	400,--	-	226,--	205,--	74,--	109,--	502,--	48,--	311,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	158,--	212,--	-	-
6J-22.2	8.446,--	422,--	-	226,--	205,--	74,--	114,--	502,--	48,--	358,--	331,--	48,--	401,--	1.039,--	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6J-33.2	9.716,--	486,--	-	226,--	205,--	74,--	114,--	502,--	48,--	358,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6H-25.2	8.707,--	435,--	-	226,--	205,--	74,--	114,--	502,--	48,--	358,--	331,--	48,--	401,--	1.039,--	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6H-35.2	9.995,--	500,--	-	226,--	205,--	74,--	114,--	502,--	48,--	358,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6G-30.2	9.995,--	500,--	-	226,--	205,--	74,--	114,--	502,--	48,--	358,--	331,--	48,--	401,--	1.039,--	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6G-40.2	10.682,--	534,--	-	226,--	205,--	74,--	114,--	502,--	48,--	358,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6F-40.2	12.128,--	606,--	-	226,--	205,--	74,--	114,--	502,--	48,--	546,--	331,--	48,--	401,--	1.039,--	238,--	131,--	60,--	70,--	237,--	318,--	-	-
6F-50.2	12.457,--	623,--	-	226,--	205,--	74,--	114,--	502,--	48,--	546,--	331,--	48,--	401,--	-	238,--	131,--	60,--	70,--	237,--	318,--	-	-
8GC-50.2	14.909,--	745,--	25,--	226,--	205,--	74,--	118,--	-	-	-	331,--	48,--	-	-	-	131,--	-	-	-	-	-	-
8GC-60.2	15.253,--	763,--	25,--	226,--	205,--	74,--	118,--	-	-	-	331,--	48,--	-	-	-	131,--	-	-	-	-	-	-
8FC-60.2	15.786,--	789,--	25,--	226,--	205,--	74,--	118,--	-	-	-	331,--	48,--	-	-	-	131,--	-	-	-	-	-	-
8FC-70.2	16.573,--	829,--	25,--	226,--	205,--	74,--	118,--	-	-	-	331,--	48,--	-	-	-	131,--	-	-	-	-	-	-
44J-26.2	14.039,--	702,--	-	452,--	410,--	148,--	194,--	1.004,--	96,--	622,--	331,--	48,--	802,--	1.792,--	476,--	262,--	120,--	140,--	316,--	424,--	754,--	1.732,--
44J-44.2	15.527,--	776,--	-	452,--	410,--	148,--	194,--	1.004,--	96,--	622,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	316,--	424,--	754,--	1.732,--
44H-30.2	14.078,--	704,--	-	452,--	410,--	148,--	194,--	1.004,--	96,--	622,--	331,--	48,--	802,--	1.792,--	476,--	262,--	120,--	140,--	316,--	424,--	754,--	1.732,--
44H-50.2	15.562,--	778,--	-	452,--	410,--	148,--	218,--	1.004,--	96,--	622,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	316,--	424,--	754,--	1.732,--
44G-40.2	15.999,--	800,--	-	452,--	410,--	148,--	218,--	1.004,--	96,--	622,--	331,--	48,--	802,--	1.792,--	476,--	262,--	120,--	140,--	316,--	424,--	754,--	1.732,--
44G-60.2	16.636,--	832,--	-	452,--	410,--	148,--	218,--	1.004,--	96,--	622,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	316,--	424,--	754,--	1.732,--
66J-44.2	17.577,--	879,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	716,--	331,--	48,--	802,--	2.078,--	476,--	262,--	120,--	140,--	474,--	636,--	783,--	1.953,--
66J-66.2	20.111,--	1.006,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	716,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	474,--	636,--	783,--	1.953,--
66H-50.2	18.102,--	905,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	716,--	331,--	48,--	802,--	2.078,--	476,--	262,--	120,--	140,--	474,--	636,--	783,--	1.953,--
66H-70.2	20.677,--	1.034,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	716,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	474,--	636,--	783,--	1.953,--
66G-60.2	20.677,--	1.034,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	716,--	331,--	48,--	802,--	2.078,--	476,--	262,--	120,--	140,--	474,--	636,--	783,--	1.953,--
66G-80.2	22.050,--	1.103,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	716,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	474,--	636,--	783,--	1.953,--
66F-80.2	24.948,--	1.247,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	1.092,--	331,--	48,--	802,--	2.078,--	476,--	262,--	120,--	140,--	474,--	636,--	1.103,--	2.738,--
66F-100.2	25.607,--	1.280,--	-	452,--	410,--	148,--	228,--	1.004,--	96,--	1.092,--	331,--	48,--	802,--	-	476,--	262,--	120,--	140,--	474,--	636,--	1.103,--	2.738,--

Extent of delivery - Single Compressor:

Compressor with built-in part-winding motor, (Y/Δ motor on request), oil charge, protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B2, terminal box enclosure class IP 54, built-in pressure relief valve.

Extent of delivery - Tandem Compressor:

Compressor with 2 built-in part-winding motors, (Y/Δ motor on request), oil charge, protective charge, 1x suction & 2x discharge shut-off valves, base frame with 8 vibration dampers, motor PTC sensors with electronic control unit SE-B2, terminal box enclosure class IP 54, 2 built-in pressure relief valves.

- (1) 4J-13.2..6F-40.2: 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
8GC-50.2..8FC-70.2: 380..420VΔΔ/3/50Hz, 440..480VΔΔ/3/60Hz
44J-26.2..66F-80.2: 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
6F-50.2 & 66F-100.2: 380..400VYY/3/50Hz, 440..460VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 4J-13.2..4F-25.2Y: 1x capacity regulator (= 50%)
6J-22.2..6F-50.2: 2x capacity regulator (= 66/33%)
8GC-50.2..8FC-70.2: 2x capacity regulator (= 75/50%)
44J-26.2..44G-60.2: 2x capacity regulator (= 75/50/25%)
66J-44.2..66F-100.2: 4x capacity regulator (= 83/66/50/33/16%)
- (4) 4J-13.2..8FC-70.2: 140 W, 44J-26.2..66F-100.2: 2x 140 W
- (5) Standard voltage 230VΔ/400Y/3/50Hz, 440..480V/3/60Hz
- (6) Electronic control module & temperature sensor, mounted – Impulse valve for refrigerant injection, not mounted – additional fan or installation in condenser airflow required
- (7) Included in CIC-System & start unloader
- (8) Oil: 1x screw socket for tube 5/8"
Gas: 1x screw socket for tube 7/8" (Set Part No. **369 000-03**)
- (9) All cylinder heads
- (10) Standard dimensions; a correction may be necessary, depending on operating conditions
- (11) Standard for 4J-13.2..6F-50.2 and 44J-26.2..66F-100.2
- (12) With Tandem models identical number of capacity regulators must be mounted on both compressors



Type	Price EUR		Additional Charges EUR																
	Compressor Standard Motor (1)	Motor for Special Voltage	Oil Pressure Switch MP54 (2), not mounted	Electronic Oil Pressure Switch "Delta P" (2), not mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compr. Designation "V"	Start Unloader, Standard Coil (2) & Discharge Temp. Control (w/o Check Valve)	Special Voltage Coil for Start Unloader	Check Valve (7) for Start Unloading	1x Capacity Regulator, Standard Coil (2)(3)(10)	1x Special Voltage Coil for Capacity Regulator	Additional Fan (5)	Discharge Temperature Sensor (6)	Oil & Gas Equalizing Fittings (8), for Parallel Operation, not mounted	Oil Service Valve (9)	Discharge Line, with Muffler	Discharge Line, with Muffler & 2 Check Valves		
Single Compressors																			
4JE-13Y	6.481,--	324,--	226,--	205,--	74,--	S	502,--	48,--	311,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4JE-22Y	6.820,--	341,--	226,--	205,--	74,--	S	502,--	48,--	311,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4HE-15Y	6.496,--	325,--	226,--	205,--	74,--	S	502,--	48,--	311,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4HE-25Y	6.837,--	342,--	226,--	205,--	74,--	S	502,--	48,--	311,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4GE-20Y	7.298,--	365,--	226,--	205,--	74,--	S	502,--	48,--	311,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4GE-30Y	7.603,--	380,--	226,--	205,--	74,--	S	502,--	48,--	311,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4FE-25Y	7.589,--	379,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
4FE-35Y	7.907,--	395,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6JE-22Y	8.024,--	401,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6JE-33Y	9.230,--	462,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6HE-25Y	8.271,--	414,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6HE-35Y	9.496,--	475,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6GE-30Y	9.496,--	475,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6GE-40Y	10.148,--	507,--	226,--	205,--	74,--	S	502,--	48,--	358,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6FE-40Y	11.522,--	576,--	226,--	205,--	74,--	S	502,--	48,--	546,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
6FE-50Y	11.834,--	592,--	226,--	205,--	74,--	S	502,--	48,--	546,--	331,--	48,--	401,--	131,--	60,--	70,--	-	-		
Tandem Compressors																			
44JE-26Y	13.357,--	668,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44JE-44Y	14.810,--	741,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44HE-30Y	13.394,--	670,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44HE-50Y	14.843,--	742,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44GE-40Y	15.231,--	762,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44GE-60Y	15.834,--	792,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44FE-50Y	15.805,--	790,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
44FE-70Y	16.442,--	822,--	452,--	410,--	148,--	S	1.004,--	96,--	622,--	331,--	48,--	802,--	262,--	120,--	140,--	754,--	1.732,--		
66JE-44Y	16.732,--	837,--	452,--	410,--	148,--	S	1.004,--	96,--	716,--	331,--	48,--	802,--	262,--	120,--	140,--	783,--	1.953,--		
66JE-66Y	19.138,--	957,--	452,--	410,--	148,--	S	1.004,--	96,--	716,--	331,--	48,--	802,--	262,--	120,--	140,--	783,--	1.953,--		
66HE-50Y	17.231,--	862,--	452,--	410,--	148,--	S	1.004,--	96,--	716,--	331,--	48,--	802,--	262,--	120,--	140,--	783,--	1.953,--		
66HE-70Y	19.678,--	984,--	452,--	410,--	148,--	S	1.004,--	96,--	716,--	331,--	48,--	802,--	262,--	120,--	140,--	783,--	1.953,--		
66GE-60Y	19.678,--	984,--	452,--	410,--	148,--	S	1.004,--	96,--	716,--	331,--	48,--	802,--	262,--	120,--	140,--	783,--	1.953,--		
66GE-80Y	20.981,--	1.049,--	452,--	410,--	148,--	S	1.004,--	96,--	716,--	331,--	48,--	802,--	262,--	120,--	140,--	783,--	1.953,--		
66FE-80Y	23.734,--	1.187,--	452,--	410,--	148,--	S	1.004,--	96,--	1.092,--	331,--	48,--	802,--	262,--	120,--	140,--	1.103,--	2.738,--		
66FE-100Y	24.361,--	1.218,--	452,--	410,--	148,--	S	1.004,--	96,--	1.092,--	331,--	48,--	802,--	262,--	120,--	140,--	1.103,--	2.738,--		

Extent of delivery – Single Compressor:

Compressor with built-in part winding motor (Y/Δ motor on request), oil charge, protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B2, terminal box enclosure class IP 54. built-in pressure relief valve.

Extent of delivery – Tandem Compressor:

Compressor with 2 built-in part winding motors (Y/Δ motor on request), oil charge, protective charge, 1x suction & 2x discharge shut-off valves, base frame, 8 vibration dampers, motor PTC sensors with 2x electronic control units SE-B2, terminal box IP 54. built-in pressure relief valve.

(1) 380..420VYY/3/50Hz, 440..480VYY/3/60Hz

(2) Standard voltage 230V/1/50&60Hz

(3) 4JE-13Y..4FE-30Y: 1x capacity regulator (= 50%)

6JE-22Y..6FE-50Y: 2x capacity regulator (= 66/33%)

44JE-26Y..44GE-60Y: 2x capacity regulator (= 75/50/25%)

66JE-44Y..66FE-100Y: 4x capacity regulator (= 83/66/50/33/16%)

(4) 4JE-13Y..6FE-50Y: 140 W

44JE-26Y..66FE-100Y: 2x 140 W

(5) Standard voltage 230VΔ/400Y/3/50Hz, 440..480V/3/60Hz

(6) Included in start unloader

(7) Standard dimensions; a correction may be necessary, depending on operating conditions

(8) Oil: 1x screw socket for tube 5/8"

Gas: 1x screw socket for tube 7/8" (Set Part No. 369 000-03)

(9) Not possible with oil & gas equalizing fittings

(10) With Tandem models identical number of capacity regulators must be mounted on both compressors



Type	Price EUR	Additional Charges EUR													
		Compressor Standard Motor	TÜV Approval (1) – Charges for Preparation (Approval Cost on Expense)	Special Painting	Conversion Kit for Marine Application	Ester Oil (HFC Refrigerants) with Conversion Kit for Marine Application	Start Unloader (SU) Prepared, without Control Valve	Discharge Temperature Sensor for SU	Control Valve, Standard Coil for SU	Special Voltage Coil, for SU	1x Capacity Regulator (CR), Prepared without Control Valve (2)	Control Valve, Standard Coil for 1x CR (2)	Special Voltage Coil, for 1x CR	without Vibration Dampers	without Suction Shut-off Valve, with Flange & Solder Bushing
4J-13.2	6.822,--	1.196,--	366,--	591,--	138,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-75,--	
4J-22.2	7.178,--	1.196,--	366,--	591,--	138,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-75,--	
4H-15.2	6.838,--	1.196,--	366,--	591,--	138,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-75,--	
4H-25.2	7.197,--	1.196,--	366,--	591,--	143,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
4G-20.2	7.682,--	1.196,--	366,--	591,--	143,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
4G-30.2	8.004,--	1.196,--	366,--	591,--	143,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6J-22.2	8.446,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6J-33.2	9.716,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6H-25.2	8.707,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6H-35.2	9.995,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6G-30.2	9.995,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6G-40.2	10.682,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6F-40.2	12.128,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
6F-50.2	12.457,--	1.196,--	366,--	591,--	149,--	124,--	131,--	247,--	48,--	84,--	247,--	48,--	-23,--	-107,--	
8GC-50.2	14.909,--	1.196,--	366,--	-	-	-	-	-	48,--	84,--	247,--	48,--	-23,--	-247,--	
8GC-60.2	15.253,--	1.196,--	366,--	-	-	-	-	-	48,--	84,--	247,--	48,--	-23,--	-247,--	
8FC-60.2	15.786,--	1.196,--	366,--	-	-	-	-	-	48,--	84,--	247,--	48,--	-23,--	-247,--	
8FC-70.2	16.573,--	1.196,--	366,--	-	-	-	-	-	48,--	84,--	247,--	48,--	-23,--	-247,--	
44J-26.2	14.039,--	1.787,--	732,--	1.182,--	276,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
44J-44.2	15.527,--	1.787,--	732,--	1.182,--	276,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
44H-30.2	14.078,--	1.787,--	732,--	1.182,--	276,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
44H-50.2	15.562,--	1.787,--	732,--	1.182,--	286,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
44G-40.2	15.999,--	1.787,--	732,--	1.182,--	286,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
44G-60.2	16.636,--	1.787,--	732,--	1.182,--	286,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66J-44.2	17.577,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66J-66.2	20.111,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66H-50.2	18.102,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66H-70.2	20.677,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66G-60.2	20.677,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66G-80.2	22.050,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66F-80.2	24.948,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	
66F-100.2	25.607,--	2.023,--	732,--	1.182,--	298,--	248,--	262,--	494,--	96,--	84,--	247,--	48,--	-46,--	-	

Extent of delivery, details on standard voltage, start unloader & capacity control: see page 12

(1) Special approval (on request)
TÜV = Technischer Überwachungsverein

(2) With Tandem models identical number of capacity regulators must be mounted on both compressors



Type	Price EUR	Additional Charges EUR													
		Compressor Standard Motor (1)	Motor for Special Voltage	Oil Pressure Switch MP54 (2), not mounted	Electronic Oil Pressure Switch "Delta P" (2), not mounted	Crankcase Heater (2)(3)	Ester Oil for HFC Refrigerants Compressor Designation "Y"	Liquid Subcooler, not mounted (2)(5)	Liquid Subcooler, mounted (2)(5)	Liquid Subcooler, Assembly Kit, not mounted (2)(5)	INT 389 Motor Protection Device (instead of SE-B2) (2)	IP 66 Terminal Box	Discharge Temperature Sensor (4)	Oil Service Valve	Conversion Kit for Marine Application
S4T-5.2	5.427,--	271,--	226,--	205,--	70,--	66,--	450,--	1.152,--	1.152,--	321,--	238,--	131,--	70,--	443,--	
S4N-8.2	5.984,--	299,--	226,--	205,--	70,--	66,--	450,--	1.152,--	1.152,--	321,--	238,--	131,--	70,--	443,--	
S4G-12.2	8.544,--	427,--	226,--	205,--	74,--	109,--	450,--	1.152,--	1.152,--	321,--	238,--	131,--	70,--	776,--	
S6J-16.2	10.637,--	532,--	226,--	205,--	74,--	114,--	559,--	1.419,--	1.419,--	321,--	238,--	131,--	70,--	776,--	
S6H-20.2	10.909,--	545,--	226,--	205,--	74,--	114,--	559,--	1.419,--	1.419,--	321,--	238,--	131,--	70,--	776,--	
S6G-25.2	12.220,--	611,--	226,--	205,--	74,--	114,--	559,--	1.419,--	1.419,--	321,--	238,--	131,--	70,--	776,--	
S6F-30.2	14.390,--	720,--	226,--	205,--	74,--	114,--	559,--	1.419,--	1.419,--	321,--	238,--	131,--	70,--	776,--	
S66J-32.2	21.872,--	1.094,--	452,--	410,--	148,--	228,--	1.118,--	2.838,--	2.838,--	642,--	476,--	262,--	140,--	1.552,--	
S66H-40.2	23.080,--	1.154,--	452,--	410,--	148,--	228,--	1.118,--	2.838,--	2.838,--	642,--	476,--	262,--	140,--	1.552,--	
S66G-50.2	25.700,--	1.285,--	452,--	410,--	148,--	228,--	1.118,--	2.838,--	2.838,--	642,--	476,--	262,--	140,--	1.552,--	
S66F-60.2	30.051,--	1.503,--	452,--	410,--	148,--	228,--	1.118,--	2.838,--	2.838,--	642,--	476,--	262,--	140,--	1.552,--	

Extent of delivery – Single Compressor:

Compressor with built-in part-winding motor (Y/Δ motor on request), oil charge, protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B2, terminal box enclosure class IP 54, built-in pressure relief valve from type S6J-16.2; interstage pressure line, de-superheating expansion valve (5), sight glass, drier, solenoid valve; alternatively CIC®-System: electronic control module, temperature sensors (mounted), pulse valve for refrigerant injection.

- (1) Standard voltage 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) S4T-5.2..S4N-8.2: 100 W, S4G-12.2..S6F-30.2: 140 W
- (4) Included in CIC®-System
- (5) Supplied expansion valve depends on desired evaporating temperature

Extent of delivery – Tandem Compressor:

Compressor with 2 built-in part-winding motors (Y/Δ motor on request), oil charge, protective charge, 2x suction & 2x discharge shut-off valves, base frame with 8 vibration dampers, motor PTC sensors with electronic control unit SE-B2, terminal box enclosure class IP 54, built-in pressure relief valves (2x) from type S66J-32.2, 2 each interstage pressure lines, de-superheating expansion valves, sight glasses, driers, solenoid valves; alternatively 2x CIC®-Systems: electronic control module, temperature sensors (mounted), pulse valve for liquid injection.

Specify refrigerant, evaporating temperature and whether operation with or without subcooler when ordering.



Type	Price EUR	Additional Charges EUR																
		Compressor Standard Motor (1)	Motor for Special Voltage	Bearing Cover (4) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(4), not mounted	Crankcase Heater (2)(3)	Ester Oil BSE85K	Discharge Temperature Sensor	Enlarged Terminal Box for Operating Current > 40 A									
2MHC-05K	2.030,--	102,--	-	-	53,--	0	-	-										
2KHC-05K	2.035,--	102,--	-	-	53,--	0	-	-										
2JHC-07K	2.057,--	103,--	-	-	53,--	0	-	-										
2HHC-2K	2.119,--	106,--	-	-	53,--	0	-	-										
2GHC-2K	2.130,--	107,--	-	-	53,--	0	-	-										
2FHC-3K	2.147,--	107,--	-	-	53,--	0	-	-										
2EHC-3K	3.053,--	153,--	-	-	65,--	0	-	-										
2DHC-3K	3.067,--	153,--	-	-	65,--	0	-	-										
2CHC-4K	3.189,--	159,--	-	-	65,--	0	-	-										
4FHC-5K	3.430,--	172,--	46,--	205,--	65,--	0	131,--	60,--										
4EHC-6K	3.650,--	183,--	46,--	205,--	65,--	0	131,--	60,--										
4DHC-7K	4.220,--	211,--	46,--	205,--	65,--	0	131,--	60,--										
4CHC-9K	4.591,--	230,--	46,--	205,--	65,--	0	131,--	60,--										
4VHC-10K	5.585,--	279,--	0	205,--	65,--	0	131,--											
4THC-12K	5.752,--	288,--	0	205,--	65,--	0	131,--											
4PHC-15K	6.247,--	312,--	0	205,--	65,--	0	131,--											
4NHC-20K	7.167,--	358,--	0	205,--	65,--	0	131,--											

Extent of delivery:

Compressor with built-in motor, oil charge, protective charge, suction and discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65, built-in pressure relief valve on suction side (relief to atmosphere in case of excessive suction pressure).

- (1) 2KHC-05K..4CHC-9K: 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
4VHC-10K..4NHC-20K: 380..420VY/3/50Hz, 440..480VY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz

- (3) 2KHC-05K..2FHC-3K: 0..60 W (PTC heater with temp. control)
2EHC-3K..4CHC-9K: 0..120 W (PTC heater with temp. control)
4VHC-10K..4NHC-20K: 0..140 W (PTC heater with temp. control)
- (4) Oil level control requires special bearing cover (additional charge)

Note!

The application of CO₂ as a refrigerant is subject to stringent safety regulations. Due to this fact certain obligations have to be agreed upon that also include a written contract to be signed between the purchasing party and BITZER.



Type	Price EUR	Additional Charges EUR															
		Compressor Standard Motor (1)	Motor for Special Voltage	Bearing Cover (4) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(4), not mounted	Crankcase Heater (2)(3)	Ester Oil BSE60K (5)	Discharge Temperature Sensor	Enlarged Terminal Box for Operating Current > 40 A								
2MSL-07K	2.111,--	106,--	-	-	53,--	Ø	-	-									
2KSL-1K	2.116,--	106,--	-	-	53,--	Ø	-	-									
2JSL-2K	2.139,--	107,--	-	-	53,--	Ø	-	-									
2HSL-3K	2.204,--	110,--	-	-	53,--	Ø	-	-									
2GSL-3K	2.215,--	111,--	-	-	53,--	Ø	-	-									
2FSL-4K	2.233,--	112,--	-	-	53,--	Ø	-	-									
2ESL-4K	3.175,--	159,--	-	-	65,--	Ø	-	-									
2DSL-5K	3.190,--	160,--	-	-	65,--	Ø	-	-									
2CSL-6K	3.317,--	166,--	-	-	65,--	Ø	-	-									
4FSL-7K	3.636,--	182,--	46,--	205,--	65,--	Ø	131,--	60,--									
4ESL-9K	3.869,--	193,--	46,--	205,--	65,--	Ø	131,--	60,--									
4DSL-10K	4.473,--	224,--	46,--	205,--	65,--	Ø	131,--	60,--									
4CSL-12K	4.866,--	243,--	46,--	205,--	65,--	Ø	131,--	60,--									
4VSL-15K	5.920,--	296,--	Ø	205,--	65,--	Ø	131,--										
4TSL-20K	6.097,--	305,--	Ø	205,--	65,--	Ø	131,--										
4PSL-25K	6.622,--	331,--	Ø	205,--	65,--	Ø	131,--										
4NSL-30K	7.597,--	380,--	Ø	205,--	65,--	Ø	131,--										

Extent of delivery:

Compressor with built-in motor, oil charge, protective charge, suction and discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65, built-in pressure relief valve on suction side (relief to atmosphere in case of excessive suction pressure).

- (1) 2MSL-07K..4CSL-12K: 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
4VSL-15K..4NSL-30K: 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz

- (3) 2MSL-07K..2FSL-4K: 0..60 W (PTC heater with temp. control)
2ESL-4K..4CSL-9K: 0..120 W (PTC heater with temp. control)
4VSL-15K..4NSL-30K: 0..140 W (PTC heater with temp. control)
- (4) Oil level control requires special bearing cover (additional charge)
- (5) Option: Oil BSE85K (e.g. for Booster applications)

Series production is scheduled for Q3 / 2011

Note! The application of CO₂ as a refrigerant is subject to stringent safety regulations. Due to this fact certain obligations have to be agreed upon that also include a written contract to be signed between the purchasing party and BITZER.



Type	Price EUR	Additional Charges EUR																		
		Compressor Standard Motor (1)	Motor for Special Voltage	Crankcase Heater (2)(3)	Ester Oil BSE85K (4)	Suction Shut-Off Valve Solder Connection	Discharge Shut-Off Valve; Swagelok Connection	Discharge Shut-Off Valve; Solder Connection	Discharge Flange with Screwed Connection	Pressure Relief Valve, Discharge Side	Pressure Relief Valve, Suction Side									
4MTC-7K	6.076,--	304,--	€	€	58,--	329,--	145,--	33,--	€	234,--										
4MTC-10K	6.423,--	321,--	€	€	58,--	329,--	145,--	33,--	€	234,--										
4KTC-10K	6.571,--	329,--	€	€	58,--	329,--	145,--	33,--	€	234,--										
4KTC-15K	6.965,--	348,--	€	€	58,--	329,--	145,--	33,--	€	234,--										
4JTC-10K	7.083,--	354,--	€	€	60,--	329,--	145,--	33,--	€	234,--										
4JTC-15K	7.242,--	362,--	€	€	60,--	329,--	145,--	33,--	€	234,--										
4HTC-15K	7.515,--	376,--	€	€	60,--	329,--	145,--	33,--	€	234,--										
4HTC-20K	7.818,--	391,--	€	€	60,--	329,--	145,--	33,--	€	234,--										
4FTC-20K	8.761,--	438,--	€	€	60,--	329,--	145,--	33,--	€	234,--										
4FTC-30K	9.480,--	474,--	€	€	60,--	329,--	145,--	33,--	€	234,--										

Extent of delivery:

Compressor with built-in motor, oil charge, protective charge, flanged suction and discharge connections, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1, terminal box enclosure class IP 65, crankcase heater, built-in pressure relief valve on discharge side (relief to atmosphere in case of excessive discharge pressure).

- (1) 4MTC-7K..4KTC-15K: 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
4JTC-10K..4FTC-30K: 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz

- (3) 4MTC-7K..4KTC-15K: 0..120 W (PTC heater with temp. control)
4JTC-10K..4FTC-30K: 0..140 W (PTC heater with temp. control)
- (4) Oil BSG68K for applications with LP > 40 bar and/or HP > 120 bar

Note! The application of CO₂ as a refrigerant is subject to stringent safety regulations. Due to this fact certain obligations have to be agreed upon that also include a written contract to be signed between the purchasing party and BITZER.



Type	Price EUR	Additional Charges EUR																		
		Compressor Standard Motor (1)	Motor for Special Voltage	Crankcase Heater (2)(4)	Start Unloader, Standard Coil (2)(7) & Disch. Temp. Control (w/o Check Valve)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (7) for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	Additional Fan (5)	Discharge Temperature Sensor (6)	Enlarged Terminal Box for Operating Current > 40 A									
2KC-05.2P	1.437,--	72,--	53,--	-	-	-	264,--	-	-											
2JC-07.2P	1.448,--	72,--	53,--	-	-	-	264,--	-	-											
2HC-1.2P	1.462,--	73,--	53,--	-	-	-	264,--	-	-											
2HC-2.2P	1.489,--	74,--	53,--	-	-	-	264,--	-	-											
2GC-2.2P	1.489,--	74,--	53,--	-	-	-	264,--	-	-											
2FC-2.2P	1.546,--	77,--	53,--	-	-	-	264,--	-	-											
2FC-3.2P	1.611,--	81,--	53,--	-	-	-	264,--	-	-											
2EC-2.2P	2.086,--	104,--	65,--	-	-	-	312,--	-	60,--											
2EC-3.2P	2.240,--	112,--	65,--	-	-	-	312,--	-	60,--											
2DC-2.2P	2.164,--	108,--	65,--	-	-	-	312,--	-	60,--											
2DC-3.2P	2.248,--	112,--	65,--	-	-	-	312,--	-	60,--											
2CC-3.2P	2.240,--	112,--	65,--	-	-	-	312,--	-	60,--											
2CC-4.2P	2.330,--	117,--	65,--	-	-	-	312,--	-	60,--											
4FC-3.2P	2.415,--	121,--	65,--			126,--	401,--	131,--	60,--											
4FC-5.2P	2.655,--	133,--	65,--			126,--	401,--	131,--	60,--											
4EC-4.2P	2.471,--	124,--	65,--			126,--	401,--	131,--	60,--											
4EC-6.2P	2.810,--	141,--	65,--	on request	on request	126,--	401,--	131,--	60,--											
4DC-5.2P	3.068,--	153,--	65,--			145,--	401,--	131,--	60,--											
4DC-7.2P	3.217,--	161,--	65,--			145,--	401,--	131,--	60,--											
4CC-6.2P	3.356,--	168,--	65,--			145,--	401,--	131,--	60,--											
4CC-9.2P	3.484,--	174,--	65,--			145,--	401,--	131,--	60,--											

Extent of delivery – Single compressor:

Compressor with built-in motor, oil charge SHC 226E, protective charge, suction and discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1 (8), terminal box enclosure class IP 65, built-in pressure relief valve.

- (1) 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 1x capacity regulator (= 50%)
- (4) 2KC-05.2P..2FC-3.2P: 0..60 W (PTC heater with temp. control)
2EC-2.2P..4CC-9.2P: 0..120 W (PTC heater with temp. control)
- (5) Standard voltage 230V/1/ 50&60Hz

- (6) Included in start unloader
- (7) Standard dimensions; a correction may be necessary, depending on operating conditions
- (8) Electronic control unit not mounted – to be installed in switch board

Note! The application of hydrocarbons as refrigerant is subject to stringent safety regulations. Due to this fact certain obligations have to be agreed upon that also include a written contract to be signed between the purchasing party and BITZER.



Type	Price EUR	Additional Charges EUR																	
		Compressor Standard Motor (1)	Motor for Special Voltage	Oil Pressure Switch MP55 w/o Timer Relais (2), not mounted	Crankcase Heater (2)(4)	Start Unloader, Standard Coil (2) & Discharge Temp. Control (w/o Check Valve)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (6) for Start Unloading	1x Capacity Regulator, Standard Coil (2)(3)(8)	Additional Fan (5)	Discharge Temperature Sensor (7)	Oil Service Valve	Discharge Line	Compressor Frame					
Single Compressors																			
4VCS-6.2P	4.329,--	216,--	-	65,--			145,--	401,--	131,--	70,--	-	-							
4VCS-10.2P	4.498,--	225,--	-	65,--			145,--	401,--	131,--	70,--	-	-							
4TCS-8.2P	4.440,--	222,--	-	65,--			145,--	131,--	70,--	-	-	-							
4TCS-12.2P	4.628,--	231,--	-	65,--			145,--	401,--	131,--	70,--	-	-							
4PCS-10.2P	4.805,--	240,--	-	65,--			311,--	401,--	131,--	70,--	-	-							
4PCS-15.2P	5.008,--	250,--	-	65,--			311,--	401,--	131,--	70,--	-	-							
4NCS-12.2P	5.392,--	270,--	-	65,--			311,--	401,--	131,--	70,--	-	-							
4NCS-20.2P	5.714,--	286,--	-	65,--			311,--	401,--	131,--	70,--	-	-							
4J-13.2P	6.822,--	341,--	490,--	74,--			311,--	401,--	131,--	70,--	-	-							
4J-22.2P	7.178,--	359,--	490,--	74,--			311,--	401,--	131,--	70,--	-	-							
4H-15.2P	6.838,--	342,--	490,--	74,--	on request		311,--	401,--	131,--	70,--	-	-							
4H-25.2P	7.197,--	360,--	490,--	74,--	on request		311,--	401,--	131,--	70,--	-	-							
4G-20.2P	7.682,--	384,--	490,--	74,--			311,--	401,--	131,--	70,--	-	-							
4G-30.2P	8.004,--	400,--	490,--	74,--			311,--	401,--	131,--	70,--	-	-							
6J-22.2P	8.446,--	422,--	490,--	74,--			358,--	401,--	131,--	70,--	-	-							
6J-33.2P	9.715,--	486,--	490,--	74,--			358,--	401,--	131,--	70,--	-	-							
6H-25.2P	8.706,--	435,--	490,--	74,--			358,--	401,--	131,--	70,--	-	-							
6H-35.2P	9.995,--	500,--	490,--	74,--			358,--	401,--	131,--	70,--	-	-							
6G-30.2P	9.995,--	500,--	490,--	74,--			358,--	401,--	131,--	70,--	-	-							
6G-40.2P	10.682,--	534,--	490,--	74,--			358,--	401,--	131,--	70,--	-	-							
6F-40.2P	12.128,--	606,--	490,--	74,--			546,--	401,--	131,--	70,--	-	-							
6F-50.2P	12.457,--	623,--	490,--	74,--			546,--	401,--	131,--	70,--	-	-							
Tandem Compressors																			
44VCS-12.2P	8.668,--	433,--	-	130,--			290,--	802,--	262,--	140,--			298,--						
44VCS-20.2P	9.007,--	450,--	-	130,--			290,--	802,--	262,--	140,--			298,--						
44TCS-16.2P	8.891,--	445,--	-	130,--			290,--	802,--	262,--	140,--			298,--						
44TCS-24.2P	9.266,--	463,--	-	130,--			290,--	802,--	262,--	140,--	on request		298,--						
44PCS-20.2P	9.622,--	481,--	-	130,--	on request		622,--	802,--	262,--	140,--			298,--						
44PCS-30.2P	10.027,--	501,--	-	130,--	on request		622,--	802,--	262,--	140,--			298,--						
44NCS-24.2P	10.796,--	540,--	-	130,--			622,--	802,--	262,--	140,--			298,--						
44NCS-40.2P	11.441,--	572,--	-	130,--			622,--	802,--	262,--	140,--			298,--						

Extent of delivery – Single Compressor:

Compressor with built-in motor, oil & protective charge, suction & discharge shut-off valve, 4 vibration dampers, motor PTC sensors with electronic control unit SE-B1(B2*) (9), terminal box enclosure class IP 65(54*), built-in pressure relief valve (* 4J-13.2P..6F-50.2P).

- (1) 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 4VCS-6.2P..4G-30.2P: 1x capacity regulator (= 50%)
6J-22.2P..6F-50.2P: 2x capacity regulator (= 66/33%)
44VCS-12.2P..44NCS-40.2P: 2x capacity regulator (= 75/50/25%)
- (4) 4VCS-6.2P..4NCS-20.2P: 0..140 W (PTC heater with temp. control)
44VCS-12.2P..44NCS-40.2P: 2x 0..140 W (PTC heater with temp. control)
4J-13.2P..6F-50.2P: 140 W

- (5) Standard voltage 230V/1/50&60Hz
- (6) Standard dimensions; a correction may be necessary, depending on operating conditions
- (7) Included in start unloader
- (8) With Tandem models identical number of capacity regulators must be mounted on both compressors
- (9) Electronic control unit not mounted – to be installed in switch board

Extent of delivery – Tandem compressor

Compressor with 2 built-in motors, oil & protective charge, 1x suction & 2x discharge shut-off valves, 8 vibration dampers, motor PTC sensors with 2x electronic control units SE-B1 (9), terminal box enclosure class IP 65, built-in pressure relief valve.

Note! The application of hydrocarbons as refrigerant is subject to stringent safety regulations. Due to this fact certain obligations have to be agreed upon that also include a written contract to be signed between the purchasing party and BITZER.



Type	Price EUR						
	with F062H/....	with F102H/....	with F152H/....	with F202H/....	with F302H/....	with F192T/....	with F392T/....
F...../2KC-05.2	1.652,--						
F...../2JC-07.2	1.662,--						
F...../2HC-1.2	1.680,--						
F...../2HC-2.2	1.704,--						
F...../2GC-2.2	1.704,--						
F...../2FC-2.2	1.763,--						
F...../2FC-3.2	1.827,--						
F...../2EC-2.2	2.306,--	2.472,--					
F...../2EC-3.2	2.460,--	2.629,--					
F...../2DC-2.2	2.383,--	2.549,--					
F...../2DC-3.2	2.471,--	2.637,--					
F...../2CC-3.2	2.460,--	2.629,--					
F...../2CC-4.2	2.550,--	2.716,--					
F...../4FC-3.2		2.804,--	2.853,--	2.930,--			
F...../4FC-5.2		3.043,--	3.089,--	3.168,--			
F...../4EC-4.2		2.860,--	2.907,--	2.985,--			
F...../4EC-6.2		3.201,--	3.247,--	3.328,--			
F...../4DC-5.2		3.461,--	3.508,--	3.587,--			
F...../4DC-7.2		3.611,--	3.659,--	3.738,--			
F...../4CC-6.2		3.747,--	3.795,--	3.875,--			
F...../4CC-9.2		3.873,--	3.921,--	3.999,--			
F...../4VCS-6.2			4.779,--		4.951,--		
F...../4VCS-10.2			4.949,--		5.123,--		
F...../4TCS-8.2			4.890,--		5.065,--		
F...../4TCS-12.2			5.077,--		5.249,--		
F...../4PCS-10.2			5.257,--		5.433,--		
F...../4PCS-15.2			5.461,--		5.634,--		
F...../4NCS-12.2			5.859,--		6.031,--		
F...../4NCS-20.2			6.175,--		6.348,--		
F...../22EC-4.2						4.676,--	
F...../22EC-6.2						4.986,--	
F...../22DC-4.2						4.833,--	
F...../22DC-6.2						5.006,--	
F...../22CC-6.2						4.986,--	
F...../22CC-8.2						5.170,--	
F...../44FC-6.2							5.630,--
F...../44FC-10.2							6.113,--
F...../44EC-8.2							5.740,--
F...../44EC-12.2							6.433,--
F...../44DC-10.2							6.956,--
F...../44DC-14.2							7.255,--
F...../44CC-12.2							7.540,--
F...../44CC-18.2							7.791,--

Type	Price EUR						
	with F302H/....	with F402H/....	with F552T/....	with F552T/....	with F1052T/...	with F1052T/...	with F1052T/...
F...../4J-13.2	7.793,--	7.862,--	7.981,--				
F...../4J-22.2	8.162,--	8.230,--	8.350,--				
F...../4H-15.2	7.816,--	7.883,--	8.005,--				
F...../4H-25.2	8.178,--	8.248,--	8.370,--				
F...../4G-20.2	8.678,--	8.748,--	8.869,--				
F...../4G-30.2	9.006,--	9.078,--	9.200,--				
F...../6J-22.2	9.461,--	9.531,--	9.650,--				
F...../6J-33.2	10.764,--	10.831,--	10.954,--				
F...../6H-25.2	9.728,--	9.798,--	9.920,--				
F...../6H-35.2	11.052,--	11.120,--	11.242,--				
F...../6G-30.2	11.052,--	11.120,--	11.242,--				
F...../6G-40.2	11.753,--	11.822,--	11.944,--				
F...../6F-40.2	13.239,--	13.308,--	13.427,--		14.043,--		
F...../6F-50.2	13.577,--	13.646,--	13.765,--		14.384,--		
F...../44J-26.2				15.582,--		16.197,--	
F...../44J-44.2				17.108,--		17.723,--	
F...../44H-30.2				15.618,--		16.235,--	
F...../44H-50.2				17.143,--		17.759,--	
F...../44G-40.2				17.592,--		18.208,--	
F...../44G-60.2				18.244,--		18.861,--	
F...../66J-44.2				19.210,--		19.826,--	
F...../66J-66.2				21.808,--		22.423,--	
F...../66H-50.2				19.751,--		20.367,--	
F...../66H-70.2				22.388,--		23.005,--	
F...../66G-60.2				22.388,--		23.005,--	
F...../66G-80.2				23.798,--		24.414,--	
F...../66F-80.2				26.770,--		27.385,--	
F...../66F-100.2				27.446,--		28.060,--	
F...../S4T-5.2	6.260,--	6.326,--	6.448,--				
F...../S4N-8.2	6.819,--	6.888,--	7.009,--				
F...../S4G-12.2	9.563,--	9.633,--	9.754,--				
F...../S6J-16.2	11.708,--	11.776,--	11.899,--				
F...../S6H-20.2	11.991,--	12.059,--	12.179,--				
F...../S6G-25.2	13.331,--	13.400,--	13.522,--				
F...../S6F-30.2	15.556,--	15.625,--	15.747,--				
F...../S66J-32.2				23.613,--		24.229,--	
F...../S66H-40.2				24.855,--		25.471,--	
F...../S66G-50.2				27.541,--		28.156,--	
F...../S66F-60.2				32.004,--		32.620,--	

Extent of delivery:

Semi-hermetic reciprocating compressor (see pages 4, 6, 12, 15), mounted on a liquid receiver (see page 49), with upper and lower mounting rails, protective charge.



Type	Price EUR	Additional Charges EUR																		
		Motor for Special Voltage	Fan for 3-Phase Supply (5)	Bearing Cover (10) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(10), mounted	Crankcase Heater (2)(3)	Ester Oil for HFC Refrigerants – Compressor Designation "y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (7) in Disch. Line	Capacity Regulator, Standard Coil (2)	Special Voltage Coil for Start Unloader / Capacity Regulator	Liquid Receiver with Sight Glass (6)	Liquid Receiver with Sight Glass (6) and Connection for Safety Valve	Liquid Receiver with Larger Volume	Oil Separator, mounted with integrated Check Valve (7) in Discharge Line	Check Valve (7), integrated in Discharge Line	High & Low Pressure Switch, mounted	Dressed Unit Accessory Package	Weather Protection Housing (packed separately)	Electronic Speed Control Device for Condenser Fan, not mounted (8)	Electronic Speed Control Device for Condenser Fan, mounted in Liquid Line (8)(9)
LH32/2KC-05.2	2.195,--	62,--	124,--	-	-	53,--	24,--	-	-	29,--	-	88,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH32/2JC-07.2	2.203,--	62,--	124,--	-	-	53,--	24,--	-	-	29,--	-	88,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH33/2HC-1.2	2.226,--	63,--	124,--	-	-	53,--	24,--	-	-	29,--	-	88,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH33/2HC-2.2	2.248,--	64,--	124,--	-	-	53,--	24,--	-	-	29,--	-	88,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH33/2GC-2.2	2.248,--	64,--	124,--	-	-	53,--	24,--	-	-	29,--	-	88,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH44/2GC-2.2	2.380,--	64,--	149,--	-	-	53,--	24,--	-	-	-	74,--	89,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH44/2FC-2.2	2.437,--	67,--	149,--	-	-	53,--	24,--	-	-	-	74,--	89,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH44/2FC-3.2	2.503,--	70,--	149,--	-	-	53,--	24,--	-	-	-	74,--	89,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH44/2EC-2.2	2.981,--	94,--	149,--	-	-	65,--	44,--	-	-	-	74,--	89,--	698,--	-	320,--	587,--	450,--	470,--	470,--	
LH64/2EC-3.2	3.578,--	102,--	52,--	-	-	65,--	44,--	-	-	-	74,--	213,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH53/2DC-2.2	3.314,--	98,--	38,--	-	-	65,--	44,--	-	-	-	74,--	89,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2DC-3.2	3.586,--	102,--	52,--	-	-	65,--	44,--	-	-	-	74,--	213,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2CC-3.2	3.578,--	102,--	52,--	-	-	65,--	44,--	-	-	-	74,--	213,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH84/2CC-4.2	4.088,--	106,--	46,--	-	-	65,--	44,--	-	-	-	74,--	160,--	698,--	-	320,--	642,--	648,--	470,--	470,--	
LH64/4FC-3.2	3.752,--	111,--	52,--	46,--	273,--	65,--	53,--	703,--	321,--	48,--	74,--	213,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LH84/4FC-5.2	4.410,--	122,--	46,--	46,--	273,--	65,--	53,--	703,--	321,--	48,--	74,--	160,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LH64/4EC-4.2	3.809,--	113,--	52,--	46,--	273,--	65,--	53,--	703,--	321,--	48,--	74,--	213,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LH84/4EC-6.2	4.567,--	130,--	46,--	46,--	273,--	65,--	53,--	703,--	321,--	48,--	74,--	160,--	755,--	226,--	320,--	764,--	648,--	470,--	470,--	
LH84/4DC-5.2	4.830,--	143,--	46,--	46,--	273,--	65,--	53,--	759,--	321,--	48,--	74,--	160,--	811,--	282,--	320,--	764,--	648,--	470,--	470,--	
LH104/4DC-7.2	6.196,--	151,--	105,--	46,--	273,--	65,--	53,--	759,--	321,--	48,--	S	S	236,--	894,--	282,--	320,--	1.012,--	2.374,--	470,--	470,--
LH84/4CC-6.2	5.117,--	158,--	46,--	46,--	273,--	65,--	53,--	759,--	321,--	48,--	-	74,--	160,--	811,--	282,--	320,--	764,--	648,--	470,--	470,--
LH114/4CC-9.2	6.885,--	164,--	105,--	46,--	273,--	65,--	53,--	759,--	321,--	48,--	S	S	236,--	894,--	282,--	320,--	1.117,--	2.580,--	470,--	470,--

Extent of delivery:

Semi-hermetic reciprocating compressors (see page 4), base plate, air-cooled condenser, LH32..LH44: 1x fan enclosure class IP 44, LH53..LH104: 1 or 2 fans enclosure class IP 54, complete with blade and guard, receiver with rotalock shut-off valve for liquid & pressure gauge connection, connection for relief valve from LH104/.. approval according to the EC Pressure Equipment Directive (PED) 97/23/EC - other approvals on request; discharge line and protective charge.

Dressed Unit: Condensing unit - with accessory package

HP & LP switches including mounting bracket and wiring to terminal strip, liquid line with sight glass and filter drier, suction line to outer unit edge (up to LH 84/..).

When ordering, please specify whether operation with suction gas cooling "SL(A)" or with air cooling "SL(B)".

- (1) Standard voltage for compressor: 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 2KC-05.2..2FC-3.2: 0..60 W (PTC heater with temp. control)
2EC-2.2..4CC-9.2: 0..120 W (PTC heater with temp. control)
- (4) Standard voltage for fan motor: 230V/1/50&60Hz
- (5) Standard voltage 380..420V/3/50Hz, 440..480V/3/60Hz
- (6) 1x sight glass: LH32/..to LH33/.. & LH104/..to LH114/..
2x sight glass: LH44/..to LH84/..
- (7) Standard dimensions; a correction may be necessary, depending on operating conditions
- (8) When ordering, please specify pressure range: 4.0 to 12.5 bar or 9.2 to 21.2 bar
- (9) Only possible with dressed unit
- (10) Oil level control requires special bearing cover



Type	Price EUR	Additional Charges EUR														
		Motor for Special Voltage	Fan for 3-Phase Supply (5)	Bearing Cover (9) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(9), mounted	Crankcase Heater (2)(3)	Ester Oil for HFC Refrigerants – Compressor Designation "y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (6) in Disch. Line	1x Capacity Regulator, Standard Coil (2)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Oil Separator, mounted with integrated Check Valve (6) in Discharge Line	Check Valve (6), integrated in Discharge Line	High & Low Pressure Switch, mounted	Weather Protection Housing (packed separately)	1x Electronic Speed Control Device for Condenser Fan, not mounted (7)	
Standard Units																
LH114/44FC-6.2	8.749,--	226,--	105,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	2.580,--	470,--	
LH114/44FC-10.2	9.231,--	250,--	105,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	2.580,--	470,--	
LH114/44EC-8.2	8.860,--	231,--	105,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	2.580,--	470,--	
LH124/44EC-12.2	11.462,--	266,--	95,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	3.005,--	940,--	
LH124/44DC-10.2	11.987,--	292,--	95,--	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.622,--	564,--	640,--	3.005,--	940,--	
LH135/44DC-14.2	12.513,--	307,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.788,--	564,--	640,--	3.152,--	-	
LH135/44CC-12.2	12.796,--	321,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.622,--	564,--	640,--	3.152,--	-	
LH135/44CC-18.2	13.046,--	334,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.622,--	564,--	640,--	3.152,--	-	
"High Ambient" Version																
LH124/44FC-6.2	10.662,--	226,--	95,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	3.005,--	940,--	
LH124/44FC-10.2	11.144,--	250,--	95,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	3.005,--	940,--	
LH124/44EC-8.2	10.771,--	231,--	95,--	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	3.005,--	940,--	
LH135/44EC-12.2	11.688,--	266,--	S	92,--	546,--	130,--	106,--	1.406,--	321,--	48,--	1.510,--	452,--	640,--	3.152,--	-	
LH135/44DC-10.2	12.214,--	292,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.622,--	564,--	640,--	3.152,--	-	
LH135/44DC-14.2 (8)	12.513,--	307,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.788,--	564,--	640,--	3.152,--	-	
LH135/44CC-12.2 (8)	12.796,--	321,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.622,--	564,--	640,--	3.152,--	-	
LH135/44CC-18.2 (8)	13.046,--	334,--	S	92,--	546,--	130,--	106,--	1.518,--	321,--	48,--	1.622,--	564,--	640,--	3.152,--	-	

Extent of delivery:

Semi-hermetic reciprocating compressor (see page 4), base plate, air-cooled condenser, 2 fans enclosure class IP 54, complete with blade and guard, receiver with rotalock shut-off valve for liquid & pressure gauge connection, connection for relief valve, approval according to the EC Pressure Equipment Directive (PED) 97/23/EC – other approvals on request; discharge line and protective charge.

- (1) Standard voltage for compressor: 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 2x 0..120 W (PTC heater with temp. control)
- (4) Standard voltage for fan motor:
LH114, LH124: 230V/1/50&60Hz
LH135: 380..420V/3/50Hz, 440..460V/3/60Hz
- (5) Standard voltage 380..420V/3/50Hz, 440..480V/3/60Hz
- (6) Standard dimensions; a correction may be necessary, depending on operating conditions
- (7) When ordering, please specify pressure range: 4.0 to 12.5 bar or 9.2 to 21.2 bar
LH124/..: 2x speed control units
- (8) Units identical with "Standard" version
- (9) Oil level control requires special bearing cover



Type	Price EUR	Additional Charges EUR																			
		Motor for Special Voltage	Fan for 3-Phase Supply (6)	Electronic Oil Level Control OLC-K1 (2), mounted	Oil Pressure Safety Switch MP54 (2), mounted	Electronic Oil Pressure Switch "Delta P" (2), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants - Compressor Designation "v"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (8) in Disch. Line	Special Voltage Coil for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	1x Special Voltage Coil for Capacity Regulator	Liquid Receiver with Larger Volume	Oil Separator, mounted with integrated Check Valve (8) in Discharge Line	Check Valve (8), integrated in Discharge Line	High & Low Pressure Switch, mounted (7)	Dressed Unit Accessory Package	Weather Protection Housing (packed separately)	Liquid Subcooler, mounted (2)	Electronic Speed Control Device for Condenser Fan, not mounted (9)	Electronic Speed Control Device for Condenser Fan, mounted in Liquid Line (9)(10)
LH104/4TCS-8.2	7.445,--	212,--	105,--	273,--	-	-	65,--	63,--	759,--	48,--	321,--	48,--	236,--	1.075,--	282,--	320,--	1.117,--	2.374,--	-	470,--	470,--
LH114/4TCS-12.2	8.026,--	221,--	105,--	273,--	-	-	65,--	63,--	759,--	48,--	321,--	48,--	236,--	1.075,--	282,--	320,--	1.117,--	2.580,--	-	470,--	470,--
LH114/4PCS-10.2	8.203,--	230,--	105,--	273,--	-	-	65,--	63,--	971,--	48,--	321,--	48,--	236,--	1.287,--	494,--	320,--	1.117,--	2.580,--	-	470,--	470,--
LH135/4PCS-15.2	10.587,--	240,--	S	273,--	-	-	65,--	63,--	971,--	48,--	321,--	48,--	-	1.287,--	494,--	320,--	1.117,--	3.152,--	-	-	-
LH124/4NCS-12.2	9.362,--	260,--	95,--	273,--	-	-	65,--	63,--	971,--	48,--	321,--	48,--	-	1.287,--	494,--	664,--	1.636,--	3.005,--	-	940,--	940,--
LH135/4NCS-20.2	11.299,--	276,--	S	273,--	-	-	65,--	63,--	971,--	48,--	321,--	48,--	-	1.287,--	494,--	664,--	1.636,--	3.152,--	-	-	-
LH135/4J-13.2	12.777,--	341,--	S	-	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	-	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-	-
LH135/4J-22.2	13.144,--	359,--	S	-	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	-	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-	-
LH135/4H-15.2	12.795,--	342,--	S	-	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	-	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-	-
LH135/4H-25.2	13.161,--	360,--	S	-	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	-	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-	-
LH135/4G-20.2	13.660,--	384,--	S	-	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	-	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-	-
LH135/6J-22.2	14.455,--	422,--	S	-	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	-	1.570,--	692,--	664,--	1.636,--	3.152,--	-	-	-
LH135/6H-25.2	14.723,--	435,--	S	-	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	-	1.570,--	692,--	664,--	1.636,--	3.152,--	-	-	-
LH104/S4T-5.2	8.633,--	271,--	105,--	-	297,--	273,--	70,--	66,--	-	-	-	-	236,--	894,--	-	320,--	-	2.374,--	1.168,--	470,--	-
LH104/S4N-8.2	9.197,--	299,--	105,--	-	297,--	273,--	70,--	66,--	-	-	-	-	236,--	894,--	-	320,--	-	2.374,--	1.168,--	470,--	-
LH124/S4G-12.2	12.935,--	427,--	95,--	-	297,--	273,--	74,--	109,--	-	-	-	-	-	1.075,--	-	664,--	-	3.005,--	1.168,--	940,--	-
LH135/S6J-16.2	16.690,--	532,--	S	-	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	-	664,--	-	3.152,--	1.439,--	-	-
LH135/S6H-20.2	16.971,--	545,--	S	-	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	-	664,--	-	3.152,--	1.439,--	-	-
LH135/S6G-25.2	18.314,--	611,--	S	-	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	-	664,--	-	3.152,--	1.439,--	-	-

Extent of delivery:

Semi-hermetic reciprocating compressor (see pages 4, 6, 12, 15), base plate, air-cooled condenser, 1 or 2 fans enclosure class IP 54, complete with blade and guard, receiver with rotalock shut-off valve for liquid & pressure gauge connection, connection for relief valve, approval according to the EC Pressure Equipment Directive (PED) 97/23/EC – other approvals on request; discharge line and protective charge.

Dressed Unit: Condensing unit – with accessory package

HP & LP switches including mounting bracket and wiring to terminal strip, liquid line with sight glass and filter drier.

- (1) Standard voltage for compressor: 380..420VYY/3/50Hz, 440..480VYY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 4TCS-8.2..4G-20.2: 1x capacity regulator (= 50%)
6J-22.2 / 6H-25.2: 2x capacity regulator (= 66/33%)
- (4) 4TCS-8.2..4NCS-20.2: 0..120 W (PTC heater with temp. control 4J-13.2..6H-25.2 / S4G-12.2..S6G-25.2: 140 W
- (5) Standard voltage for fan motor: LH104..LH124: 230V/1/50&60Hz
LH135: 380..420V/3/50Hz, 440..460V/3/60Hz
- (6) Standard voltage: 380..420V/3/50Hz, 440..460V/3/60Hz
- (7) For compressors with displacement > 50m³/h: "Dual HP switch"
- (8) Standard dimensions; a correction may be necessary, depending on operating conditions
- (9) When ordering, please specify pressure range: 4.0 to 12.5 bar or 9.2 to 21.2 bar
LH124/...: 2x speed control units
- (10) Only possible with dressed unit



Type	Price EUR	Additional Charges EUR																			
		Motor for Special Voltage	Fan for 3-Phase Supply (6)	Bearing Cover (13) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(13), mounted	Oil Pressure Safety Switch MP54 (2), mounted	Electronic Oil Pressure Switch "Delta P" (2), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation "y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (10) in Disch. Line	Special Voltage Coil for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	1x Special Voltage Coil for Capacity Regulator	Liquid Receiver with Sight Glass (7) and Connection for Safety Valve	Oil Separator, mounted with integrated Check Valve (10) in Discharge Line	Check Valve, integrated in Discharge Line (8)(10)	High & Low Pressure Switch, mounted (9)	Dressed Unit Accessory Package	Weather Protection Housing (packed separately)	Electronic Speed Control Device for Condenser Fan, not mounted (11)	Electronic Speed Control Device for Condenser Fan, mounted in Liquid Line (11)(12)
LHQ44/2HC-1.2	2.421,--	63,--	-	-	-	-	53,--	24,--	-	-	-	-	74,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LHQ44/2GC-2.2	2.447,--	64,--	-	-	-	-	53,--	24,--	-	-	-	-	74,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LHQ53/2FC-2.2	2.760,--	67,--	-	-	-	-	53,--	24,--	-	-	-	-	74,--	633,--	-	320,--	574,--	648,--	470,--	470,--	
LHQ64/2EC-2.2	3.493,--	94,--	-	-	-	-	65,--	44,--	-	-	-	-	74,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LHQ64/2DC-2.2	3.573,--	98,--	-	-	-	-	65,--	44,--	-	-	-	-	74,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LHQ84/2CC-3.2	4.076,--	102,--	-	-	-	-	65,--	44,--	-	-	-	-	74,--	698,--	-	320,--	642,--	648,--	470,--	470,--	
LHQ84/4FC-3.2	4.255,--	111,--	-	46,--	273,--	-	65,--	53,--	703,--	48,--	321,--	48,--	74,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LHQ84/4EC-4.2	4.313,--	113,--	-	46,--	273,--	-	65,--	53,--	703,--	48,--	321,--	48,--	74,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LHQ104/4DC-5.2	6.147,--	143,--	-	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	894,--	282,--	320,--	1.012,--	2.374,--	470,--	470,--	
LHQ104/4CC-6.2	6.434,--	158,--	-	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	894,--	282,--	320,--	1.012,--	2.374,--	470,--	470,--	
LHQ114/4TCS-8.2	7.907,--	212,--	-	S	273,--	-	65,--	63,--	759,--	48,--	321,--	48,--	S	1.075,--	282,--	320,--	1.117,--	2.580,--	470,--	470,--	
LHQ124/4PCS-10.2	8.857,--	230,--	-	S	273,--	-	65,--	63,--	971,--	48,--	321,--	48,--	S	1.287,--	494,--	320,--	1.117,--	3.005,--	940,--	940,--	
LHQ135/4NCS-12.2	11.058,--	260,--	S	S	273,--	-	65,--	63,--	971,--	48,--	321,--	48,--	S	1.287,--	494,--	664,--	1.636,--	3.152,--	-	-	
LHQ135/4J-13.2	12.862,--	341,--	S	-	-	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	S	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-

Extent of delivery: Semi-hermetic reciprocating compressor (see pages 4 - 5), base plate, air-cooled condenser; LHQ44: 1 fan enclosure class IP 44, LHQ53..LHQ135: 1 or 2 fans IP 54, complete with blade & guard, receiver with rotalock shut-off valve for liquid and pressure gauge connection, connection for relief valve from LH104/..., approval according to EC Pressure Equipment Directive (PED) 97/23/EC - other approvals on request; discharge line and protective charge.

Dressed Unit: Condensing unit - with accessory package

HP & LP switches including mounting bracket and wiring to terminal strip, liquid line with sight glass and filter drier.

For compressors 2HC-1.2..4EC-4.2, please specify whether operation with suction gas cooling "SL(A)" or air cooling "SL(B)".

- (1) Standard voltage for compressor:
2HC-1.2..4CC-6.2: 230VD/380..420VY/3/50Hz
4TC-8.2..4J-13.2: 380..420VYY/3/50Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 4FC-3.2..4J-13.2: 1x capacity regulator (= 50%)
- (4) 2HC-1.2..2FC-2.2: 0..60 W (PTC with temp.control)
2EC-2.2..4NCS-12.2: 0..120 W (PTC with temp. control)
4J-13.2: 140 W
- (5) Standard voltage for fan motor:
LHQ44..LHQ124: 230V/1/50&60Hz
LHQ135: 380..420V/3/50Hz
- (6) Standard voltage 380..420V/3/50Hz
- (7) 2x sight glass (LHQ44/..to LHQ84/..) 1x sight glass (from LHQ104/..)
- (8) LHQ44..LHQ84/2CC-3.2: check valve only together with oil separator
- (9) For compressors with displacement > 50m³/h: "Dual HP switch"
- (10) Standard dimensions; a correction may be necessary, depending on operating conditions
- (11) When ordering, please specify pressure range: 4.0 to 12.5 bar or 9.2 to 21.2 bar
LH124/...: 2x speed control units
- (12) Only possible with dressed unit
- (13) LHQ../4FC-3.2...LHQ../4CC-6.2: Oil level control requires special bearing cover



Type	Price EUR	Additional Charges EUR																				
		Motor for Special Voltage	Fan for 3-Phase Supply (6)	Bearing Cover (14) prepared for Electronic Oil Level Control	Electronic Oil Level Control (2)(14), mounted	Oil Pressure Safety Switch MP54 (2), mounted	Electronic Oil Pressure Switch "Delta P" (2), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (11) in Disch. Line	Special Voltage Coil for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	1x Special Voltage Coil for Capacity Regulator	Liquid Receiver with Sight Glass (7)	Liquid Receiver with Sight Glass (7) and Connection for Relief Valve	Oil Separator, mounted with integrated Check Valve in Discharge Line (11)	Check Valve, integrated in Discharge Line (8)(11)	High & Low Pressure Switch, mounted (9)	Dressed Unit Accessory Package	Weather Protection Housing (packed separately)	Electronic Speed Control Device for Condenser Fan, not mounted (11)	Electronic Speed Control Device for Condenser Fan, mounted in Liquid Line (12)(13)
LH33/2KC-05.2	2.198,--	62,--	124,--	-	-	-	53,--	24,--	-	-	-	-	29,--	29,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH33/2JC-07.2	2.207,--	62,--	124,--	-	-	-	53,--	24,--	-	-	-	-	29,--	29,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH44/2HC-1.2	2.354,--	63,--	149,--	-	-	-	53,--	24,--	-	-	-	-	-	74,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH44/2HC-2.2	2.378,--	64,--	149,--	-	-	-	53,--	24,--	-	-	-	-	-	74,--	633,--	-	320,--	574,--	450,--	470,--	470,--	
LH53/2GC-2.2	2.636,--	64,--	38,--	-	-	-	53,--	24,--	-	-	-	-	-	74,--	633,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2FC-2.2	2.877,--	67,--	52,--	-	-	-	53,--	24,--	-	-	-	-	-	74,--	633,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2EC-2.2	3.423,--	94,--	52,--	-	-	-	65,--	44,--	-	-	-	-	-	74,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2EC-3.2 (10)	3.578,--	102,--	52,--	-	-	-	65,--	44,--	-	-	-	-	-	74,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2DC-2.2	3.499,--	98,--	52,--	-	-	-	65,--	44,--	-	-	-	-	-	74,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH64/2DC-3.2 (10)	3.586,--	102,--	52,--	-	-	-	65,--	44,--	-	-	-	-	-	74,--	698,--	-	320,--	587,--	648,--	470,--	470,--	
LH104/2DC-3.2	5.142,--	102,--	105,--	-	-	-	65,--	44,--	-	-	-	-	S	S	755,--	226,--	320,--	1.012,--	2.374,--	470,--	-	
LH84/2CC-3.2	3.996,--	102,--	46,--	-	-	-	65,--	44,--	-	-	-	-	-	74,--	698,--	-	320,--	642,--	648,--	470,--	470,--	
LH84/2CC-4.2 (10)	4.088,--	106,--	46,--	-	-	-	65,--	44,--	-	-	-	-	-	74,--	698,--	-	320,--	642,--	648,--	470,--	470,--	
LH104/2CC-4.2	5.315,--	106,--	105,--	-	-	-	65,--	44,--	-	-	-	-	S	S	755,--	226,--	320,--	1.012,--	2.374,--	470,--	-	
LH84/4FC-3.2	4.174,--	111,--	46,--	46,--	273,--	-	65,--	53,--	703,--	48,--	321,--	48,--	-	74,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LH84/4FC-5.2 (10)	4.410,--	122,--	46,--	46,--	273,--	-	65,--	53,--	703,--	48,--	321,--	48,--	-	74,--	755,--	226,--	320,--	718,--	648,--	470,--	470,--	
LH114/4FC-5.2	6.044,--	122,--	105,--	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	S	894,--	282,--	320,--	1.117,--	2.580,--	470,--	-	
LH104/4EC-4.2	5.448,--	113,--	105,--	46,--	273,--	-	65,--	53,--	703,--	48,--	321,--	48,--	S	S	755,--	226,--	320,--	1.012,--	2.374,--	470,--	-	
LH104/4EC-6.2	5.789,--	130,--	105,--	46,--	273,--	-	65,--	53,--	703,--	48,--	321,--	48,--	S	S	755,--	226,--	320,--	1.012,--	2.374,--	470,--	-	
LH114/4DC-5.2	6.452,--	143,--	105,--	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	S	894,--	282,--	320,--	1.117,--	2.580,--	470,--	-	
LH114/4DC-7.2	6.603,--	151,--	105,--	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	S	894,--	282,--	320,--	1.117,--	2.580,--	470,--	-	
LH124/4CC-6.2	7.323,--	158,--	95,--	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	S	894,--	282,--	320,--	1.117,--	3.005,--	940,--	-	
LH124/4CC-9.2	7.449,--	164,--	95,--	46,--	273,--	-	65,--	53,--	759,--	48,--	321,--	48,--	S	S	894,--	282,--	320,--	1.117,--	3.005,--	940,--	-	
LH124/4TCS-8.2	8.407,--	212,--	95,--	-	273,--	-	65,--	63,--	759,--	48,--	321,--	48,--	S	S	1.075,--	282,--	320,--	1.117,--	3.005,--	940,--	-	
LH124/4TCS-12.2	8.591,--	221,--	95,--	-	273,--	-	65,--	63,--	759,--	48,--	321,--	48,--	S	S	1.075,--	282,--	320,--	1.117,--	3.005,--	940,--	-	
LH135/4PCS-10.2	10.382,--	230,--	S	-	273,--	-	65,--	63,--	971,--	48,--	321,--	48,--	S	S	1.287,--	494,--	320,--	1.117,--	3.152,--	-	-	
LH135/4PCS-15.2 (10)	10.587,--	240,--	S	-	273,--	-	65,--	63,--	971,--	48,--	321,--	48,--	S	S	1.287,--	494,--	320,--	1.117,--	3.152,--	-	-	
LH135/4NCS-12.2	10.974,--	260,--	S	-	273,--	-	65,--	63,--	971,--	48,--	321,--	48,--	S	S	1.287,--	494,--	664,--	1.636,--	3.152,--	-	-	
LH135/4NCS-20.2 (10)	11.299,--	276,--	S	-	273,--	-	65,--	63,--	971,--	48,--	321,--	48,--	S	S	1.287,--	494,--	664,--	1.636,--	3.152,--	-	-	
LH135/4J-13.2 (10)	12.777,--	341,--	S	-	-	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	S	S	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-
LH135/4J-22.2 (10)	13.144,--	359,--	S	-	-	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	S	S	1.427,--	634,--	664,--	1.636,--	3.152,--	-	-

Extent of delivery and additional information: see pages 22, 24.

Note! For any other voltage supply than stated, please consider a surcharge for special voltage motor.

- (1) Standard voltage for compressor: 2KC-05.2..4CC-9.2: 230VD/380..420VY/3/50Hz, 440..480V/3/60Hz 4TCS-8.2..4J-22.2: 380..420VYY/3/50Hz, 440..480V/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 4FC-3.2..4J-13.2: 1x capacity regulator (= 50%)
- (4) 2KC-05.2..2FC-2.2: 0..60 W (PTC heater with temp. control) 2EC-2.2..4NCS-20.2: 0..120 W (PTC heater with temp. control) 4J-13.2..4J-22.2: 140 W
- (5) Standard voltage for fan motor: LH33..LH124: 230V/1/50&60Hz; LH135: 380..420V/3/50Hz, 440..480V/3/60Hz
- (6) Standard voltage 380..420V/3/50Hz, 440..480V/3/60Hz
- (7) 1x sight glass: LH33/.. & LH104/.. to LH135/.. 2x sight glass: LH33/.. to LH84/..
- (8) LH33..LH84/2CC-4.2: check valve only together with oil separator
- (9) For compressors with displacement > 50 m³/h: "Dual HP switch"
- (10) Units identical with "Standard" version
- (11) Standard dimensions; a correction may be necessary
- (12) When ordering, please specify pressure range: 4.0 to 12.5 bar or 9.2 to 21.2 bar
- (13) Only possible with dressed unit
- (14) LH../4FC-3.2...LH../4CC-9.2: Oil level control requires special bearing cover



Type	Price EUR	Additional Charges EUR																
		Condensing Unit. Compressor and Fan with Standard Motor (1)(4)	Motor for Special Voltage	Bearing Cover (9) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(9), mounted	Crankcase Heater (2)(3)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (6) in Disch. Line	Capacity Regulator, Standard Coil (2)	Special Voltage Coil for Start Unloader / Capacity Regulator	Liquid Receiver with 2 Sight Glasses and Connection for Safety Valve	Oil Separator, mounted with integrated Check Valve (6) in Discharge Line	Check Valve (6), integrated in Discharge Line	High & Low Pressure Switch, mounted	Dressed Unit Accessory Package	Weather Protection Housing (packed separately)	Electronic Speed Control Device for Condenser Fan, not mounted (7)	Electronic Speed Control Device for Condenser Fan, mounted in Liquid Line (7)(8)
LD033/2KC-05.2	2.434,--	62,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	574,--	585,--	470,--	470,--	
LD033/2JC-07.2	2.446,--	62,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	574,--	585,--	470,--	470,--	
LD053/2JC-07.2	2.733,--	62,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	587,--	706,--	470,--	470,--	
LD044/2HC-1.2	2.566,--	63,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	574,--	585,--	470,--	470,--	
LD054/2HC-2.2	2.837,--	64,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	587,--	706,--	470,--	470,--	
LD053/2GC-2.2	2.774,--	64,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	587,--	706,--	470,--	470,--	
LD054/2GC-2.2	2.837,--	64,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	587,--	706,--	470,--	470,--	
LD054/2FC-2.2	2.894,--	67,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	587,--	706,--	470,--	470,--	
LD064/2FC-3.2	3.352,--	70,--	-	-	53,--	24,--	-	-	-	74,--	633,--	-	320,--	587,--	821,--	470,--	470,--	
LD054/2EC-2.2	3.429,--	94,--	-	-	65,--	44,--	-	-	-	74,--	698,--	-	320,--	587,--	706,--	470,--	470,--	
LD074/2EC-3.2	4.082,--	102,--	-	-	65,--	44,--	-	-	-	74,--	698,--	-	320,--	587,--	906,--	470,--	470,--	
LD064/2DC-2.2	3.902,--	98,--	-	-	65,--	44,--	-	-	-	74,--	698,--	-	320,--	587,--	821,--	470,--	470,--	
LD074/2CC-3.2	4.082,--	102,--	-	-	65,--	44,--	-	-	-	74,--	698,--	-	320,--	587,--	906,--	470,--	470,--	
LD074/4FC-3.2	4.259,--	102,--	46,--	273,--	65,--	65,--	703,--	321,--	48,--	74,--	698,--	226,--	320,--	587,--	906,--	470,--	470,--	

Extent of delivery:

Semi-hermetic reciprocating compressors (see page 4), base plate, air-cooled condenser, 2 fans enclosure class IP 54, complete with blade and guard, receiver with rotalock shut-off valve for liquid & pressure gauge connection, approval according to the EC Pressure Equipment Directive (PED) 97/23/EC – other approvals on request; discharge line and protective charge.

Dressed Unit: see information on page 22

Note! For any other voltage supply than stated, please consider a surcharge for special voltage motor.

- (1) Standard voltage for compressor: 230VD/380..420VY/3/50Hz, 440..480VY/3/60Hz
- (2) Standard voltage 230V/1/50&60Hz
- (3) 2KC-05.2..2FC-3.2: 0..60 W (PTC heater with temp. control)
2EC-2.2..4FC-3.2: 0..120 W (PTC heater with temp. control)
- (4) Standard voltage for fan motor: 230V/1/50&60Hz
- (5) Standard voltage 380..420V/3/50Hz, 440..480V/3/60Hz
- (6) Standard dimensions; a correction may be necessary, depending on operating conditions
- (7) When ordering, please specify pressure range: 4.0 to 12.5 bar or 9.2 to 21.2 bar
- (8) Only possible with dressed unit
- (9) Oil level control requires special bearing cover



Type	Price EUR		Additional Charge EUR		
			Discharge Line with Fixing Clamp	Reference Number for Discharge Line with Fixing Clamp (2)	Reference number for Compressor Fixing Rails (2)
Designation of Standard Unit <u>with</u> Compressor	Condensing Unit without Compressor & Discharge Line	Designation			
LH32/2KC-05.2	922,--	LH32/FS36	36,--	360318-05	
LH32/2JC-07.2	922,--	LH32/FS36	36,--	360318-05	
LH33/2HC-1.2	928,--	LH33/FS36	36,--	360318-05	
LH33/2HC-2.2	928,--	LH33/FS36	36,--	360318-05	
LH33/2GC-2.2	928,--	LH33/FS36	36,--	360318-05	
LH44/2GC-2.2	1.073,--	LH44/FS56/C1	36,--	360318-05	
LH44/2FC-2.2	1.073,--	LH44/FS56/C1	36,--	360318-05	
LH44/2FC-3.2	1.073,--	LH44/FS56/C1	36,--	360318-05	
LH44/2EC-2.2	1.073,--	LH44/FS56/C2	45,--	360318-06	
LH64/2EC-3.2	1.504,--	LH64/FS76	45,--	360328-03	
LH53/2DC-2.2	1.333,--	LH53/FS56	36,--	360318-08	
LH64/2DC-3.2	1.504,--	LH64/FS76	45,--	360328-03	
LH64/2CC-3.2	1.504,--	LH64/FS76	45,--	360328-03	
LH84/2CC-4.2	1.943,--	LH84/FS126	45,--	360328-03	
LH64/4FC-3.2	1.504,--	LH64/FS76	45,--	360328-04	
LH84/4FC-5.2	1.943,--	LH84/FS126	45,--	360328-04	
LH64/4EC-4.2	1.504,--	LH64/FS76	45,--	360328-04	
LH84/4EC-6.2	1.943,--	LH84/FS126	45,--	360328-04	
LH84/4DC-5.2	1.943,--	LH84/FS126	45,--	360328-05	
LH104/4DC-7.2	3.062,--	LH104/F152H	63,--	360328-07	327301-22
LH84/4CC-6.2	1.943,--	LH84/FS126	45,--	360328-05	
LH114/4CC-9.2	3.459,--	LH114/F152H	64,--	360348-08	327301-22

Type	Price EUR		Additional Charge EUR		
			Discharge Line with Fixing Clamp (1)	Reference Number for Discharge Line with Fixing Clamp (2)	Reference number for Compressor Fixing Rails (2)
Designation of Standard Unit <u>with</u> Compressor	Condensing Unit without Compressor & Discharge Line	Designation			
LH104/4TCS-8.2	3.062,--	LH104/F152H	64,--	360358-30	
LH114/4TCS-12.2	3.459,--	LH114/F152H	64,--	360358-31	
LH114/4PCS-10.2	3.459,--	LH114/F152H	64,--	360358-31	327301-24
LH135/4PCS-15.2	5.635,--	LH135/F302H	64,--	360358-32	
LH124/4NCS-12.2	4.026,--	LH124/F302H	64,--	360358-32	
LH135/4NCS-20.2	5.635,--	LH135/F302H	64,--	360358-32	
LH135/4J-13.2	5.635,--	LH135/F302H	73,--	360358-04	
LH135/4J-22.2	5.635,--	LH135/F302H	73,--	360358-04	
LH135/4H-15.2	5.635,--	LH135/F302H	73,--	360358-04	
LH135/4H-25.2	5.635,--	LH135/F302H	73,--	360358-04	
LH135/4G-20.2	5.635,--	LH135/F302H	73,--	360358-04	
LH135/6J-22.2	5.635,--	LH135/F302H	77,--	360368-01	327301-10
LH135/6H-25.2	5.635,--	LH135/F302H	77,--	360368-01	
LH 104/S4T-5.2	3.062,--	LH104/F152H	142,--	360348-05	
LH 104/S4N-8.2	3.062,--	LH104/F152H	142,--	360348-05	
LH 124/S4G-12.2	4.026,--	LH124/F302H	183,--	360358-05	
LH 135/S6J-16.2	5.635,--	LH135/F302H	183,--	360358-06	
LH 135/S6H-20.2	5.635,--	LH135/F302H	183,--	360358-06	
LH 135/S6G-25.2	5.635,--	LH135/F302H	183,--	360358-06	

- (1) Discharge line for units with 2-stage compressors including muffler
- (2) Reference number must be specified when ordering

Detailed Information on Compressors & Condensing Units see pages 4, 6, 22, 23



Type	Price EUR	Additional Charges EUR														
		Condensing Unit (1)	Bearing Cover (4) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(4), mounted	Crankcase Heater (2)(3)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Liquid Receiver with Connection for Pressure Relief Valve and 2x Sight Glasses	Weather Protection Housing	Electrical Switch Board	Programmable Controller	High Pressure Switch (5), mounted	Electronic Speed Control Device for Condenser Fan	Adjustable Mounting Blocks Complete Set	Transport Lugs for Lifting Devices, mounted	Sound Jacket for Compressor, mounted (6)	Sensor for Cold Space Temperature
LHV6/2DC-3.F1Y	11.954,--	-	-	€	€	€	€	€	€	€	€	59,--	87,--	-	43,--	
LHV6/4FC-5.F1Y	12.589,--	€	273,--	€	€	€	€	€	€	€	€	59,--	87,--	560,--	43,--	
LHV6/4EC-6.F1Y	13.268,--	€	273,--	€	€	€	€	€	€	€	€	59,--	87,--	560,--	43,--	
LHV6/4DC-5.F1Y	13.526,--	€	273,--	€	€	€	€	€	€	€	€	59,--	87,--	560,--	43,--	
LHV6/4DC-7.F3Y	14.359,--	€	273,--	€	€	€	€	€	€	€	€	59,--	87,--	560,--	43,--	
LHV6/4CC-6.F1Y	13.912,--	€	273,--	€	€	€	€	€	€	€	€	59,--	87,--	560,--	43,--	
LHV6/4CC-9.F3Y	15.458,--	€	273,--	€	€	€	€	€	€	€	€	59,--	87,--	560,--	43,--	

Extent of delivery:

Semi-hermetic reciprocating compressor (see page 4) with integral frequency inverter for stepless capacity control, base plate, air-cooled condenser with 2 fans enclosure class IP54, complete with guard, receiver with rotalock shut-off valve for liquid & pressure gauge connection, 2 sight glasses, connection for pressure relief valve, approval according to EC Pressure Equipment Directive (PED) 97/23/EC.

Discharge line, suction line and liquid line (incl. sight glass and filter drier) mounted to the outer contour of the unit, weather protective housing, protective charge.

Electrical switchboard incl. main switch, contactors, programmable controller for compressor speed and unit control, with connections for analog input, high & low pressure transducers and high pressure switch, electronic fan speed control; all electrical and electronic components pre-wired to terminal strips in switchboard.

- (1) Standard voltage for unit: 380..420V/3/50Hz // 380V/3/60Hz - Power supply with neutral required
- (2) Standard voltage 230V/1/50&60Hz
- (3) 0..120 W (PTC heater with temp. control)
- (4) Oil level control requires special bearing cover
- (5) Additional high pressure protection
- (6) Only for use in HT (R134a) and MT (R134a, R404A)



Type	Price EUR	Additional Charges EUR																	
		Condensing Unit, Compr.: Standard Motor (1), Condenser: Standard	Motor for Special Voltage	Bearing Cover (8) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(8), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants - Compressor Designation "Y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (7) in Disch. Line	Special Voltage Coil for Start Unloader	Capacity Regulator, Standard Coil (2)(3)	Special Voltage Coil for Capacity Regulator	Additional Fan	Oil Separator, mounted with integrated Check Valve in Discharge Line (7)	Check Valve, integrated in Discharge Line (5)(7)	High & Low Pressure Switch, mounted (6)	Condenser with Plastic Coated Cover	Sight Glass (Condenser)	Copper Weight (kg), Surcharge: see Condenser	
K073H/2KC-05.2	2.115,--	62,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	2.08		
K073H/2JC-07.2	2.127,--	62,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	2.08		
K073H/2HC-1.2	2.140,--	63,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	2.08		
K073H/2HC-2.2	2.169,--	64,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	2.08		
K073H/2GC-2.2	2.169,--	64,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	2.08		
K073H/2FC-2.2	2.226,--	67,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	2.08		
K123H/2FC-3.2	2.404,--	70,--	-	-	53,--	24,--	-	-	-	-	264,--	633,--	-	320,--	82,--	S	3.07		
K123H/2EC-2.2	2.884,--	94,--	-	-	65,--	44,--	-	-	-	-	312,--	698,--	-	320,--	82,--	S	3.07		
K123H/2EC-3.2	3.037,--	102,--	-	-	65,--	44,--	-	-	-	-	312,--	698,--	-	320,--	82,--	S	3.07		
K123H/2DC-2.2	2.963,--	98,--	-	-	65,--	44,--	-	-	-	-	312,--	698,--	-	320,--	82,--	S	3.07		
K123H/2DC-3.2	3.047,--	102,--	-	-	65,--	44,--	-	-	-	-	312,--	698,--	-	320,--	82,--	S	3.07		
K123H/2CC-3.2	3.037,--	102,--	-	-	65,--	44,--	-	-	-	-	312,--	698,--	-	320,--	82,--	S	3.07		
K203H/2CC-4.2	3.550,--	106,--	-	-	65,--	44,--	-	-	-	-	312,--	698,--	-	320,--	110,--	S	4.61		
K203H/4FC-3.2	3.635,--	111,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	110,--	S	4.61		
K203H/4FC-5.2	3.875,--	122,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	110,--	S	4.61		
K203H/4EC-4.2	3.693,--	113,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	110,--	S	4.61		
K203H/4EC-6.2	4.033,--	130,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	110,--	S	4.61		
K203H/4DC-5.2	4.289,--	143,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	110,--	S	4.61		
K283H/4DC-7.2	4.747,--	151,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	110,--	S	6.14		
K203H/4CC-6.2	4.579,--	158,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	110,--	S	4.61		
K373H/4CC-9.2	5.166,--	164,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	110,--	S	10.18		
K283H/4TCS-8.2	5.978,--	212,--	S	273,--	65,--	63,--	759,--	48,--	321,--	48,--	401,--	1.075,--	282,--	320,--	110,--	S	6.14		
K373H/4TCS-12.2	6.308,--	221,--	S	273,--	65,--	63,--	759,--	48,--	321,--	48,--	401,--	1.075,--	282,--	320,--	110,--	S	10.18		
K373H/4PCS-10.2	6.487,--	230,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	320,--	110,--	S	10.18		
K573H/4PCS-15.2	7.597,--	240,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	320,--	178,--	S	14.87		
K373H/4NCS-12.2	7.093,--	260,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	664,--	110,--	S	10.18		
K573H/4NCS-20.2	8.310,--	276,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	664,--	178,--	S	14.87		

Extent of delivery: Semi-hermetic compressor (see pages 4, 6), mounted on shell and tube condenser (see page 58), discharge line, fixing rails below and above, protective charge.

(1)..(4) see pages 4, 6
 (5) 2KC-05.2..2CC-4.2: check valve only together with oil separator

(6) For compressors with displacement > 50m³/h: "Dual HP switch"
 (7) Standard dimension, correction may be necessary
 (8) K../4FC-3.2..K../4CC-9.2: Oil level control requires special bearing cover



Type	Price EUR	Additional Charges EUR																	
		Condensing Unit, Compr.: Standard Motor (1), Condenser: Standard	Motor for Special Voltage	Oil Pressure Switch MF54 (2), mounted	Electronic Oil Pressure Switch "Delta P" (2), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants - Compr. Designation "Y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (5) in Disch. Line	Special Voltage Coil for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	Special Voltage Coil for Capacity Regulator	Additional Fan	Oil Separator, mounted with integrated Check Valve in Discharge Line (5)	Check Valve (5), integrated in Discharge Line	High & Low Pressure Switch, mounted (7)	Liquid Subcooler, mounted	Water-cooled Cylinder Heads (6)	Seawater Resistant Coated Cylinder Heads (6)	Condenser with Plastic Coated Cover
K573H/4J-13.2	9.757,--	341,--	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	178,--	14.87
K573H/4J-22.2	10.125,--	359,--	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	178,--	14.87
K573H/4H-15.2	9.778,--	342,--	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	178,--	14.87
K813H/4H-25.2	10.541,--	360,--	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	178,--	18.93
K573H/4G-20.2	10.644,--	384,--	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	178,--	14.87
K813H/4G-30.2	11.371,--	400,--	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	178,--	18.93
K573H/6J-22.2	11.459,--	422,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	178,--	14.87
K813H/6J-33.2	13.161,--	486,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	178,--	18.93
K813H/6H-25.2	12.127,--	435,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	178,--	18.93
K1053H/6H-35.2	13.979,--	500,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	178,--	29.99
K813H/6G-30.2	13.449,--	500,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	178,--	18.93
K1353T/6G-40.2	15.343,--	534,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	178,--	34.7
K1053H/6F-40.2	16.492,--	606,--	297,--	273,--	74,--	114,--	1.314,--	48,--	331,--	48,--	401,--	2.063,--	812,--	664,--	-	237,--	318,--	178,--	29.99
K1353T/6F-50.2	17.491,--	623,--	297,--	273,--	74,--	114,--	1.314,--	48,--	331,--	48,--	401,--	2.063,--	812,--	664,--	-	237,--	318,--	178,--	34.7
K1353T/44H-30.2	19.927,--	704,--	594,--	546,--	148,--	194,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	178,--	34.7
K1353T/44H-50.2	21.448,--	778,--	594,--	546,--	148,--	218,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	178,--	34.7
K1353T/44G-40.2	21.981,--	800,--	594,--	546,--	148,--	218,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	178,--	34.7
K1973T/44G-60.2	24.870,--	832,--	594,--	546,--	148,--	218,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	331,--	50.13
K1353T/66J-44.2	23.598,--	879,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	178,--	34.7
K1973T/66J-66.2	28.434,--	1.006,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	331,--	50.13
K1973T/66H-50.2	26.375,--	905,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	331,--	50.13
K1973T/66H-70.2	29.014,--	1.034,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	331,--	50.13
K1973T/66G-60.2	29.014,--	1.034,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	331,--	50.13
K2923T/66G-80.2	32.008,--	1.103,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	331,--	73.26
K1973T/66F-80.2	33.557,--	1.247,--	594,--	546,--	148,--	228,--	2.628,--	96,--	331,--	48,--	802,--	4.126,--	1.624,--	1.328,--	-	474,--	636,--	331,--	50.13
K2923T/66F-100.2	35.821,--	1.280,--	594,--	546,--	148,--	228,--	2.628,--	96,--	331,--	48,--	802,--	4.126,--	1.624,--	1.328,--	-	474,--	636,--	331,--	73.26
K373H/S4T-5.2	7.206,--	271,--	297,--	273,--	70,--	66,--	-	-	-	-	-	894,--	282,--	320,--	1.168,--	-	-	110,--	10.18
K373H/S4N-8.2	7.765,--	299,--	297,--	273,--	70,--	66,--	-	-	-	-	-	894,--	282,--	320,--	1.168,--	-	-	110,--	10.18
K573H/S4G-12.2	11.503,--	427,--	297,--	273,--	74,--	109,--	-	-	-	-	-	1.075,--	282,--	664,--	1.168,--	-	-	178,--	14.87
K573H/S6J-16.2	13.649,--	532,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	178,--	14.87
K573H/S6H-20.2	13.928,--	545,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	178,--	14.87
K813H/S6G-25.2	15.667,--	611,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	178,--	18.93
K813H/S6F-30.2	17.894,--	720,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	178,--	18.93
K1353T/S66J-32.2	28.004,--	1.094,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	178,--	34.7
K1353T/S66H-40.2	29.246,--	1.154,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	178,--	34.7
K1353T/S66G-50.2	31.932,--	1.285,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	178,--	34.7
K1353T/S66F-60.2	36.393,--	1.503,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	178,--	34.7

Extent of delivery: Semi-hermetic compressor (see pages 12, 15) mounted on shell and tube condenser (see page 58), discharge line, fixing rails below and above, protective charge.

(1)..(4) see pages 12, 15

(5) Standard dimension, correction may be necessary

(6) All cylinder heads

(7) For compressors with displacement > 50m³/h:

"Dual HP switch"



Type	Price EUR	Additional Charges EUR															
		Motor for Special Voltage	Bearing Cover (8) prepared for Electronic Oil Level Control	Electronic Oil Level Control OLC-K1 (2)(8), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (7) in Disch. Line	Special Voltage Coil for Start Unloader	Capacity Regulator, Standard Coil (2)(3)	1x Special Voltage Coil for Capacity Regulator	Additional Fan	Oil Separator, mounted with integrated Check Valve in Discharge Line (7)	Check Valve, integrated in Discharge Line (5)(7)	High & Low Pressure Switch, mounted (6)	Condenser with Plastic Coated Cover	Sight Glass (Condenser)	CU-Ni Weight (kg), Surcharge: see Condenser
K073HB/2KC-05.2	2.446,--	62,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	2.08	
K073HB/2JC-07.2	2.456,--	62,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	2.08	
K073HB/2HC-1.2	2.471,--	63,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	2.08	
K073HB/2HC-2.2	2.496,--	64,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	2.08	
K073HB/2GC-2.2	2.496,--	64,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	2.08	
K073HB/2FC-2.2	2.553,--	67,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	2.08	
K123HB/2FC-3.2	2.749,--	70,--	-	-	53,--	24,--	-	-	-	264,--	633,--	-	320,--	S	S	3.07	
K123HB/2EC-2.2	3.243,--	94,--	-	-	65,--	44,--	-	-	-	312,--	698,--	-	320,--	S	S	3.07	
K123HB/2EC-3.2	3.400,--	102,--	-	-	65,--	44,--	-	-	-	312,--	698,--	-	320,--	S	S	3.07	
K123HB/2DC-2.2	3.320,--	98,--	-	-	65,--	44,--	-	-	-	312,--	698,--	-	320,--	S	S	3.07	
K123HB/2DC-3.2	3.410,--	102,--	-	-	65,--	44,--	-	-	-	312,--	698,--	-	320,--	S	S	3.07	
K123HB/2CC-3.2	3.400,--	102,--	-	-	65,--	44,--	-	-	-	312,--	698,--	-	320,--	S	S	3.07	
K203HB/2CC-4.2	4.080,--	106,--	-	-	65,--	44,--	-	-	-	312,--	698,--	-	320,--	S	S	4.61	
K203HB/4FC-3.2	4.165,--	111,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	S	S	4.61
K203HB/4FC-5.2	4.402,--	122,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	S	S	4.61
K203HB/4EC-4.2	4.219,--	113,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	S	S	4.61
K203HB/4EC-6.2	4.559,--	130,--	46,--	273,--	65,--	53,--	703,--	48,--	321,--	48,--	401,--	755,--	226,--	320,--	S	S	4.61
K203HB/4DC-5.2	4.820,--	143,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	S	S	4.61
K283HB/4DC-7.2	5.417,--	151,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	S	S	6.14
K203HB/4CC-6.2	5.109,--	158,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	S	S	4.61
K373HB/4CC-9.2	5.887,--	164,--	46,--	273,--	65,--	53,--	759,--	48,--	321,--	48,--	401,--	894,--	282,--	320,--	S	S	10.18
K283HB/4TCS-8.2	6.650,--	212,--	S	273,--	65,--	63,--	759,--	48,--	321,--	48,--	401,--	1.075,--	282,--	320,--	S	S	6.14
K373HB/4TCS-12.2	7.026,--	221,--	S	273,--	65,--	63,--	759,--	48,--	321,--	48,--	401,--	1.075,--	282,--	320,--	S	S	10.18
K373HB/4PCS-10.2	7.207,--	230,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	320,--	S	S	10.18
K573HB/4PCS-15.2	8.624,--	240,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	320,--	S	S	14.87
K373HB/4NCS-12.2	7.810,--	260,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	664,--	S	S	10.18
K573HB/4NCS-20.2	9.336,--	276,--	S	273,--	65,--	63,--	971,--	48,--	321,--	48,--	401,--	1.287,--	494,--	664,--	S	S	14.87

Extent of delivery: Semi-hermetic compressor (see pages 4, 6), mounted on shell and tube condenser (see page 58), discharge line, fixing rails below and above, protective charge.

(1)..(4) see pages 4, 6

(5) 2KC-05.2..2CC-4.2: check valve only together with oil separator

(6) For compressors with displacement > 50m³/h: "Dual HP switch"

(7) Standard dimension, correction may be necessary

(8) K../4FC-3.2..K../4CC-9.2: Oil level control requires special bearing cover



Type	Price EUR	Additional Charges EUR																	
		Condensing Unit, Compr.: Standard Motor (1), Condenser: Standard	Motor for Special Voltage	Oil Pressure Switch MP54 (2), mounted	Electronic Oil Pressure Switch "Delta P" (2), mounted	Crankcase Heater (2)(4)	Ester Oil for HFC Refrigerants - Compr. Designation "y"	Start Unloader, Standard Coil (2), Disch. Temp. Control, Check Valve (5) in Disch. Line	Special Voltage Coil for Start Unloader	1x Capacity Regulator, Standard Coil (2)(3)	Special Voltage Coil for Capacity Regulator	Additional Fan	Oil Separator, mounted with integrated Check Valve in Discharge Line (5)	Check Valve (5), integrated in Discharge Line	High & Low Pressure Switch, mounted (7)	Liquid Subcooler, mounted	Water-cooled Cylinder Heads (6)	Seawater Resistant Coated Cylinder Heads (6)	Condenser with Plastic Coated Cover
K573HB/4J-13.2	10.782,--	341,--	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	S	14.87
K573HB/4J-22.2	11.151,--	359,--	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	S	14.87
K573HB/4H-15.2	10.802,--	342,--	297,--	273,--	74,--	97,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	S	14.87
K813HB/4H-25.2	11.867,--	360,--	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	S	18.93
K573HB/4G-20.2	11.669,--	384,--	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	S	14.87
K813HB/4G-30.2	12.695,--	400,--	297,--	273,--	74,--	109,--	1.136,--	48,--	331,--	48,--	401,--	1.427,--	634,--	664,--	-	158,--	212,--	S	18.93
K573HB/6J-22.2	12.486,--	422,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	S	14.87
K813HB/6J-33.2	14.487,--	486,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	S	18.93
K813HB/6H-25.2	13.452,--	435,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	S	18.93
K1053HB/6H-35.2	15.442,--	500,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	S	29.99
K813HB/6G-30.2	14.778,--	500,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	S	18.93
K1353TB/6G-40.2	17.180,--	534,--	297,--	273,--	74,--	114,--	1.194,--	48,--	331,--	48,--	401,--	1.570,--	692,--	664,--	-	237,--	318,--	S	34.7
K1053HB/6F-40.2	17.955,--	606,--	297,--	273,--	74,--	114,--	1.314,--	48,--	331,--	48,--	401,--	2.063,--	812,--	664,--	-	237,--	318,--	S	29.99
K1353TB/6F-50.2	19.332,--	623,--	297,--	273,--	74,--	114,--	1.314,--	48,--	331,--	48,--	401,--	2.063,--	812,--	664,--	-	237,--	318,--	S	34.7
K1353TB/44H-30.2	21.764,--	704,--	594,--	546,--	148,--	194,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	S	34.7
K1353TB/44H-50.2	23.286,--	778,--	594,--	546,--	148,--	218,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	S	34.7
K1353TB/44G-40.2	23.820,--	800,--	594,--	546,--	148,--	218,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	S	34.7
K1973TB/44G-60.2	27.630,--	832,--	594,--	546,--	148,--	218,--	2.272,--	96,--	331,--	48,--	802,--	2.854,--	1.268,--	1.328,--	-	316,--	424,--	S	50.13
K1353TB/66J-44.2	25.439,--	879,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	S	34.7
K1973TB/66J-66.2	31.194,--	1.006,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	S	50.13
K1973TB/66H-50.2	29.137,--	905,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	S	50.13
K1973TB/66H-70.2	31.776,--	1.034,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	S	50.13
K1973TB/66G-60.2	31.776,--	1.034,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	S	50.13
K2923TB/66G-80.2	35.890,--	1.103,--	594,--	546,--	148,--	228,--	2.388,--	96,--	331,--	48,--	802,--	3.140,--	1.384,--	1.328,--	-	474,--	636,--	S	73.26
K1973TB/66F-80.2	36.316,--	1.247,--	594,--	546,--	148,--	228,--	2.628,--	96,--	331,--	48,--	802,--	4.126,--	1.624,--	1.328,--	-	474,--	636,--	S	50.13
K2923TB/66F-100.2	39.699,--	1.280,--	594,--	546,--	148,--	228,--	2.628,--	96,--	331,--	48,--	802,--	4.126,--	1.624,--	1.328,--	-	474,--	636,--	S	73.26
K373HB/S4T-5.2	7.924,--	271,--	297,--	273,--	70,--	66,--	-	-	-	-	-	894,--	282,--	320,--	1.168,--	-	-	S	10.18
K373HB/S4N-8.2	8.486,--	299,--	297,--	273,--	70,--	66,--	-	-	-	-	-	894,--	282,--	320,--	1.168,--	-	-	S	10.18
K573HB/S4G-12.2	12.528,--	427,--	297,--	273,--	74,--	109,--	-	-	-	-	-	1.075,--	282,--	664,--	1.168,--	-	-	S	14.87
K573HB/S6J-16.2	14.673,--	532,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	S	14.87
K573HB/S6H-20.2	14.955,--	545,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	S	14.87
K813HB/S6G-25.2	16.997,--	611,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	S	18.93
K813HB/S6F-30.2	19.221,--	720,--	297,--	273,--	74,--	114,--	-	-	-	-	-	1.427,--	634,--	664,--	1.439,--	-	-	S	18.93
K1353TB/S66J-32.2	29.840,--	1.094,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	S	34.7
K1353TB/S66H-40.2	31.081,--	1.154,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	S	34.7
K1353TB/S66G-50.2	33.769,--	1.285,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	S	34.7
K1353TB/S66F-60.2	38.232,--	1.503,--	594,--	546,--	148,--	228,--	-	-	-	-	-	2.854,--	1.268,--	1.328,--	2.878,--	-	-	S	34.7

Extent of delivery: Semi-hermetic compressor (see pages 4, 6), mounted on shell and tube condenser (see page 58), discharge line, fixing rails below and above, protective charge.

(1)..(4) see pages 4, 6

(5) Standard dimension, correction may be necessary

(6) All cylinder heads

(7) For compressors with displacement > 50m³/h: "Dual HP switch"



Type	Price EUR	Additional Charges EUR																				
		Compressor	Flywheel / Pulley	Oil Pressure Switch MP55A (1) – not mounted	Crankcase Heater (1)(2)	Coupling for Low Temperature Application (4)	Coupling Type	Coupling for Medium & High Temperature Application (4)	Coupling Type	Coupling Housing (5) for B3/B5 IEC-Motors (Flange Diameter 300/400 mm)	Coupling Housing (5) for B3/B5 IEC-Motors (Flange Diameter 350 mm)	Coupling Housing (6) for B3/B5 IEC-Motors (Flange Diameter 450 mm)	Start Unloader, Standard Coil (1) Discharge Temperature Sensor & Control Module, w/o Check Valve	1x Capacity Regulator, Standard Coil (1)(3)	1x Special Voltage Coil for Start Unloader / Capacity Regulator	Check Valve (7) for Start Unloader	Discharge Temperature Sensor and Control Module (1)	Oil Service Valve	Oil Separator for Medium and Low Temp. Application (7), not mounted (Check Valve Required)	Oil Separator Type	Screwed Nipple (8) for Pressure Switch & Oil Return - not mounted	Water-cooled Cylinder Heads (9)
W2TA	3.300,--	118,--	747,--	65,--	-	-	298,--	KK211	398,--	-	-	585,--	-	48,--	on request	240,--	-	1.342,--	OAS 322	14,--	S	107,--
W2NA	3.570,--	118,--	747,--	65,--	-	-	max 11kW	398,--	-	-	585,--	-	48,--	240,--		-	1.342,--	OAS 322	14,--	S	107,--	
W4TA	4.252,--	161,--	747,--	70,--	-	-	298,--	KK411	398,--	436,--	-	585,--	321,--	48,--		240,--	283,--	1.342,--	OAS 322	14,--	S	214,--
W4PA	4.728,--	161,--	747,--	70,--	-	-	max 11kW	398,--	436,--	-	585,--	321,--	48,--	240,--		283,--	1.963,--	OAS 744	14,--	S	214,--	
W4NA	4.937,--	161,--	747,--	70,--	-	-	591,--	KK420	398,--	436,--	-	585,--	321,--	48,--		240,--	283,--	1.963,--	OAS 744	14,--	S	214,--
W4HA	7.212,--	240,--	747,--	74,--	591,--	KK625	591,--	KK620	527,--	527,--	795,--	613,--	331,--	48,--		240,--	34,--	1.963,--	OAS 744	14,--	S	212,--
W4GA	7.321,--	240,--	747,--	74,--	941,--	max 22kW	max 22kW	527,--	527,--	795,--	613,--	331,--	48,--	240,--		34,--	1.963,--	OAS 744	14,--	S	212,--	
W6HA	9.090,--	240,--	747,--	74,--		KK630	941,--	KK630	527,--	527,--	795,--	613,--	331,--	48,--		240,--	34,--	1.963,--	OAS 744	14,--	S	318,--
W6GA	9.270,--	240,--	747,--	74,--		max 45kW	max 45kW	527,--	527,--	795,--	613,--	331,--	48,--	240,--		34,--	1.963,--	OAS 744	14,--	S	318,--	
W6FA	9.669,--	240,--	747,--	74,--				527,--	527,--	795,--	613,--	331,--	48,--	240,--		34,--	2.630,--	OAS1055	14,--	S	318,--	

Extent of delivery:

Compressor with oil charge, protective charge, water-cooled cylinder heads, suction & discharge shut-off valve, built-in pressure relief valve from W4HA.

Note!

For the application of W4HA..W6FA in systems with DX evaporators or automatic oil return through the suction line, a special compressor version must be used (on request).

- (1) Standard voltage 230V/1/50&60Hz
- (2) Type W2TA, W 2NA: 70 W
Type W4TA..W4NA: 100 W, Type W4HA..W6FA: 140 W
- (3) 4TA..4GA: 1x capacity regulator (= 50%)
6HA..6FA: 2x capacity regulators (= 66/33%)
- (4) Selection is valid for 4-pole motors. For 6-, 8-pole and 2-speed motors individual layout is required.
Coupling KK215, KK415 and KK425 for coupling housing with motor flange diameter from 300 mm

- (5) W2TA2/W2NA: motor flange diameter 300 mm, shaft length 80 mm (Part No. **300612-02**)
W4TA/W4NA: motor flange diameter 300 mm, shaft length 80 mm (Part No. **300612-03**)
W2TA..W4TA: motor flange diameter 350 mm, shaft length 110 mm (Part No. **300612-04**)
W4HA..W6FA: motor flange diameter 350 mm, shaft length 110 mm (Part No. **300612-05**)
alternat. motor flange diameter 400 mm, shaft length 110 mm (Part No. **300612-06**)
- (6) W4HA..W6FA: motor flange diameter 450 mm, shaft length 140 mm (Part No. **300612-07**)
- (7) Standard dimensions; a correction may be necessary, dependent on operating conditions
- (8) 2 pipe connections GE6-LL 1/8"NPT &
1x pipe connection GE8-PL 1/4"NPT (Part No. **369002-01**)
- (9) All cylinder heads



Type	Price EUR	Additional Charges EUR																
		TÜV Approval (1) – Charges for Preparation (Approval Cost on Expense)	Special Painting	Conversion Kit for Marine Application (2)	Ester Oil (HFC Refrigerants) with Conversion Kit for Marine Application	Start Unloader (SU) Prepared, without Control Valve	Discharge Temperature Sensor & Control Module (for SU)	Control Valve, Standard Coil for SU	Special Voltage Coil, for SU	1x Capacity Regulator (CR), Prepared without Control Valve	Control Valve, Standard Coil for 1x CR	Special Voltage Coil, for 1x CR						
2T.2	2.539,--	820,--	366,--	385,--	53,--	116,--	240,--	230,--	48,--	-	-	-						
2N.2	2.748,--	820,--	366,--	385,--	53,--	116,--	240,--	230,--	48,--	-	-	-						
4T.2	3.269,--	988,--	366,--	430,--	118,--	116,--	240,--	230,--	48,--	76,--	245,--	48,--						
4P.2	3.803,--	988,--	366,--	430,--	118,--	116,--	240,--	230,--	48,--	76,--	245,--	48,--						
4N.2	3.964,--	988,--	366,--	430,--	118,--	116,--	240,--	230,--	48,--	76,--	245,--	48,--						
4H.2	5.757,--	988,--	366,--	161,--	113,--	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
4G.2	5.864,--	988,--	366,--	161,--	113,--	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
6H.2	7.403,--	988,--	366,--	161,--	118,--	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
6G.2	7.581,--	988,--	366,--	161,--	118,--	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
6F.2	7.984,--	988,--	366,--	161,--	118,--	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
S6H.2	9.572,--	988,--	366,--	161,--	118,--	-	-	-	-	-	-	-						
S6G.2	9.753,--	988,--	366,--	161,--	118,--	-	-	-	-	-	-	-						
S6F.2	10.154,--	988,--	366,--	161,--	118,--	-	-	-	-	-	-	-						
W2TA	3.300,--	820,--	366,--	385,--	-	116,--	240,--	230,--	48,--	-	-	-						
W2NA	3.570,--	820,--	366,--	385,--	-	116,--	240,--	230,--	48,--	-	-	-						
W4TA	4.252,--	988,--	366,--	430,--	-	116,--	240,--	230,--	48,--	76,--	245,--	48,--						
W4PA	4.728,--	988,--	366,--	430,--	-	116,--	240,--	230,--	48,--	76,--	245,--	48,--						
W4NA	4.937,--	988,--	366,--	430,--	-	116,--	240,--	230,--	48,--	76,--	245,--	48,--						
W4HA	7.212,--	988,--	366,--	161,--	-	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
W4GA	7.321,--	988,--	366,--	161,--	-	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
W6HA	9.090,--	988,--	366,--	161,--	-	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
W6GA	9.270,--	988,--	366,--	161,--	-	124,--	240,--	247,--	48,--	84,--	247,--	48,--						
W6FA	9.669,--	988,--	366,--	161,--	-	124,--	240,--	247,--	48,--	84,--	247,--	48,--						

Extent of delivery, details on standard voltage, start unloader & capacity control:
 Type 2T.2..6F.2: see page 34
 Type W2TA..W6FA: see page 35

(1) Special approval (on request)
 TÜV = Technischer Überwachungsverein

(2) 4H.2..S6F.2 / W4HA..W6FA: not together with oil service valve

Compressors and Special Accessories for explosion proof applications on request.



Type	Price EUR	Additional Charges EUR																		
		Compressor Unit, without Electric Motor	Motor Pulley, V-Belts	Oil Pressure Switch MP54 (1), mounted	Electronic Oil Pressure Switch "Delta P" (1), mounted	Oil Pressure Switch MP55A (1), mounted	Crankcase Heater (1)(2)	Ester Oil for HFC Refrigerants Compressor Designation "y"	Start Unloader, Standard Coil (1) Discharge Temp. Sensor & Control Module, without Check Valve	Check Valve, not mounted (6)	Capacity Regulator, Standard Coil (1)(3)	Additional Fan (5)	Discharge Temp. Sensor and Control Module (1)	Water-cooled Cylinder Heads (4)	Seawater Resistant Coated Cylinder Heads (4)					
GA/II	962,--	48,--	-	-	-	-	17,--	-	-	-	-	-	-	-	-	-	-	-	-	-
GA/III	1.113,--	48,--	-	-	-	-	23,--	-	-	-	-	-	39,--	107,--	-	-	-	-	-	-
GA/IV	1.782,--	111,--	-	-	-	-	38,--	-	364,--	-	-	-	70,--	107,--	-	-	-	-	-	-
GA/V	2.837,--	123,--	-	-	-	65,--	47,--	-	420,--	-	-	-	66,--	107,--	-	-	-	-	-	-
GA/VI W	4.323,--	167,--	-	-	-	70,--	122,--	-	466,--	-	-	-	S	107,--	-	-	-	-	-	-
GA/VII W	5.997,--	250,--	-	-	-	70,--	145,--	-	627,--	-	-	-	S	107,--	-	-	-	-	-	-
GA/2T.2-S	3.718,--	162,--	297,--	273,--	-	65,--	42,--	585,--	145,--	-	401,--	240,--	70,--	107,--	-	-	-	-	-	-
GA/2N.2-S	3.929,--	162,--	297,--	273,--	-	65,--	42,--	585,--	145,--	-	401,--	240,--	70,--	107,--	-	-	-	-	-	-
GA/4T.2-S	4.567,--	172,--	297,--	273,--	-	70,--	97,--	585,--	145,--	321,--	401,--	240,--	140,--	214,--	-	-	-	-	-	-
GA/4P.2-S	5.105,--	172,--	297,--	273,--	-	70,--	97,--	585,--	311,--	321,--	401,--	240,--	140,--	214,--	-	-	-	-	-	-
GA/4N.2-S	5.269,--	172,--	297,--	273,--	-	70,--	97,--	585,--	311,--	321,--	401,--	240,--	140,--	214,--	-	-	-	-	-	-
Units with NH3 Compressors																				
GA/W2TA-S	4.489,--	162,--	-	-	823,--	65,--	-	585,--	on request	-	-	240,--	S	107,--	-	-	-	-	-	-
GA/W2NA-S	4.761,--	162,--	-	-	823,--	65,--	-	585,--	-	-	-	240,--	S	107,--	-	-	-	-	-	-
GA/W4TA-S	5.561,--	172,--	-	-	823,--	70,--	-	585,--	-	321,--	-	240,--	S	214,--	-	-	-	-	-	-
GA/W4PA-S	6.041,--	172,--	-	-	823,--	70,--	-	585,--	-	321,--	-	240,--	S	214,--	-	-	-	-	-	-
GA/W4NA-S	6.250,--	172,--	-	-	823,--	70,--	-	585,--	-	321,--	-	240,--	S	214,--	-	-	-	-	-	-

Extent of delivery:

Open type compressor (see pages 34, 35) incl. flywheel, base frame, motor mounting rails with tensioning screw, beltguard.

- (1) Standard voltage 230V/1/50&60Hz
- (2) Type III, IV, V, 2T.2, 2N.2, W2TA, W2NA: 70 W
Type VI, VII, 4T.2..4N.2: 100 W
Type W4TA..W4NA: 100 W
- (3) 4T.2..4N.2: 1x capacity regulator (= 50%)
4TA..4NA: 1x capacity regulator (= 50%)

- (4) All cylinder heads
- (5) Standard voltage 380..420V/3/50Hz, 440..480V/3/60Hz
- (6) Standard dimensions; a correction may be necessary, dependent on operating conditions



Type	Price EUR	Additional Charges EUR															
		Motor Pulley, V-Belts	Oil Pressure Switch MP54 (1), mounted	Electronic Oil Pressure Switch "Delta P" (1), mounted	Crankcase Heater (1)(2)	Ester Oil for HFC Refrigerants Compressor Designation "Y"	Start Unloader, Standard Coil (1) Discharge Temp. Sensor & Control Module, with Check Valve (4)	Start Unloader, Standard Coil (1) with Check Valve (4)	Check Valve (4), integrated in Discharge Line	Capacity Regulator, Standard Coil (1)(3)	Oil Separator, mounted with integrated Check Valve in Discharge Line (4)	Discharge Temp. Sensor and Control Module (1)					
L05/0	1.098,--	38,--	-	-	-	12,--	-	-	-	-	-	-	-	-	-	-	-
L10/I	1.118,--	38,--	-	-	-	12,--	-	-	-	-	-	-	-	-	-	-	-
L20/II	1.419,--	48,--	-	-	-	17,--	-	-	-	-	-	-	-	-	-	-	-
L30/II	1.553,--	48,--	-	-	-	17,--	-	-	-	-	-	-	-	-	-	-	-
L30/III	1.656,--	48,--	-	-	-	23,--	-	-	-	-	-	-	-	-	-	-	-
L40/III	2.124,--	105,--	-	-	-	23,--	-	-	-	-	-	-	-	-	-	-	-
L40/IV	2.449,--	111,--	-	-	-	38,--	-	-	-	-	-	-	-	-	-	-	-
L50/IV	2.941,--	111,--	-	-	-	38,--	-	-	-	-	-	-	-	-	-	-	-
L50/V	3.619,--	123,--	-	-	65,--	47,--	-	-	434,--	-	-	-	-	-	-	-	-
LH64/V	4.537,--	123,--	-	-	65,--	47,--	-	922,--	434,--	-	1.046,--	-	-	-	-	-	-
LH104/VI	7.812,--	167,--	-	-	70,--	122,--	-	1.284,--	494,--	-	1.287,--	-	-	-	-	-	-
LH104/VII	9.474,--	250,--	-	-	70,--	145,--	-	1.284,--	678,--	-	1.471,--	-	-	-	-	-	-
LH124/VII	10.574,--	250,--	-	-	70,--	145,--	-	1.659,--	678,--	-	1.556,--	-	-	-	-	-	-
LH64/2T.2-S	5.417,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	-	-	-	-	-
LH64/2N.2-S	5.628,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	-	-	-	-	-
LH104/2N.2-S	7.413,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	-	-	-	-	-
LH104/4T.2-S	8.050,--	172,--	297,--	273,--	70,--	97,--	867,--	-	282,--	321,--	1.075,--	240,--	-	-	-	-	-
LH114/4P.2-S	9.037,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	-	-	-	-	-
LH135/4P.2-S	11.532,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	-	-	-	-	-
LH124/4N.2-S	9.851,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	-	-	-	-	-
LH135/4N.2-S	11.694,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	-	-	-	-	-

Extent of delivery:

Open type compressor (see page 34) with flywheel, base frame, motor mounting rails with tensioning screw, beltguard, condenser (air-cooled), fan blade and guard (up to L50/V), from LH64: 1 or 2 fans (IP54), complete with blade and guard, receiver with rotalock shut-off valve for liquid & pressure gauge connection, connection for safety valve, with "Pressure Vessel Type Certificate" (other approvals on request), discharge & liquid line, protective charge.

- (1) Standard voltage 230V/1/50&60Hz
- (2)(3) see page 14 (2)(3)
- (4) Standard dimensions; a correction may be necessary, dependent on operating conditions



Type	Price EUR	Additional Charges EUR																		
		Motor Pulley, V-Belts	Oil Pressure Switch MP54 (1), mounted	Electronic Oil Pressure Switch "Delta P" (1), mounted	Crankcase Heater (1)(2)	Ester Oil for HFC Refrigerants Compressor Designation "y"	Start Unloader, Standard Coil (1) Discharge Temp. Sensor & Control Module, with Check Valve (4)	Start Unloader, Standard Coil (1) with Check Valve (4)	Check Valve (4), integrated in Discharge Line	Capacity Regulator, Standard Coil (1)(3)	Oil Separator, mounted with integrated Check Valve in Discharge Line (4)	Discharge Temp. Sensor and Control Module (1)	Water-cooled Cylinder Heads (5)	Seawater Resistant Coated Cylinder Heads (5)	Condenser with Plastic Coated Cover	Copper Weight (kg). Surcharge: see Condenser				
K033N/II	1.509,--	48,--	-	-	-	17,--	-	-	-	-	-	-	-	-	82,--	1.04				
K073H/III	1.818,--	48,--	-	-	-	23,--	-	-	-	-	-	39,--	107,--	82,--	2.08					
K123H/IV	2.559,--	111,--	-	-	-	38,--	-	-	-	-	-	49,--	107,--	82,--	3.07					
K203H/V	4.021,--	123,--	-	-	65,--	47,--	-	922,--	434,--	-	1.046,--	-	66,--	107,--	110,--	4.61				
K373H/VI W	6.026,--	167,--	-	-	70,--	122,--	-	1.284,--	494,--	-	1.287,--	-	S	107,--	110,--	10.18				
K573H/VII W	8.685,--	250,--	-	-	70,--	145,--	-	1.659,--	678,--	-	1.556,--	-	S	107,--	178,--	14.87				
K203H/2T.2-S	5.118,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	70,--	107,--	110,--	4.61				
K283H/2N.2-S	5.522,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	70,--	107,--	110,--	6.14				
K283H/4T.2-S	6.258,--	172,--	297,--	273,--	70,--	97,--	867,--	-	282,--	321,--	1.075,--	240,--	140,--	214,--	110,--	6.14				
K573H/4T.2-S	7.255,--	172,--	297,--	273,--	70,--	97,--	867,--	-	282,--	321,--	1.075,--	240,--	140,--	214,--	178,--	14.87				
K373H/4P.2-S	6.937,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	110,--	10.18				
K573H/4P.2-S	7.795,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	178,--	14.87				
K373H/4N.2-S	7.098,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	110,--	10.18				
K573H/4N.2-S	7.957,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	178,--	14.87				

Extent of delivery:

Open type compressor (see page 34) with flywheel, base frame, motor mounting rails with tensioning screw, beltguard, water-cooled shell and tube condenser (see page 58), discharge line, protective charge.

- (1) Standard voltage 230V/1/50&60Hz
- (2) Type III, IV, V, 2T.2, 2N.2: 70 W
Type VI, VII, 4T.2..4N.2: 100 W
- (3) 4T.2..4N.2: 1x capacity regulator (= 50%)

- (4) Standard dimensions; a correction may be necessary, dependent on operating conditions
- (5) All cylinder heads



Type	Price EUR	Additional Charges EUR															
		Condensing Unit, without Electric Motor	Motor Pulley, V-Belts	Oil Pressure Switch MP54 (1), mounted	Electronic Oil Pressure Switch "Delta P" (1), mounted	Crankcase Heater (1)(2)	Ester Oil for HFC Refrigerants Compressor Designation "Y"	Start Unloader, Standard Coil (1) Discharge Temp. Sensor & Control Module, with Check Valve (4)	Start Unloader, Standard Coil (1) with Check Valve (4)	Check Valve (4), integrated in Discharge Line	Capacity Regulator, Standard Coil (1)(3)	Oil Separator, mounted with integrated Check Valve in Discharge Line (4)	Discharge Temp. Sensor and Control Module (1)	Water-cooled Cylinder Heads (5)	Seawater Resistant Coated Cylinder Heads (5)	Condenser with Plastic Coated Cover	Cu-Ni Weight (kg), Surcharge: see Condenser
K033NB/II	1.726,--	48,--	-	-	-	17,--	-	-	-	-	-	-	-	-	-	-	1.04
K073HB/III	2.139,--	48,--	-	-	-	23,--	-	-	-	-	-	-	39,--	107,--	S	2.08	
K123HB/IV	2.908,--	111,--	-	-	-	38,--	-	-	-	-	-	-	49,--	107,--	S	3.07	
K203HB/V	4.536,--	123,--	-	-	65,--	47,--	-	922,--	434,--	-	1.046,--	-	66,--	107,--	S	4.61	
K373HB/VI W	6.725,--	167,--	-	-	70,--	122,--	-	1.284,--	494,--	-	1.287,--	-	S	107,--	S	10.18	
K573HB/VII W	9.683,--	250,--	-	-	70,--	145,--	-	1.659,--	678,--	-	1.556,--	-	S	107,--	S	14.87	
K203HB/2T.2-S	5.635,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	70,--	107,--	S	4.61	
K283HB/2N.2-S	6.171,--	162,--	297,--	273,--	65,--	42,--	867,--	-	282,--	-	894,--	240,--	70,--	107,--	S	6.14	
K283HB/4T.2-S	6.911,--	172,--	297,--	273,--	70,--	97,--	867,--	-	282,--	321,--	1.075,--	240,--	140,--	214,--	S	6.14	
K573HB/4T.2-S	8.254,--	172,--	297,--	273,--	70,--	97,--	867,--	-	282,--	321,--	1.075,--	240,--	140,--	214,--	S	14.87	
K373HB/4P.2-S	7.635,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	S	10.18	
K573HB/4P.2-S	8.794,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	S	14.87	
K373HB/4N.2-S	7.796,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	S	10.18	
K573HB/4N.2-S	8.956,--	172,--	297,--	273,--	70,--	97,--	1.079,--	-	494,--	321,--	1.287,--	240,--	140,--	214,--	S	14.87	

Extent of delivery:

Open type compressor (see page 34) with flywheel, base frame, motor mounting rails with tensioning screw, beltguard, water-cooled shell and tube condenser (see page 58), discharge line, protective charge.

(1) Standard voltage 230V/1/50&60Hz

(2) Type III, IV, V, 2T.2, 2N.2: 70 W

Type VI, VII, 4T.2..4N.2: 100 W

(3) 4T.2..4N.2: 1x capacity regulator (= 50%)

(4) Standard dimensions; a correction may be necessary, dependent on operating conditions

(5) All cylinder heads



Type	Price EUR	Additional Charges EUR														
		Compressor with Standard Motor (1) and Oil Injection Kit (2)	Motor for Special Voltage	Bridges for DOL Start	SE-E2 (2)(6) Protection Device	SE-C1 (2)(7) Protection Device (SE-E1 + SE-E2 omitted)	Oil Flow Control OFC (2) (SE-B2 omitted)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coils (3) for Capacity Control / Start Unloader	Special Voltage Coil (3) for Oil Solenoid Valve	Discharge Shut-off Valve	Adapter & Shut-off Valve for Economiser Connection	Adapter for Liquid Injection	Heating Device for Terminal Box (5)	without Suction Shut-off Valve, with Flange & Solder Bushing	without Vibration Dampers
HSK5343-30	8.367,--	418,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	212,--	38,--	-	-107,--	-23,--	-853,--
HSN5343-20	8.141,--	407,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	212,--	38,--	-	-107,--	-23,--	-853,--
HSK5353-35	8.367,--	418,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	212,--	38,--	-	-107,--	-23,--	-853,--
HSN5353-25	8.141,--	407,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	212,--	38,--	-	-107,--	-23,--	-853,--
HSK5363-40	8.860,--	443,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	212,--	38,--	-	-107,--	-23,--	-853,--
HSN5363-30	8.620,--	431,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	212,--	38,--	-	-107,--	-23,--	-853,--
HSK6451-40 (4)	11.796,--	590,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	212,--	38,--	179,--	-107,--	-65,--	-1.054,--
HSK6451-50	12.031,--	602,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	212,--	38,--	179,--	-107,--	-65,--	-1.054,--
HSN6451-40	11.699,--	585,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	212,--	38,--	179,--	-107,--	-65,--	-1.054,--
HSK6461-40 (4)	12.596,--	630,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	212,--	38,--	179,--	-107,--	-65,--	-1.054,--
HSK6461-60	12.918,--	646,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	212,--	38,--	179,--	-107,--	-65,--	-1.054,--
HSN6461-50	12.587,--	629,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	212,--	38,--	179,--	-107,--	-65,--	-1.054,--
HSK7451-50 (4)	13.172,--	659,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSK7451-70	13.784,--	689,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSN7451-60	13.120,--	656,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSK7461-60 (4)	13.970,--	699,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSK7461-80	14.588,--	729,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSN7461-70	13.784,--	689,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSK7471-70 (4)	16.099,--	805,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSK7471-90	16.807,--	840,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--
HSN7471-75	15.887,--	794,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	212,--	38,--	179,--	-247,--	-65,--	-1.054,--

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction shut-off valve, discharge side: solder bushing, oil injection nozzle, integrated check valve, integrated pressure relief valve, oil injection kit (solenoid valve, filter, flow control, SE-B2 control unit, electrolytic capacitor, sight glass), capacity control (2-step) / start unloader, built-in part winding motor with PTC sensors, discharge temperature sensor, electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure IP 54, protective charge, 4 vibration dampers.

S = Standard extent of delivery

(1) 400VΔ/ΔΔ/3/50Hz, 460VΔ/ΔΔ/3/60Hz

(2) Standard voltage 230V/1/50Hz

(3) 2-step capacity control (2 coils)

(4) For standard application R134a

(5) Protection against frost or condensate formation with low temperature application and low superheat

(6) SE-E2: Protection functions like SE-E1 – suitable for frequency inverter operation

(7) Module with enhanced protection functions



Type	Price EUR	Additional Charges EUR																
		Compressor with Standard Motor (1) and Oil Injection Kit (2)	Motor for Special Voltage	Bridges for DOL Start	SE-E2 (2)(5) Protection Device	SE-C1 (2)(6) Protection Device (SE-E1 + SE-B2 omitted)	Oil Flow Control OFC (2) (SE-B2 omitted)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coils (3) for Capacity Control / Start Unloader	Special Voltage Coil (3) for Oil Solenoid Valve	Discharge Shut-off Valve	Heating Device for Terminal Box (4)	without Suction Shut-off Valve, with Flange & Solder Bushing	without Vibration Dampers				
HSKB5343-15	8.710,--	436,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	-	-107,--	-23,--					
HSKB5353-20	8.710,--	436,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	-	-107,--	-23,--					
HSKB5363-25	9.203,--	460,--	25,--	176,--	-	180,--	S	96,--	48,--	83,--	-	-107,--	-23,--					
HSKB6451-40	12.208,--	610,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	179,--	-107,--	-65,--					
HSKB6461-40	13.008,--	650,--	25,--	176,--	283,--	-	S	96,--	48,--	83,--	179,--	-107,--	-65,--					
HSKB7451-40	13.687,--	547,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	179,--	-247,--	-65,--					
HSKB7461-40	14.485,--	724,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	179,--	-247,--	-65,--					
HSKB7471-50	16.614,--	831,--	25,--	176,--	283,--	-	S	96,--	48,--	135,--	179,--	-247,--	-65,--					

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction shut-off valve, discharge side: solder bushing, oil injection nozzle, integrated check valve, integrated pressure relief valve, oil injection kit (solenoid valve, filter, flow control, SE-B2 control unit, electrolytic capacitor, sight glass), capacity control (2-step) / start unloader, built-in part winding motor with PTC sensors, discharge temperature sensor, electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure IP 54, protective charge, 4 vibration dampers.

S = Standard extent of delivery

- (1) 400V $\Delta/\Delta\Delta/3/50$ Hz, 460V $\Delta/\Delta\Delta/3/60$ Hz
- (2) Standard voltage 230V/1/50Hz
- (3) 2-step capacity control (2 coils)
- (4) Protection against frost or condensate formation with low temperature application and low superheat
- (5) SE-E2: Protection functions like SE-E1 - suitable for frequency inverter operation
- (6) Module with enhanced protection functions



Type	Price EUR	Additional Charges EUR															
		Compressor with Standard Motor (1) and Oil Injection Kit (2)	Motor for Special Voltage	Bridges for DOL Start	SE-E2 (2)(5) Protection Device	SE-C2 (2)(6) Protection Device (SE-E1 & 1x SE-B2 omitted)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coils (3) for Capacity Control / Start Unloader	Suction Shut-off Valve	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Shut-off Valve for Oil Injection	Adapter, Shut-off Valve & Connecting Pipe for Economiser Connection	Adapter & Integral Nozzle for Liquid Injection
HSK8551-80 (4)	19.994,--	1.000,--	34,--	176,--	283,--	S	192,--	811,--	48,--	3 1/8 / 76L or 3 1/2 / 89L or 4 1/4 / 108L	324,--	30,--	2 5/8 / 67L	65,--	305,--	226,--	148,--
HSK8551-110	20.891,--	1.045,--	34,--	176,--	283,--	S	192,--	811,--			324,--			65,--	305,--	226,--	148,--
HSK8561-90 (4)	21.224,--	1.061,--	34,--	176,--	283,--	S	192,--	811,--			324,--			65,--	305,--	226,--	148,--
HSK8561-125	22.019,--	1.101,--	34,--	176,--	283,--	S	192,--	811,--			324,--			65,--	305,--	226,--	148,--
HSK8571-110 (4)	23.558,--	1.178,--	34,--	176,--	283,--	S	192,--	811,--			324,--			65,--	305,--	226,--	148,--
HSK8571-140	24.699,--	1.235,--	34,--	176,--	283,--	S	192,--	811,--			324,--			65,--	305,--	226,--	148,--
HSN8571-125	23.412,--	1.171,--	34,--	176,--	283,--	S	192,--	811,--			324,--			65,--	305,--	-	148,--
HSN8591-160	25.525,--	1.276,--	34,--	176,--	283,--	S	192,--	811,--	324,--	65,--	305,--	-	148,--				

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction and discharge connections: flange with solder bushing, oil injection nozzle, integrated check valve and pressure relief valve, integrated oil management system (automatic oil stop valve, oil filter, monitoring of oil flow, direction of rotation and oil filter clogging with 2x control units SE-B2 and 1x electronic capacitor), oil sight glass, capacity control (3) / start unloader, built-in part winding motor with PTC sensors, discharge temperature sensor (PTC), electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure class IP 54, protective charge.

S = Standard extent of delivery

- (1) 400V Δ / Δ N/3/50Hz, 460V Δ / Δ N/3/60Hz
- (2) Standard voltage 230V/1/50Hz
- (3) Dual capacity control (start unloading) – infinite slide or 3-step (4-step) control
- (4) For standard application R134a
- (5) SE-E2: Protection functions like SE-E1 – suitable for frequency inverter operation
- (6) Module with enhanced protection functions



Type	Price EUR	Additional Charges EUR																		
		Compressor with Standard Motor (1) and Oil Injection Kit (2)	Motor for Special Voltage	Bridges for DOL Start	SE-E2 (2)(4) Protection Device	SE-C2 (2)(5) Protection Device (SE-E1 & 1x SE-B2 omitted)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coils (3) for Capacity Control / Start Unloader	Suction Shut-off Valve	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Shut-off Valve for Oil Injection	Vibration Dampers (Rubber Pads)				
HSKB8551-60	20.681,--	1.034,--	34,--	176,--	283,--	S	192,--	811,--		3 1/8 / 76L or	324,--			65,--	148,--					
HSKB8561-70	21.911,--	1.096,--	34,--	176,--	283,--	S	192,--	811,--	48,--	3 1/2 / 89L or	324,--	30,--	2 5/8 / 67L	65,--	148,--					
HSKB8571-80	24.245,--	1.212,--	34,--	176,--	283,--	S	192,--	811,--		4 1/4 / 108L	324,--			65,--	148,--					

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction and discharge connections: flange with solder bushing, oil injection nozzle, integrated check valve and pressure relief valve, integrated oil management system (oil filter, monitoring of oil flow, direction of rotation and oil filter clogging with 2x control units SE-B2 and 1x electronic capacitor), oil solenoid valve, oil sight glass, capacity control (3) / start unloader, built-in part winding motor with PTC sensors, discharge temperature sensor (PTC), electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure class IP 54, protective charge.

- (1) 400V Δ / Δ 3/50Hz, 460V Δ / Δ 3/60Hz
- (2) Standard voltage 230V/1/50Hz
- (3) Dual capacity control (start unloading)
 - infinite slide or 3-step (4-step) control
- (4) SE-E2: Protection functions like SE-E1 - suitable for frequency inverter operation
- (5) Module with enhanced protection functions

S = Standard extent of delivery



Type	Price EUR	Additional Charges EUR / Technical Data			
		Oil Cooler, Standard Connections	Oil Volume [dm ³]	Copper/Cu-Ni Weight [kg]	Plastic Coated Covers
Oil Cooler, water-cooled					
OW401	2.133,--	10.5	11.2	110,--	
OW401B	2.775,--	10.5	11.2	S	seawater
OW501	2.479,--	14.0	15.0	110,--	
OW501B	3.236,--	14.0	15.0	S	seawater
OW781	3.832,--	18.0	21.3	178,--	
OW781B	5.602,--	18.0	21.3	S	seawater
OW941	4.520,--	24.0	28.5	178,--	
OW941B	6.728,--	24.0	28.5	S	seawater
Oil Cooler, air-cooled					
OL200	2.960,--	5.5	10.2	-	
OL300	3.907,--	8.0	13.2	-	
OL600	7.008,--	14.0	19.9	-	

Extent of delivery: Oil cooler, water-cooled
Shell and tube heat exchanger with removable water end covers, seawater resistant design with plastic coated covers (water side).

Extent of delivery: Oil cooler, air-cooled
Finned oil cooler with fan.

Copper/Copper-Ni surcharge: see page 58

Type	Price EUR	Additional Charges EUR / Technical Data						
		Oil Separator, Standard Connections	Oil Volume [dm ³]	Shut-off Valve, Discharge Outlet	Shut-off Valve, Oil Outlet	OLC-D1 – Opto-electronic Liquid Level Monitoring (1)	OLC-D1 – Opto-electronic Liquid Level Monitoring (1)(2)	Adapter for Relief Valve External Thread G1/2"– altern. External Thread 1/2"–14 NPTF
Oil Separator for Standard Applications (HS. Series)								
OA1954	2.490,--	18	61,--	28,--	S	-	36,--	34,--
OA4188	4.078,--	40	324,--	72,--	S	-	36,--	34,--
OA9111	6.812,--	90	811,--	74,--	S	-	36,--	34,--
OA14111	11.033,--	140	811,--	135,--	S	-	36,--	34,--
OA25112	18.256,--	250	-	324,--	S	-	36,--	34,--
Secondary Oil Separator for Flooded Evaporator Systems (CSH / CSW Series)								
OAF6288	1.879,--	max. 12.0	-	-	-	263,--	36,--	34,--
OAF15211	2.920,--	max. 32.0	-	-	-	263,--	36,--	34,--
Special Oil								
BSE170	454,--	10.0	for HFC					
BSE170L (3)	454,--	10.0	for HFC					
B100	357,--	20.0	for R22					
B150SH	803,--	20.0	for R22					
B320SH	779,--	20.0	for R22					

Extent of delivery: Oil separator
Oil separator with oil level control by means of sight glass, electronic minimum level indicator incl. fixing flange, oil heater (1), oil thermostat (1), connection for pressure relief valve, oil outlet connection, oil charge & drain connection, gas inlet and outlet connection.

- (1) Standard voltage 230V/1/50&60Hz
- (2) For controlled oil return to compressor
- (3) For CSW R134a models

S = Standard extent of delivery



Type	Price EUR	Additional Charges EUR																	
		Compressor, including Oil Injection Kit (2)	Coupling (1) up to 45 kW	Coupling Type (1)	Coupling (1) up to 80 kW	Coupling Type (1)	Coupling Housing (1) for B3/B5 IEC-Motors D/L 350/110 or 400/110	Coupling Housing (1) for B3/B5 IEC-Motors D/L 400/110 or 450/110	Coupling Housing (1) for B3/B5 IEC-Motors D/L 450/140 or 550/140	Altern.: Oil Flow Control "OFC" incl. SE-B2 for Discharge Gas Temp. Control (2)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coil (3) for Capacity Control / Start Unloader	Special Voltage Coil (3) for Oil Solenoid Valve	Discharge Shut-off Valve	Adapter for Economiser Connection	Adapter & Shut-off Valve for Economiser Connection	Adapter & Shut-off Valve for Economiser Connection (NH3)	Special Approvals (4) - Charges for Preparation (Approval Cost on Expense)	without Suction Shut-off Valve, with Flange & Bushing
OSK5341	5.945,--								258,--	642,--	48,--	48,--	83,--	-	212,--	-	-	-107,--	-853,--
OSN5341	5.945,--								258,--	642,--	48,--	48,--	83,--	-	212,--	-	-	-107,--	-853,--
OSK5351	6.303,--	596,--	KS 620	-	-	436,--	-	-	258,--	642,--	48,--	48,--	83,--	-	212,--	-	-	-107,--	-853,--
OSN5351	6.303,--								258,--	642,--	48,--	48,--	83,--	-	212,--	-	-	-107,--	-853,--
OSK5361	6.662,--								258,--	642,--	48,--	48,--	83,--	-	212,--	-	-	-107,--	-853,--
OSN5361	6.662,--								258,--	642,--	48,--	48,--	83,--	-	212,--	-	-	-107,--	-853,--
OSK7441	10.196,--	596,--	KS 720	953,--	KS 730	-	700,--	791,--	258,--	S	48,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSN7441	10.196,--								258,--	S	48,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSK7451	10.576,--								258,--	S	96,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSN7451	10.576,--								258,--	S	96,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSK7461	10.897,--								258,--	S	96,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSN7461	10.897,--								258,--	S	96,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSK7471	11.986,--								258,--	S	96,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
OSN7471	11.986,--								258,--	S	96,--	48,--	135,--	-	212,--	-	981,--	-247,--	-1.054,--
Open Drive Screw Compressors for NH3																			
OSKA5341	7.130,--								258,--	642,--	48,--	48,--	129,--	70,--	-	402,--	-	-107,--	-2.053,--
OSNA5341	7.130,--								258,--	642,--	48,--	48,--	129,--	70,--	-	402,--	-	-107,--	-2.053,--
OSKA5351	7.567,--	596,--	KS 620	-	-	436,--	-	-	258,--	642,--	48,--	48,--	129,--	70,--	-	402,--	-	-107,--	-2.053,--
OSNA5351	7.567,--								258,--	642,--	48,--	48,--	129,--	70,--	-	402,--	-	-107,--	-2.053,--
OSKA5361	8.028,--								258,--	642,--	48,--	48,--	129,--	70,--	-	402,--	-	-107,--	-2.053,--
OSNA5361	8.028,--								258,--	642,--	48,--	48,--	129,--	70,--	-	402,--	-	-107,--	-2.053,--
OSKA7441	11.617,--	596,--	KS 720	953,--	KS 730	-	700,--	791,--	258,--	S	48,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSNA7441	11.617,--								258,--	S	48,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSKA7451	12.045,--								258,--	S	96,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSNA7451	12.045,--								258,--	S	96,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSKA7461	12.415,--								258,--	S	96,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSNA7461	12.415,--								258,--	S	96,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSKA7471	13.503,--								258,--	S	96,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--
OSNA7471	13.503,--								258,--	S	96,--	48,--	186,--	70,--	-	402,--	981,--	-247,--	-2.053,--

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction shut-off valve, discharge side: solder/welding bushing, oil injection nozzle, integrated check valve, integrated pressure relief valve, oil injection kit (solenoid valve, filter, flow control, SE-B2 control unit, electrolytic capacitor, sight glass for OSK / OSN), capacity control / start unloader (OS.74), discharge temperature sensor, protective charge.

S = Standard extent of delivery

(1) When ordering the following motor data must be stated:

- motor power / IEC frame size, enclosure class,
- flange Ø, shaft Ø, shaft length

(2) Standard voltage 230V/1/50 Hz

- (3) OS.5341..OS.A5361: 1-step capacity control (1 coil)
- OS.7441: 1-step capacity control (1 coil)
- OS.7451..OS.7471: 2-step capacity control (2 coils)

(4) Special approvals on request:

- (5) Muffler type dependent on compressor model and operating conditions



Type	Price EUR	Additional Charges EUR																			
		Compressor, including Oil Injection Kit (2)	Coupling (1) up to 45 kW	Coupling Type (1)	Coupling (1) up to 80 kW	Coupling Type (1)	Coupling Housing (1) for B3/B5 IEC-Motors D/L 350/110 or 400/110	Coupling Housing (1) for B3/B5 IEC-Motors D/L 400/110 or 450/110	Coupling Housing (1) for B3/B5 IEC-Motors D/L 450/140 or 550/140	Altern.: Oil Flow Control "OFC" incl. SE-B2 for Discharge Gas Temp. Control (2)	Capacity Control / Start Unloader (2)/(3)	Special Voltage Coil (3) for Capacity Control / Start Unloader	Special Voltage Coil (3) for Oil Solenoid Valve	Discharge Shut-off Valve	without Suction Shut-off Valve, with Flange & Bushing						
OSKB5341	6.391,--								258,--	642,--	48,--	48,--	83,--	-107,--							
OSKB5351	6.391,--	596,--	KS 620	-	-	436,--	-	-	258,--	642,--	48,--	48,--	83,--	-107,--							
OSKB5361	6.749,--								258,--	642,--	48,--	48,--	83,--	-107,--							
OSKB7451	11.194,--								258,--	S	96,--	48,--	135,--	-247,--							
OSKB7461	11.515,--	596,--	KS 720	953,--	KS 730	-	700,--	791,--	258,--	S	96,--	48,--	135,--	-247,--							
OSKB7471	12.604,--								258,--	S	96,--	48,--	135,--	-247,--							
Open Drive Screw Compressors for NH3																					
OSKAB5341	7.576,--								258,--	642,--	48,--	48,--	129,--	-107,--							
OSKAB5351	7.576,--	596,--	KS 620	-	-	436,--	-	-	258,--	642,--	48,--	48,--	129,--	-107,--							
OSKAB5361	6.749,--								258,--	642,--	48,--	48,--	129,--	-107,--							
OSKAB7451	12.663,--								258,--	S	96,--	48,--	186,--	-247,--							
OSKAB7461	13.033,--	596,--	KS 720	953,--	KS 730	-	700,--	791,--	258,--	S	96,--	48,--	186,--	-247,--							
OSKAB7471	14.121,--								258,--	S	96,--	48,--	186,--	-247,--							

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction shut-off valve, discharge side: solder/welding bushing, oil injection nozzle, integrated check valve, integrated pressure relief valve, oil injection kit (solenoid valve, filter, flow control, SE-B2 control unit, electrolytic capacitor, sight glass (for OSKB), capacity control / start unloader (OSKB74), discharge temperature sensor, protective charge.

S = Standard extent of delivery

(1) When ordering the following motor data must be stated:

- motor power / IEC frame size, enclosure class,
- flange Ø, shaft Ø, shaft length

(2) Standard voltage 230V/1/50Hz

- (3) OSKB5341..OSKAB 5361: 1-step capacity control (1 coil)
- OSKB7451..OSKAB7471: 2-step capacity control (2 coils)



Type	Price EUR	Additional Charges EUR																		
		Coupling (1) up to 160 kW	Coupling Type (1)	Coupling Housing (1) for B3/B5 IEC-Motors D/L 450/140 or 550/140	Coupling Housing (1) for B3/B5 IEC-Motors D/L 660/140	Alternative: Oil Flow Control OFC (2)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coil (3) for Capacity Control / Start Unloader	Suction Shut-off Valve	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Shut-off Valve for Oil Injection	Adapter & Shut-off Valve for Economiser Connection	Adapter & Integral Nozzle for Liquid Injection			
OSK8551	18.106,--					258,--	S	192,--	811,--			324,--			65,--	217,--	226,--			
OSK8561	18.717,--					258,--	S	192,--	811,--			324,--			65,--	217,--	226,--			
OSK8571	20.362,--	953,--	KS 800	791,--	922,--	258,--	S	192,--	811,--	48,--	3 1/8 / 76L or 3 1/2 / 89L or 4 1/4 / 108L	324,--	30,--	2 5/8 / 67L	65,--	217,--	226,--			
OSN8571	20.362,--					258,--	S	192,--	811,--			324,--			65,--	217,--	-			
OSK8581	22.414,--					258,--	S	192,--	811,--			324,--			65,--	217,--	226,--			
OSK8591	24.631,--					258,--	S	192,--	811,--			324,--			65,--	217,--	226,--			
OSN8591	24.631,--					258,--	S	192,--	811,--			324,--			65,--	217,--	-			
Open Drive Screw Compressors for NH3																				
OSKA8551	19.024,--	953,--	KS 800	791,--	922,--	258,--	S	192,--	872,--	48,--	DN 80	402,--	30,--	DN 65	S	267,--	-			
OSKA8561	19.635,--					258,--	S	192,--	872,--			402,--			S	267,--	-			
OSKA8571	21.279,--					258,--	S	192,--	872,--			402,--			S	267,--	-			
OSNA8571	21.279,--					258,--	S	192,--	872,--			402,--			S	267,--	-			
OSKA8581	23.331,--					258,--	S	192,--	872,--			402,--			S	267,--	-			
OSKA8591	25.548,--					258,--	S	192,--	872,--			402,--			S	267,--	-			
OSNA8591	25.548,--	258,--	S	192,--	872,--	402,--	S	267,--	-											

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction and discharge connections: flange with solder/welding bushing, oil injection nozzle, integrated check valve and pressure relief valve, integrated oil management system (automatic oil stop valve, oil filter, monitoring of oil flow, direction of rotation and oil filter clogging with 2x control units SE-B2 and 1x electronic capacitor), oil sight glass for OSK/OSN, capacity control (3) / start unloader, discharge temperature sensor (PTC), protective charge.

(1) When ordering the following motor data must be stated:

- motor power / IEC frame size, enclosure class
- flange Ø, shaft Ø, shaft length

(2) Standard voltage 230V/1/50&60Hz

(3) Dual capacity control (start unloading)

- infinite slide or 3-step (4-step) control

(4) Muffler type dependent on compressor

model and operating conditions

S = Standard extent of delivery



Type	Price EUR	Additional Charges EUR																	
		Coupling (1) up to 160 kW	Coupling Type (1)	Coupling Housing (1) for B3/B5 IEC-Motors D/L 450/140 or 550/140	Coupling Housing (1) for B3/B5 IEC-Motors D/L 660/140	Alternative: Oil Flow Control OFC (2)	Capacity Control / Start Unloader (2)(3)	Special Voltage Coil (3) for Capacity Control / Start Unloader	Suction Shut-off Valve	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Shut-off Valve for Oil Injection				
OSKB8551	18.964,--					258,--	S	192,--	811,--			324,--							
OSKB8561	19.575,--	953,--	KS 800	791,--	922,--	258,--	S	192,--	811,--	48,--	3 1/8 / 76L or 3 1/2 / 89L or 4 1/4 / 108L	324,--	30,--	2 5/8 / 67L	65,--				
OSKB8571	21.220,--					258,--	S	192,--	811,--			324,--			65,--				
Open Drive Screw Compressors for NH3																			
OSKAB8551	19.882,--					258,--	S	192,--	872,--			402,--			S				
OSKAB8561	20.493,--	953,--	KS 800	791,--	922,--	258,--	S	192,--	872,--	48,--	DN 80	402,--	30,--	DN 65	S				
OSKAB8571	22.137,--					258,--	S	192,--	872,--			402,--			S				

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction and discharge connections: flange with solder/welding bushing, oil injection nozzle, integrated check valve and pressure relief valve, integrated oil management system (oil filter, monitoring of oil flow, direction of rotation and oil filter clogging with 2x control units SE-B2 and 1x electronic capacitor), oil solenoid valve, oil sight glass for OSKB, capacity control (3) / start unloader, discharge temperature sensor (PTC), protective charge.

S = Standard extent of delivery

(1) When ordering the following motor data must be stated:

- motor power / IEC frame size, enclosure class
- flange Ø, shaft Ø, shaft length

(2) Standard voltage 230V/1/50Hz

(3) Dual capacity control (start unloading)

- infinite slide or 3-step (4-step) control

Type	Price EUR	Additional Charges EUR / Technical Data			
		Oil Cooler, Standard Connections	Oil Volume [dm ³]	Copper/Cu-Ni Weight [kg]	Plastic Coated Covers
Oil Cooler, water-cooled (HFC & R22)					
OW401	2.133,--	10.5	11.2	110,--	
OW401B	2.775,--	10.5	11.2	S	seawater
OW501	2.479,--	14.0	15.0	110,--	
OW501B	3.236,--	14.0	15.0	S	seawater
OW781	3.832,--	18.0	21.3	178,--	
OW781B	5.602,--	18.0	21.3	S	seawater
OW941	4.520,--	24.0	28.5	178,--	
OW941B	6.728,--	24.0	28.5	S	seawater
Oil Cooler, water-cooled (NH₃)					
OW160A	5.705,--	9.5	-	-	
OW290A	7.283,--	11.5	-	-	steel
OW860A	12.395,--	32.0	-	-	
OW160AC	7.007,--	9.5	-	S	steel, plastic coated
OW290AC	9.445,--	11.5	-	S	
OW860AC	16.450,--	32.0	-	S	
Oil Cooler, air-cooled (HFC & R22)					
OL200	2.960,--	5.5	10.5	-	-
OL300	3.907,--	8.0	13.2	-	-
OL600	7.008,--	14.0	19.9	-	-

Extent of delivery: Oil Cooler (OW), water-cooled (HFC & R22)

Shell and tube heat exchanger with removeable water end covers, seawater resistant design with plastic coated covers (water side).

Extent of delivery: Oil Cooler (OW..A), water-cooled (NH₃)

Shell and tube heat exchanger with welded-in steel tubes and removeable water end covers, corrosion protection design with plastic coating (water side).

Extent of delivery: Oil Cooler (OL), air-cooled

Finned oil cooler with fan.

Copper/Copper-Ni surcharge: see page 58

Type	Price EUR	Additional Charges EUR / Technical Data								
		Oil Separator, Standard Connections	Oil Volume [dm ³]	Shut-off Valve, Discharge Outlet	Shut-off Valve, Oil Outlet	OLC-D1 – Opto-electronic Oil Level Monitoring (1)	Adapter for Relief Valve External Thread G1/2" – altern. External Thread 1/2" – 14 NPTF	Adapter for Relief Valve Internal Thread G1/2" – altern. Internal Thread 1/2" – 14 NPTF	Spare Filter Kit (2), complete with Gaskets	Part No.
Oil Separator (HFC & R22)										
OA1954	2.490,--	18	61,--	28,--	S	36,--	34,--	-	-	
OA4188	4.078,--	40	324,--	72,--	S	36,--	34,--	-	-	
OA9111	6.812,--	90	811,--	74,--	S	36,--	34,--	-	-	
OA14111	11.033,--	140	811,--	135,--	S	36,--	34,--	-	-	
OA25112	18.256,--	250	-	324,--	S	36,--	34,--	-	-	
Oil Separator (NH₃)										
OA1954A	2.619,--	18	209,--	S	S	-	34,--	-	-	
OA4188A	4.386,--	40	402,--	S	S	-	34,--	-	-	
OA9111A	7.053,--	90	872,--	S	S	-	34,--	-	-	
OA14111A	11.186,--	140	872,--	S	S	-	34,--	-	-	
OA25112A	18.529,--	250	-	S	S	-	34,--	-	-	
Secondary Oil Separator										
OAS322	1.342,--	0.4	-	-	-	-	-	345,--	362209-04	
OAS744	1.963,--	0.7	-	-	-	-	-	582,--	362209-05	
OAS1055	2.630,--	1.0	-	-	-	-	-	770,--	362209-01	
OAS1655	2.954,--	1.0	-	-	-	-	-	1.105,--	362209-02	
OAS3088	4.800,--	1.5	-	-	-	-	-	1.664,--	362209-03	
Oil Separator (NH₃) with integrated filter (coalescer) elements										
OAC14011A	23.767,--	140	-	186,--	S	-	34,--	7.956,--	362209-06	
OAC25112A	31.900,--	250	-	402,--	S	-	34,--	11.904,--	362209-07	
Special Oil										
BSE170	454,--	10.0	for HFC							
B100	357,--	20.0	for R22							
B150SH	803,--	20.0	for R22							

Extent of delivery: Oil separator

Oil separator with oil level control by means of sight glass, electronic minimum level indicator incl. fixing flange, oil heater (1), oil thermostat (1), connection for pressure relief valve, oil outlet connection (oil shut-off valve with NH₃ separators), oil charge & drain connection, gas inlet and outlet connection.

(1) Standard voltage 230V/1/50&60Hz

(2) OAC14011A: Kit includes 8 filter elements

OAC25112A: Kit includes 12 filter elements

S = Standard extent of delivery



Type	Price EUR	Additional Charges EUR																				
		Compressor Standard Motor (1)	Motor for Special Voltage	Oil Heater (2)(3)	Bridges for DOL Start	SE-E2 (2)(6) Protection Device	SE-C1 (2)(7) Protection Device (SE-E1 omitted)	Suction Shut-off Valve	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Capacity Control / Start Unloader (2)(4)	Special Voltage Coils (5) for Capacity Control / Start Unloader	Opto-electronic Oil Level Control OLC-D1-S (2)	OLC-D1-S prepared, Prism Unit mounted w/o Control Module	Ester Oil for HFC Refrigerants – Compressor Designation “Y”	Adapter & Shut-off Valve for Economiser Connection	Adapter & Shut-off Valve for Liquid Injection	Control Valve (2) incl. Adapter for External Oil Cooler	Vibration Dampers (Rubber Pads)
CSH6553-35Y	12.515,--	626,--	S	25,--	176,--	329,--	135,--	-	-	83,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH6553-50(Y)	12.612,--	631,--	S	25,--	176,--	329,--	135,--	-	-	83,--	-	-	S	192,--	263,--	66,--	273,--	212,--	76,--	1.111,--	65,--	
CSH6563-40Y	13.255,--	663,--	S	25,--	176,--	329,--	135,--	-	-	83,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	173,--
CSH6563-60(Y)	13.482,--	674,--	S	25,--	176,--	329,--	135,--	-	-	83,--	-	-	S	192,--	263,--	66,--	273,--	212,--	76,--	1.111,--	65,--	
CSH6583-50Y	13.780,--	689,--	S	25,--	176,--	329,--	135,--	-	-	83,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	(SD42)
CSH6593-60Y	14.188,--	709,--	S	25,--	176,--	329,--	135,--	-	-	83,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7553-50Y	14.332,--	717,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7553-70(Y)	14.825,--	741,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	343,--	212,--	76,--	1.111,--	65,--	
CSH7563-60Y	14.966,--	748,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7563-80(Y)	15.611,--	781,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	343,--	212,--	76,--	1.111,--	65,--	245,--
CSH7573-70Y	17.042,--	852,--	S	25,--	176,--	329,--	324,--	30,--	2 5/8 / 64L	135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7573-90(Y)	17.786,--	889,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	343,--	212,--	76,--	1.111,--	65,--	(SD54)
CSH7583-80Y	17.826,--	891,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7583-90Y (8)	18.005,--	900,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7593-90Y	18.635,--	932,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH7593-100Y (8)	19.029,--	951,--	S	25,--	176,--	329,--	324,--			135,--	-	-	S	192,--	263,--	66,--	S	212,--	76,--	1.111,--	65,--	
CSH8553-80Y	21.826,--	1.091,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	
CSH8553-110(Y)	22.221,--	1.111,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	502,--	217,--	76,--	1.186,--	148,--	
CSH8563-90Y	23.088,--	1.154,--	S	34,--	176,--	329,--	811,--		3 1/8 / 76L	324,--	-	-	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	448,--
CSH8563-125(Y)	23.382,--	1.169,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	502,--	217,--	76,--	1.186,--	148,--	
CSH8573-110Y	25.086,--	1.254,--	S	34,--	176,--	329,--	811,--	48,--	3 1/2 / 89L	324,--	30,--	2 5/8 / 67L	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	(SD67 or SD80)
CSH8573-140(Y)	25.352,--	1.268,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	502,--	217,--	76,--	1.186,--	148,--	
CSH8583-125Y	25.753,--	1.288,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	
CSH8583-140Y (8)	26.013,--	1.301,--	S	34,--	176,--	329,--	811,--		4 1/4 / 108L	324,--	-	-	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	
CSH8593-140Y	26.637,--	1.332,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	
CSH8593-160Y (8)	27.196,--	1.360,--	S	34,--	176,--	329,--	811,--			324,--	-	-	S	192,--	263,--	66,--	S	217,--	76,--	1.186,--	148,--	

CSH95 Series: Prices see page 52

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction & discharge flange with solder bushing, integrated check valve, integrated pressure relief valve, flanged-on oil separator with integrated oil injection components, oil heater, oil service valve, oil filter, sight glass, oil charge, capacity control (4) / start unloader, built-in motor with PTC temperature sensors, discharge temperature sensor, electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure class IP 54, protective charge.

S = Standard extent of delivery

- (1) 400VΔ/ΔΔ/3/50Hz, 460VΔ/ΔΔ/3/60Hz (Part Winding or DOL)
- (2) Standard voltage 230V/1/50&60Hz
- (3) CSH65: 200 W / CSH75: 200 W / CSH85: 300 W
- (4) Dual capacity control (start unloading)
 - infinite slide or 4-step control
- (5) 4 coils
- (6) SE-E2: Protection functions like SE-E1 - suitable for frequency inverter operation
- (7) Module with enhanced protection functions
- (8) R134a Models for extended application range



Type	Price EUR	Additional Charges EUR																				
		Motor for Special Voltage	Oil Heater (2)(3)	Bridges for DOL Start	SE-E2 (2)(6) Protection Device	SE-C1 (2)(7) Protection Device (SE-E1 omitted)	Suction Shut-off Valve	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Capacity Control / Start Unloader (2)(4)	Special Voltage Coils (5) for Capacity Control / Start Unloader	Opto-electronic Oil Level Control OLC-D1-S (2)	OLC-D1-S prepared, Prism Unit mounted w/o Control Module	Ester Oil for HFC Refrigerants - Compressor Designation "Y"	Adapter & Shut-off Valve for Economiser Connection	Adapter & Shut-off Valve for Liquid Injection	Control Valve (2) incl. Adapter for External Oil Cooler	Vibration Dampers (Rubber Pads)	Muffler for Discharge Line
CSH9553-180(Y)	33.851,--	1.693,--	S	34,--	176,--	329,--	811,--			324,--		Ø	192,--	263,--	66,--		728,--	249,--	76,--	1.186,--	194,--	
CSH9563-160Y	33.691,--	1.685,--	Ø	34,--	176,--	329,--	811,--			324,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		
CSH9563-210(Y)	36.957,--	1.848,--	S	34,--	176,--	329,--	811,--	48,--	4 1/4 / 108L	324,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		
CSH9573-180Y	37.294,--	1.865,--	Ø	34,--	176,--	329,--	811,--			324,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		
CSH9573-240(Y)	39.958,--	1.998,--	S	34,--	176,--	329,--	811,--			324,--		Ø	192,--	263,--	66,--	Ø	728,--	249,--	76,--	1.186,--	194,--	448,--
CSH9583-210Y	40.384,--	2.019,--	Ø	34,--	176,--	329,--	1.418,--	-	-	811,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		
CSH9583-280(Y)	43.194,--	2.160,--	S	34,--	176,--	329,--	1.418,--	-	-	811,--		Ø	192,--	263,--	66,--	Ø	728,--	249,--	76,--	1.186,--	194,--	(SD80)
CSH9593-240Y	41.995,--	2.100,--	S	34,--	176,--	329,--	1.418,--	-	-	811,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		
CSH9593-300(Y)	45.286,--	2.264,--	S	34,--	176,--	329,--	1.418,--	-	-	811,--		Ø	192,--	263,--	66,--	Ø	728,--	249,--	76,--	1.186,--	194,--	
CSH95103-280Y	45.871,--	2.294,--	S	-	176,--	329,--	1.418,--	-	-	811,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		
CSH95113-320Y	48.090,--	2.405,--	S	-	176,--	329,--	1.418,--	-	-	811,--		Ø	192,--	263,--	66,--	Ø	249,--	76,--	1.186,--	194,--		

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction & discharge flange with solder bushing, integrated check valve, integrated pressure relief valve, flanged-on oil separator with integrated oil injection components, oil heater, oil service valve, oil filter, sight glass, oil charge, capacity control (4) / start unloader, built-in motor with PTC temperature sensors, discharge temperature sensor, electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure class IP 54, protective charge.

S = Standard extent of delivery

- (1) 400VΔ/3/50Hz, 460VΔ/3/60Hz (Star/Delta start or DOL)
- (2) Standard voltage 230V/1/50&60Hz
- (3) 300 W
- (4) Dual capacity control (start unloading)
 - infinite slide or 4-step control
- (5) 4 coils
- (6) SE-E2: Protection functions like SE-E1 - suitable for frequency inverter operation
- (7) Module with enhanced protection functions



Type	Price EUR	Additional Charges EUR																			
		Compressor Standard Motor (1)	Motor for Special Voltage	Oil Heater (2)(3)	Bridges for DOL Start	SE-E2 (2)(6) Protection Device	SE-C1 (2)(7) Protection Device (SE-E1 omitted)	Suction Shut-off Valve (8)	Alternative Suction Line Bushing	Pipe Diameter: inch / mm	Discharge Shut-off Valve	Alternative Discharge Line Bushing	Pipe Diameter: inch / mm	Integrated Discharge Check Valve	Capacity Control / Start Unloader (2)(4)	Special Voltage Coils (5) for Capacity Control / Start Unloader	Opto-electronic Oil Level Control OLC-D1-S (2)	OLC-D1-S prepared, Prism Unit mounted w/o Control Module	Ester Oil for HFC Refrigerants	Adapter & Shut-off Valve for Economiser Connection	Vibration Dampers (Rubber Pads)
CSW6583-40Y	13.456,--	673,--	Ø	25,--	176,--	329,--	135,--	-	-	83,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	
CSW6583-50 (9)	13.725,--	686,--	Ø	25,--	176,--	329,--	135,--	-	-	83,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	173,--
CSW6593-50Y	13.926,--	696,--	Ø	25,--	176,--	329,--	135,--	-	-	83,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	(SD42)
CSW6593-60 (9)	14.204,--	710,--	Ø	25,--	176,--	329,--	135,--	-	-	83,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	
CSW7573-60Y	16.748,--	837,--	Ø	25,--	176,--	329,--	324,--	-	-	135,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	
CSW7573-70 (9)	17.083,--	854,--	Ø	25,--	176,--	329,--	324,--	-	-	135,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	
CSW7583-70Y	17.485,--	874,--	Ø	25,--	176,--	329,--	324,--	30,--	2 5/8 / 64L	135,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	245,--
CSW7583-80 (9)	17.835,--	892,--	Ø	25,--	176,--	329,--	324,--	-	-	135,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	(SD54)
CSW7593-80Y	18.264,--	913,--	Ø	25,--	176,--	329,--	324,--	-	-	135,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	
CSW7593-90 (9)	18.630,--	932,--	Ø	25,--	176,--	329,--	324,--	-	-	135,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	212,--	65,--	
CSW8573-90Y	24.798,--	1.240,--	Ø	34,--	176,--	329,--	811,--	-	-	324,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	217,--	148,--	
CSW8573-110 (9)	25.295,--	1.265,--	Ø	34,--	176,--	329,--	811,--	-	-	324,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	217,--	148,--	
CSW8583-110Y	25.165,--	1.258,--	Ø	34,--	176,--	329,--	811,--	-	-	324,--	30,--	2 5/8 / 67L	Ø	Ø	192,--	263,--	66,--	Ø	217,--	148,--	448,--
CSW8583-125 (9)	25.669,--	1.283,--	Ø	34,--	176,--	329,--	811,--	48,--	3 1/2 / 89L	324,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	217,--	148,--	(SD67 or SD80)
CSW8593-125Y	26.183,--	1.309,--	Ø	34,--	176,--	329,--	811,--	-	-	324,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	217,--	148,--	
CSW8593-140 (9)	26.706,--	1.335,--	Ø	34,--	176,--	329,--	811,--	-	-	324,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	217,--	148,--	
CSW9563-140Y	33.232,--	1.662,--	Ø	34,--	176,--	329,--	1.489,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW9563-160 (9)	33.896,--	1.695,--	Ø	34,--	176,--	329,--	1.489,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW9573-160Y	36.684,--	1.834,--	Ø	34,--	176,--	329,--	1.489,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW9573-180 (9)	37.418,--	1.871,--	Ø	34,--	176,--	329,--	1.489,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW9583-180Y	39.630,--	1.982,--	Ø	34,--	176,--	329,--	1.418,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	448,--
CSW9583-210 (9)	40.423,--	2.021,--	Ø	34,--	176,--	329,--	1.418,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	(SD80)
CSW9593-210Y	41.138,--	2.057,--	Ø	34,--	176,--	329,--	1.418,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW9593-240 (9)	41.961,--	2.098,--	Ø	34,--	176,--	329,--	1.418,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW95103-240Y	44.502,--	2.225,--	Ø	-	176,--	329,--	1.418,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	
CSW95113-280Y	46.786,--	2.339,--	Ø	-	176,--	329,--	1.418,--	-	-	811,--	-	-	Ø	Ø	192,--	263,--	66,--	Ø	249,--	194,--	

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction & discharge flange with solder bushing, integrated check valve, integrated pressure relief valve, flanged-on oil separator with integrated oil injection components, oil heater, oil service valve, oil filter, sight glass, oil charge, connection for oil return, capacity control (4) / start unloader, built-in motor with PTC temperature sensors, discharge temperature sensor, electronic control unit SE-E1 (temperature & phase sequence monitoring, manual reset), terminal box enclosure class IP 54, protective charge.

S = Standard extent of delivery

- (1) CSW65..CSW85: 400VΔ/ΔΔ/3/50Hz, 460VΔ/ΔΔ/3/60Hz (Part Winding or DOL)
CSW95: 400VΔ/3/50Hz, 460VΔ/3/60Hz (Star/Delta start or DOL)
- (2) Standard voltage 230V/1/50&60Hz
- (3) CSW65 & CSW75: 200 W / CSW85 & CSW95: 300 W
- (4) Dual capacity control (start unloading)
- infinite slide or 4-step control
- (5) 4 coils
- (6) SE-E2: Protection functions like SE-E1 – suitable for frequency inverter operation
- (7) Module with enhanced protection functions
- (8) CSW9563 and CSW9573: Including motor cover for larger connection (DN 125)
- (9) Compressor models for R22 application

Type	Price EUR		Additional Charges EUR																
	Compressor including Frequency Inverter (1)	Inverter Type	Network Choke (3)	RFI Filter (3)	PX Modbus (4)	Keypad LCD (4)	SE-B2 (2) Protection Device	Integrated Discharge Check Valve	Suction Shut-off Valve	Discharge Shut-off Valve	Adapter & Shut-off Valve for Economiser Connection	Vibration Dampers (Rubber Pads)	Oil Separator (5)	Oil Separator Type	Self-regulating Heater for Oil Separator (2)(6)				
HSK7471-70VS	27.345,--	BTZ1	1.042,--	1.573,--	324,--	543,--	S	S	324,--	135,--	212,--	148,--	2.628,--	OAH2888	148,--				
HSK8561-90VS	38.723,--	BTZ3	1.431,--	1.670,--	324,--	543,--	S	S	811,--	324,--	305,--	148,--	2.628,--	OAH2888	148,--				
HSK8571-110VS	39.364,--	BTZ4	1.721,--	1.900,--	324,--	543,--	S	S	811,--	324,--	305,--	148,--	2.628,--	OAH2888	148,--				
HSK8591-140VS	41.892,--	BTZ5	2.623,--	3.166,--	324,--	543,--	S	S	811,--	324,--	305,--	148,--	3.550,--	OAH7088	148,--				

Extent of delivery:

Screw compressor in 2-shaft design with asymmetric rotor profile, rolling contact bearings, suction and discharge connections: flange with solder bushing, oil injection nozzle, integrated check valve and pressure relief valve.

HSK74: Oil injection kit (solenoid valve, filter, flow control, SE-B2 control unit, electrolytic capacitor, sight glass),

HSK85: Integrated oil management system (oil stop valve, oil filter, flow control, SE-B2 control unit, electrolytic capacitor, sight glass).

Built-in part winding motor with PTC sensors, discharge temperature sensor, electronic control unit SE-B2 (thermal protection, manual reset), terminal box enclosure class IP 54, protective charge.

Frequency inverter (separate module) especially adapted to compressor motor, pre-programmed and configured.

(1) Power supply: 400..480V/3/50Hz – other voltages on request

(2) Standard voltage 230V/1/50Hz

(3) Application dependent on EMC category

(4) Communication modules for inverter

(5) Special oil BSE170 required – see page 45

(6) 200 W

S = Standard extent of delivery



Type (3)	Price EUR Compressor Standard Motor (1)	Additional Charges EUR													
		Motor for Special Voltage	Ester Oil for HFC Refrigerants – Compressor Designation "Y"	Crankcase Heater (2)	Discharge Temperature Sensor	SE-E1 Protection Device (SE-B1 omitted)	Rotalock Adapters with Solder Bushing, Set for Suction and Discharge including Gaskets	Shut-off Valves, Set for Suction and Discharge including Gaskets	Mounting Grommets with Sleeves, Set	Mounting Blocks Set for Parallel Operation					
Compressors in vertical design															
ESH725B(Y)	2.730,--	137,--	97,--	47,--	64,--	111,--	-	-	S	14,--					
ESH725(Y)	2.866,--	143,--	97,--	47,--	64,--	111,--	43,--	127,--	S	14,--					
ESH730B(Y)	2.881,--	144,--	97,--	47,--	64,--	111,--	-	-	S	14,--					
ESH730(Y)	3.018,--	151,--	97,--	47,--	64,--	111,--	43,--	127,--	S	14,--					
ESH736B(Y)	3.033,--	152,--	97,--	47,--	64,--	111,--	-	-	S	14,--					
ESH736(Y)	3.170,--	159,--	97,--	47,--	64,--	111,--	43,--	127,--	S	14,--					
ESH743B(Y)	3.412,--	171,--	97,--	47,--	64,--	111,--	-	-	S	14,--					
ESH743(Y)	3.549,--	177,--	97,--	47,--	64,--	111,--	111,--	230,--	S	14,--					
Compressors in horizontal design															
ELH725(Y)	on request														
ELH730(Y)															
ELH736(Y)															
ELA743Y															

Extent of delivery:

Compressor with built-in motor, electronic motor protection, direct brazing connections or threaded stubs for Rotalock adapters / Rotalock valves, oil sight glass, oil service valve connection, oil equalizing connection, mounting grommets with sleeves, terminal box enclosure class IP 54, oil charge, protective charge.

(1) 380–420VY/3/50Hz

(2) Standard voltage 230V/1/50Hz

(3) ESH...B(Y): Compressor with direct brazing connections
ESH...(Y): Compressor with Rotalock connection

S = Standard extent of delivery



Type (4)	Price EUR Compressor Standard Motor (1)	Additional Charges EUR													
		Motor for Special Voltage (2)	Polyvinyl Ether Oil	Crankcase Heater (3)	Discharge Temperature Sensor	SE-E1 Protection Device (SE-B1 omitted)	Mounting Grommets with Sleeves	Rotalock Adapters, Set for Suction and Discharge including Gaskets	Rotalock Shut-off Valves, Set for Suction and Discharge including Gaskets						
ORBIT 8 Compressors – optimized for air-cooled systems															
GSD80182VAB	3.977,--	199,--	S	61,--	64,--	111,--	S	-	-						
GSD80182VAR	4.114,--	206,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80235VAB	4.340,--	217,--	S	61,--	64,--	111,--	S	-	-						
GSD80235VAR	4.477,--	224,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80295VAB	4.941,--	247,--	S	61,--	64,--	111,--	S	-	-						
GSD80295VAR	5.078,--	254,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80385VAB	5.522,--	276,--	S	61,--	64,--	111,--	S	-	-						
GSD80385VAR	5.659,--	283,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80421VAB	6.038,--	302,--	S	61,--	64,--	111,--	S	-	-						
GSD80421VAR	6.175,--	309,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80485VAB	6.541,--	327,--	S	61,--	64,--	111,--	S	-	-						
GSD80485VAR	6.677,--	334,--	S	61,--	64,--	111,--	S	111,--	230,--						
ORBIT 8 Boreal Compressors – optimized for water-cooled systems															
GSD80235VWB	4.580,--	229,--	S	61,--	64,--	111,--	S	-	-						
GSD80235VWR	4.717,--	236,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80295VWB	5.181,--	259,--	S	61,--	64,--	111,--	S	-	-						
GSD80295VWR	5.318,--	266,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80385VWB	5.762,--	288,--	S	61,--	64,--	111,--	S	-	-						
GSD80385VWR	5.899,--	295,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80421VWB	6.278,--	314,--	S	61,--	64,--	111,--	S	-	-						
GSD80421VWR	6.415,--	321,--	S	61,--	64,--	111,--	S	111,--	230,--						
GSD80485VWB	6.780,--	339,--	S	61,--	64,--	111,--	S	-	-						
GSD80485VWR	6.917,--	346,--	S	61,--	64,--	111,--	S	111,--	230,--						

Extent of delivery:

Compressor with built-in motor, electronic motor protection, direct brazing connections or threaded stubs for Rotalock adapters / Rotalock valves, oil sight glass, oil service valve connection, mounting grommets with sleeves, terminal box enclosure class IP 54, oil charge, protective charge.

(1) 380..420VY/3/50Hz

(2) Motor for special voltages on request

(3) Standard voltage 230V/1/50Hz

(4) GSD8...V.B: Compressor with direct brazing connections

GSD8...V.R: Compressor with Rotalock connections

S = Standard extent of delivery



Single Compressor Types for Tandem/Trio Units (1)	Price EUR											
	Tandem Assembly Kit	Kit Part No.	Gas flow restrictor for unequal Tandem compressor combinations (3)	Part No.	Trio Assembly Kit for equal compressor combination	Kit Part No.						
Assembly Kits for ESH7 Scrolls												
ESH725B(Y) .. ESH736B(Y)	786,--	35810201	-	-	-	-						
ESH725B(Y) + ESH736B(Y) (2)	821,--	35810601	included in kit		-	-						
ESH743B(Y)	999,--	35810401	-	-	-	-						
ESH725(Y) .. ESH736(Y)	927,--	35810101	-	-	-	-						
ESH725(Y) + ESH736(Y) (2)	965,--	35810501	included in kit		-	-						
ESH743(Y)	1.215,--	35810301	-	-	-	-						
Assembly Kits for ORBIT 8 Scrolls												
GSD80182VAB .. GSD80485VAB	1.352,--	35810701	-	-	2.219,--	35810901						
GSD80235VWB .. GSD80485VWB			-	-	2.219,--	35810901						
GSD80182VAB + GSD80235VAB (2)			on request		-	-						
GSD80182VAB + GSD80295 .. GSD80385VAB (2)			on request		-	-						
GSD80235VAB + GSD80295 .. GSD80485VAB (2)	1.352,--	35811101	on request		-	-						
GSD80235VWB + GSD80485VWB (2)			on request		-	-						
GSD80295VAB + GSD80385 .. GSD80485VAB (2)			on request		-	-						
GSD80295VWB + GSD80485VWB (2)	1.352,--	35810701	on request		-	-						
GSD80385VAB + GSD80485VAB (2)			on request		-	-						
GSD80385VWB + GSD80485VWB (2)			on request		-	-						
GSD80182VAR .. GSD80485VAR	1.471,--	35810801	-	-	2.382,--	35811001						
GSD80235VWR .. GSD80485VWR			-	-	2.382,--	35811001						
GSD80182VAR + GSD80235VAR (2)			on request		-	-						
GSD80182VAR + GSD80295 .. GSD80385VAR (2)			on request		-	-						
GSD80235VAR + GSD80295 .. GSD80485VAR (2)	1.471,--	35811201	on request		-	-						
GSD80235VWR + GSD80485VWR (2)			on request		-	-						
GSD80295VAR + GSD80385 .. GSD80485VAR (2)			on request		-	-						
GSD80295VWR + GSD80485VWR (2)	1.471,--	35811801	on request		-	-						
GSD80385VAR + GSD80485VAR (2)			on request		-	-						
GSD80385VWR + GSD80485VWR (2)			on request		-	-						

Extent of delivery:

Tandem/Trio piping kit for customer assembly: suction, discharge and oil equalizing tubes and fittings, Rotalock adapters for compressors with threaded stubs.
Tandem/Trio rail kit for customer assembly: compressor mounting hardware, rails and supporting isolation grommets.

(1) Prices and extent of delivery for single compressors see pages 55 and 56

(2) Unequal Tandem combinations – compressors of different types

(3) Required for uneven Tandem compressor assemblies



Type	Price EUR	Additional Charges EUR																				
		Inlet Connection					Outlet Connection					Water Connections										
		Inlet Connection (Standard) Solder Bushing Pipe Diameter: inch / mm	Larger Inlet Connection, Pipe Diameter: inch / mm	Additional Charge	Outlet Connection (Standard) Shut-off Valve, Solder Bushing Pipe Diameter: inch / mm	Larger Outlet Connection (Shut-off Valve) Pipe Diameter: inch / mm	Additional Charge	Second Outlet Connection (5)	Shut-off Valve for Second Outlet Connection	Additional Charge	2x Counter Flanges, NP10/16 (3), for Cooling Water Connection	Additional Charge	2x Fixing Rails (below)	2x Fixing Rails (above) for Single Compressor	Fixing Plate for Single Compressor	Frame (above) for Tandem Compressor	Adapter for Relief Valve External Thread G1/2" or 1/2"-14 NPTF (1)	Adapter for Relief Valve (2) Internal Thread G1/2", 3/8"-18 NPTF or 1/2"-14 NPTF	Plastic Coated Covers	Special Painting (on request)	Copper Weight (kg), Surcharge see DEL-Price	Cu-Ni Weight (kg), Surcharge see DEL-Price
K033N	508,--	1/2"/12L	5/8"/16L	23,--	3/8"/10L	-	-	-	-	-	-	35,--	-	-	-	36,--	34,--	82,--	151,--	1.04	-	
K073H	618,--	1/2"/12L	5/8"/16L	23,--	3/8"/10L	-	-	-	-	-	-	35,--	44,--	57,--	-	36,--	34,--	82,--	151,--	2.08	-	
K123H	708,--	5/8"/16L	-	-	1/2"/12L	5/8"/16L	23,--	-	-	-	-	44,--	64,--	57,--	-	36,--	34,--	82,--	151,--	3.07	-	
K203H	1.071,--	5/8"/16L	7/8"/22L	38,--	5/8"/16L	-	-	-	-	-	-	44,--	64,--	77,--	-	36,--	34,--	110,--	151,--	4.61	-	
K283H	1.256,--	7/8"/22L	1.1/8"/28L	39,--	7/8"/22L	-	-	-	-	-	-	44,--	64,--	77,--	-	36,--	34,--	110,--	151,--	6.14	-	
K373H	1.389,--	1.1/8"/28L	1.3/8"/35L	41,--	7/8"/22L	-	-	-	-	-	-	44,--	64,--	77,--	-	36,--	34,--	110,--	151,--	10.18	-	
K573H	2.228,--	1.3/8"/35L	-	-	1.1/8"/28L	1.3/8"/35L	41,--	-	-	-	-	47,--	69,--	77,--	-	36,--	34,--	178,--	323,--	14.87	-	
K813H	2.607,--	1.3/8"/35L	-	-	1.1/8"/28L	1.3/8"/35L	41,--	-	-	-	-	47,--	69,--	77,--	-	36,--	34,--	178,--	323,--	18.93	-	
K1053H	3.065,--	1.5/8"/42L	-	-	1.3/8"/35L	-	-	163,--	1 3/8"/35L	167,--	-	72,--	69,--	77,--	-	36,--	34,--	178,--	323,--	29.99	-	
K1353T	3.693,--	1.5/8"/42L	-	-	1.3/8"/35L	-	-	109,--	1 3/8"/35L	167,--	-	5	69,--	77,--	354,--	36,--	34,--	178,--	323,--	34.7	-	
K1973T	5.813,--	2.1/8"/54L	-	-	1.5/8"/42L	-	-	247,--	1 5/8"/42L	171,--	NW 65	73,--	5	69,--	77,--	354,--	36,--	34,--	331,--	323,--	50.13	-
K2923T	7.318,--	2.1/8"/54L	-	-	2.1/8"/54L	-	-	317,--	2 1/8"/54L	212,--	NW 65	73,--	5	69,--	77,--	354,--	36,--	34,--	331,--	323,--	73.26	-
K3803T	10.835,--	3.1/8"/76L	-	-	3.1/8"/76L	-	-	402,--	3 1/8"/76L	434,--	NW80 (4)	84,--	5	69,--	77,--	354,--	36,--	34,--	340,--	323,--	96.4	-
K4803T	12.470,--	3.1/8"/76L	-	-	3.1/8"/76L	-	-	464,--	3 1/8"/76L	434,--	NW100 (4)	149,--	5	69,--	77,--	354,--	36,--	34,--	340,--	323,--	123.39	-
Seawater-resistant Condenser Types																						
K033NB	721,--	1/2"/12L	5/8"/16L	23,--	3/8"/10L	-	-	-	-	-	-	35,--	-	-	-	36,--	34,--	S	151,--	-	1.04	
K073HB	932,--	1/2"/12L	5/8"/16L	23,--	3/8"/10L	-	-	-	-	-	-	35,--	44,--	57,--	-	36,--	34,--	S	151,--	-	2.08	
K123HB	1.051,--	5/8"/16L	-	-	1/2"/12L	5/8"/16L	23,--	S	7/8"/22L	70,--	-	S	64,--	57,--	-	36,--	34,--	S	151,--	-	3.07	
K203HB	1.572,--	5/8"/16L	7/8"/22L	38,--	5/8"/16L	-	-	S	7/8"/22L	70,--	-	S	64,--	77,--	-	36,--	34,--	S	151,--	-	4.61	
K283HB	1.893,--	7/8"/22L	1.1/8"/28L	39,--	7/8"/22L	-	-	S	7/8"/22L	70,--	-	S	64,--	77,--	-	36,--	34,--	S	151,--	-	6.14	
K373HB	2.071,--	1.1/8"/28L	1.3/8"/35L	41,--	7/8"/22L	-	-	S	1 1/8"/28L	116,--	-	S	64,--	77,--	-	36,--	34,--	S	151,--	-	10.18	
K573HB	3.202,--	1.3/8"/35L	-	-	1.1/8"/28L	1.3/8"/35L	41,--	S	1 1/8"/28L	116,--	-	S	69,--	77,--	-	36,--	34,--	S	323,--	-	14.87	
K813HB	3.865,--	1.3/8"/35L	-	-	1.1/8"/28L	1.3/8"/35L	41,--	S	1 1/8"/28L	116,--	-	S	69,--	77,--	-	36,--	34,--	S	323,--	-	18.93	
K1053HB	4.452,--	1.5/8"/42L	-	-	1.3/8"/35L	-	-	S	1 3/8"/35L	167,--	-	S	69,--	77,--	-	36,--	34,--	S	323,--	-	29.99	
K1353TB	5.436,--	1.5/8"/42L	-	-	1.3/8"/35L	-	-	S	1 3/8"/35L	167,--	-	S	69,--	77,--	354,--	36,--	34,--	S	323,--	-	34.7	
K1973TB	8.434,--	2.1/8"/54L	-	-	1.5/8"/42L	-	-	S	1 5/8"/42L	171,--	NW 65	730,--	S	69,--	77,--	354,--	36,--	34,--	S	323,--	-	50.13
K2923TB	11.002,--	2.1/8"/54L	-	-	2.1/8"/54L	-	-	S	2 1/8"/54L	212,--	NW 65	730,--	S	69,--	77,--	354,--	36,--	34,--	S	323,--	-	73.26
K3803TB	15.252,--	3.1/8"/76L	-	-	3.1/8"/76L	-	-	S	3 1/8"/76L	434,--	NW80 (4)	1.123,--	S	69,--	77,--	354,--	36,--	34,--	S	323,--	-	96.4
K4803TB	17.873,--	3.1/8"/76L	-	-	3.1/8"/76L	-	-	S	3 1/8"/76L	434,--	NW100 (4)	1.346,--	S	69,--	77,--	354,--	36,--	34,--	S	323,--	-	123.39

Extent of delivery:

Shell and tube condensers with fin tubes, protective charge, inlet: Rotolock connection with solder bushing, or flange with solder bushing; liquid outlet: shut-off valve with solder bushing, K123HB..K4803TB with second liquid outlet for marine application (shut-off valve optional), connection for pressure relief valve 1 1/4"-12UNF // 3/8"-18NPTF, angle brackets below, angle brackets – also above with the suffix "H(B)" and "T(B)", approval according to the EC Pressure Equipment Directive (PED) 97/23/EC, other approvals on request.

Note! K033N(B)..K373H(B): water connections are suitable for 2 and 4 pass operation, from K573H(B): number of water passes (2 or 4) must be stated when ordering.

- (1) Adapter for pressure relief valve – external thread G1/2" Adapter for pressure relief valve – external thread 1/2"-14NPTF
- (2) Adapter for pressure relief valve – internal thread G1/2" Adapter for pressure relief valve – internal thread 1/2"-14NPTF
- (3) Standard design: steel welding flanges DIN 2633 Seawater-resistant design: red-bronze screwed flanges DIN 2566
- (4) NW80: 4-Pass version / NW100: 2-Pass version
- (5) K1053H including additional rails (below)

Part No. **366 005-02**
Part No. **366 005-03**
Part No. **366 005-04**
Part No. **366 005-01**

Copper/Copper-Ni surcharge: For products containing Cu or Cu-Ni a surcharge applies, valid on the date of purchase. This surcharge is net (according to DEL Note) as per the following table and is not subject to discount.	DEL Note		470-489	490-509	510-529	530-549	550-569	570-589	590-609	610-629	630-649	650-669	670-689	690-709	
	Surcharge	Cu	EUR/kg	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00	6,25	6,50	6,75	7,00
	Surcharge	Cu-Ni	EUR/kg	5,95	6,30	6,65	7,00	7,35	7,70	8,05	8,40	8,75	9,10	9,45	9,80



Type	Price EUR	Additional Charges EUR																											
		Inlet Connection									Outlet Connection									2x Fixing Rails (below)	Angle Brackets (above)	2x Fixing Rails (above) for Single Compressor (8)	Fixing Plate for Single Compressor (8)	4x Fixing Rails (above) for Tandem Compressor	Minimum Level Control (3)	SE-B2 (4) Contact Protection Device for Minimum Level Indicator	OLC-D1-D – Opto-electronic Liquid Level Monitoring (3)	Adapter for Relief Valve External Thread G1/2" or 1/2"-14 NPTF (1)	Adapter for Relief Valve (2) Internal Thread G1/2" 3/8"-18 NPTF or 1/2"-14 NPTF
Receiver, Standard Connections	Inlet Connection (Standard) Solder Bushing Pipe Diameter: inch / mm (7)	Second Inlet Connection Solder Bushing, Pipe Diameter: inch / mm (7)	Additional Charge	Larger Inlet Connection, Pipe Diameter: inch / mm	Additional Charge	Shut-off Valve (5) for Receiver Inlet (Solder Bushing)	Additional Charge	Outlet Connection (Standard) Shut-off Valve, Solder Bushing Pipe Diameter: inch / mm	Larger Outlet Connection (Shut-off Valve), Pipe Diameter: inch / mm	Additional Charge																			
Standard Receivers																													
F062H	226,--	1/2"/12L	-	-	5/8"/16L	23,--	5/8"/16L	44,--	3/8"/10L	-	35,--	S	64,--	57,--	-	-	-	-	-	-									
F102H	337,--	5/8"/16L	-	-	7/8"/22L	38,--	7/8"/22L	70,--	1/2"/12L	5/8"/16L	23,--	44,--	S	64,--	77,--	-	-	-	-	-									
F152H	376,--	7/8"/22L	-	-	1.1/8"/28L	39,--	7/8"/22L	70,--	5/8"/16L	-	-	44,--	S	64,--	77,--	-	-	-	-	-									
F192T	466,--	5/8"/16L	-	-	7/8"/22L	38,--	7/8"/22L	70,--	5/8"/16L	-	-	44,--	S	-	-	194,--	-	-	-	-									
F202H	445,--	7/8"/22L	-	-	1.1/8"/28L	39,--	7/8"/22L	70,--	7/8"/22L	-	-	44,--	S	64,--	77,--	-	-	-	-	-									
F252H	513,--	7/8"/22L	-	-	1.1/8"/28L	39,--	7/8"/22L	70,--	7/8"/22L	-	-	47,--	S	69,--	77,--	-	-	-	-	-									
F302H	527,--	7/8"/22L	-	-	1.1/8"/28L	39,--	7/8"/22L	70,--	7/8"/22L	-	-	47,--	S	69,--	77,--	-	-	-	-	-									
F392T	733,--	7/8"/22L	-	-	-	-	7/8"/22L	70,--	7/8"/22L	-	-	47,--	S	-	-	194,--	-	-	-	-									
F402H	593,--	1.1/8"/28L	-	-	1.3/8"/35L	41,--	1.1/8"/28L	116,--	1.1/8"/28L	1.3/8"/35L	41,--	47,--	S	69,--	77,--	-	-	-	-	-									
F552T	755,--	1.1/8"/28L	-	-	1.3/8"/35L	41,--	1.1/8"/28L	116,--	1.1/8"/28L	1.3/8"/35L	41,--	72,--	S	69,--	77,--	138,--	-	-	-	-									
F562N	883,--	1.3/8"/35L	-	-	1.5/8"/42L	45,--	1.3/8"/35L	167,--	1.1/8"/28L	1.3/8"/35L	41,--	47,--	-	-	-	-	263,--	-	-	-									
F732N	979,--	1.3/8"/35L	-	-	1.5/8"/42L	45,--	1.3/8"/35L	167,--	1.1/8"/28L	1.3/8"/35L	41,--	47,--	46,--	69,--	77,--	-	263,--	-	-	-									
F902N	1.128,--	1.5/8"/42L	-	-	-	-	1.5/8"/42L	171,--	1.3/8"/35L	-	-	47,--	46,--	69,--	77,--	-	263,--	-	-	-									
F1052T	1.270,--	1.5/8"/42L	-	-	-	-	1.5/8"/42L	171,--	1.3/8"/35L	-	-	72,--	S	69,--	77,--	138,--	263,--	-	-	-									
F1202N	1.536,--	2.1/8"/54L	-	-	-	-	2.1/8"/54L	212,--	1.5/8"/42L	-	-	-	-	-	-	-	263,--	-	-	-									
F1602N	1.801,--	2.1/8"/54L	-	-	-	-	2.1/8"/54L	212,--	1.5/8"/42L	-	-	-	-	-	-	-	263,--	-	-	-									
F2202N	2.464,--	3.1/8"/76L	-	-	-	-	3.1/8"/76L	434,--	2.1/8"/54L	-	-	-	-	-	-	-	263,--	-	-	-									
F3102N	2.768,--	3.1/8"/76L	-	-	-	-	3.1/8"/76L	434,--	2.1/8"/54L	-	-	-	-	-	-	-	263,--	-	-	-									
Receivers with Larger Connections																													
F302G	665,--	1.5/8"/42L	-	-	-	-	1.5/8"/42L	171,--	1.5/8"/42L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
F562G	1.108,--	2.1/8"/54L	-	-	-	-	2.1/8"/54L	212,--	1.5/8"/42L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
F1052G	1.517,--	2.1/8"/54L	-	-	-	-	2.1/8"/54L	212,--	1.5/8"/42L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
F1602G	2.223,--	3.1/8"/76L	-	-	-	-	3.1/8"/76L	434,--	2.1/8"/54L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
Receivers for CO2 Cascade Systems and for R410A																													
F302K	731,--	7/8"/22L	7/8"/22L	38,--	-	-	2x 7/8"/22L	140,--	7/8"/22L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
F562K	1.221,--	7/8"/22L	7/8"/22L	38,--	-	-	2x 7/8"/22L	140,--	7/8"/22L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
F1052K	1.668,--	7/8"/22L	7/8"/22L	38,--	-	-	2x 7/8"/22L	140,--	7/8"/22L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									
F1602K	2.444,--	1.1/8"/28L	1.1/8"/28L	39,--	-	-	2x 1.1/8"/28L	232,--	1.1/8"/28L	-	-	-	-	-	-	-	263,--	36,--	34,--	323,--									

Extent of delivery:

Pressure vessel with protective charge, inlet: Rotalock connection with solder bushing or flange with solder bushing, liquid outlet: shut-off valve with solder bushing, connection for pressure relief valve 1 1/4"-12UNF // 3/8"-18NPTF. F062H to F192T: 1x sight glass with level indicator, F202H to F3102N, F302G to F1602G, F302K to F1602K: 2x sight glasses, F062H to F3102N, F302G to F1602G, F302K to F1602K: angle brackets below, with suffix "H" also above. Approval according to the EC Pressure Equipment Directive (PED) 97/23/EC, other approvals on request.

- (1) Adapter for pressure relief valve – external thread G1/2" Part No. **366 005-02**
 Adapter for pressure relief valve – external thread 1/2"-14NPTF Part No. **366 005-03**
 (2) Adapter for pressure relief valve – internal thread G1/2" Part No. **366 005-04**
 Adapter for pressure relief valve – internal thread 1/2"-14NPTF Part No. **366 005-01**
 (3) For mounting in existing sight glass
 (4) Standard voltage 230V/1/50&60Hz
 (5) Receiver with shut-off valves on both sides require a relief valve
 (6) Special approvals (on request)
 (7) F302K..F1602K: 2x inlet connections, 1x connection with solder bushing not mounted – second as accessory
 (8) F732N, F902N: Fixing rails (above) and fixing plate for compressor mounting require additional angle brackets

Type (6)	Price EUR	Additional Charges EUR																		SE-B2 (4) Contact Protection Device for Minimum/Maximum Level Indicator	OLC-D1-D – Opto-electronic Liquid Level Monitoring (3)	Electronic Level Control with Analog Output Signal	Monitoring Device for Level Control	Adapter for Relief Valve External Thread G1/2" or 1/2"-14 NPTF (1)	Adapter for Relief Valve (2) Internal Thread G1/2", 3/8"-18 NPTF or 1/2"-14 NPTF	Special Painting (on request)	Special Approvals (8) – Charges for Preparation (Approval Cost on Expense)																										
		Inlet Connection						Outlet Connection						Connection for Pressure Relief Valve (7)	Sight Glass, Low Level (7)	Sight Glass, High Level (7)	Sight Glass, Medium Level	Minimum Level Control (3)	Maximum Level Control (3)																																		
		Inlet Connection (Standard) Solder Bushing Pipe Diameter: inch / mm	Larger Inlet Connection Pipe Diameter: inch / mm	Additional Charge	Shut-off Valve (5) for Receiver Inlet (Solder Bushing)	Additional Charge	Outlet Connection (6) Shut-off Valve, Solder Bushing Pipe Diameter: inch / mm	Additional Charge	Larger Outlet Connection (Shut-off Valve) Pipe Diameter: inch / mm	Additional Charge																																											
Standard Receivers																																																					
FS36 (7)	138,--	3/8"/10L	-	-	-	-	3/8"/10L	17,--	-	-	-	29,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
FS56 (7)	153,--	3/8"/10L	-	-	-	-	3/8"/10L	17,--	-	-	-	74,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS76 (7)	180,--	1/2"/12L	-	-	-	-	1/2"/12L	18,--	5/8"/16L	23,--	-	74,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS126 (7)	255,--	1/2"/12L	-	-	-	-	1/2"/12L	18,--	5/8"/16L	23,--	-	74,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS102	357,--	5/8"/16L	7/8"/22L	38,--	7/8"/22L	70,--	1/2"/12L	S	5/8"/16L	23,--	S	S	S	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS152	416,--	7/8"/22L	-	-	7/8"/22L	70,--	5/8"/16L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS202	497,--	7/8"/22L	1.1/8"/28L	39,--	1.1/8"/28L	116,--	7/8"/22L	S	-	-	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS252	587,--	7/8"/22L	1.1/8"/28L	39,--	1.1/8"/28L	116,--	7/8"/22L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS302	612,--	1.1/8"/28L	1.3/8"/35L	41,--	1.1/8"/28L	116,--	7/8"/22L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS402	676,--	1.1/8"/28L	1.3/8"/35L	41,--	1.1/8"/28L	116,--	7/8"/22L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS562	1.055,--	1.3/8"/35L	1.5/8"/42L	45,--	1.3/8"/35L	167,--	1.1/8"/28L	S	1.3/8"/35L	41,--	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS732	1.185,--	1.3/8"/35L	1.5/8"/42L	45,--	1.3/8"/35L	167,--	1.1/8"/28L	S	1.3/8"/35L	41,--	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS902	1.220,--	1.5/8"/42L	-	-	1.5/8"/42L	171,--	1.3/8"/35L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS1122	1.684,--	2.1/8"/54L	-	-	2.1/8"/54L	212,--	1.5/8"/42L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS1602	1.983,--	2.1/8"/54L	-	-	2.1/8"/54L	212,--	1.5/8"/42L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS2202	2.678,--	3.1/8"/76L	-	-	3.1/8"/76L	434,--	2.1/8"/54L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS3102	2.920,--	3.1/8"/76L	-	-	3.1/8"/76L	434,--	2.1/8"/54L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS4002	5.448,--	4.1/4"/108L	-	-	4.1/4"/108L	1.012,--	3.1/8"/76L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS4752	5.851,--	4.1/4"/108L	-	-	4.1/4"/108L	1.012,--	3.1/8"/76L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
FS5502	6.574,--	4.1/4"/108L	-	-	4.1/4"/108L	1.012,--	3.1/8"/76L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Receivers for CO2 Cascade Systems and for R410A																																																					
FS302K	782,--	7/8"/22L	-	-	2x 7/8"/22L	-	7/8"/22L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
FS562K	1.217,--	7/8"/22L	-	-	2x 7/8"/22L	-	7/8"/22L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
FS902K	1.635,--	7/8"/22L	-	-	2x 7/8"/22L	-	7/8"/22L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
FS1602K	2.373,--	1.1/8"/28L	-	-	2x1.1/8"/28L	-	1.1/8"/28L	S	-	-	S	S	S	S	-	263,--	263,--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	

Extent of delivery: Pressure vessel with protective charge, inlet: welded nut or Rotalock connection with solder bushing, liquid outlet FS36..FS126: Rotalock connection with nut (shut-off valve as option), liquid outlet FS102..FS5502: shut-off valve with solder bushing, or flange with solder bushing, FS102..FS152: connection for pressure relief valve 1 1/4"-12UNF // 3/8"-18NPTF, FS202..FS5502: connection for pressure relief valve 1 1/4"-12UNF.
Fixing: FS36 central stud below, FS56..FS5502 fixing feet below. Approval according to the EC Pressure Equipment Directive (PED) 97/23/EC, other approvals on request.

- Adapter for pressure relief valve – external thread G1/2" Adapter for pressure relief valve – external thread 1/2"-14NPTF
- Adapter for pressure relief valve – internal thread G1/2" Adapter for pressure relief valve – internal thread 3/8"-18NPTF Adapter for pressure relief valve – internal thread 1/2"-14NPTF
- For mounting in existing sight glass
- Standard voltage 230V/1/50&60Hz
- Receiver with shut-off valves on both sides require a relief valve
- FS36..FS126: Shut-off valve as option (not mounted) FS102..FS5502: Shut-off valve as standard (mounted)
- FS36: Accessory set includes 1 sight glass (low level) FS56..FS126: Accessory set includes 2 sight glasses and connection for relief valve (1 1/4"-12UNF // 3/8"-18NPTF)

Part No. **366 005-02**
Part No. **366 005-03**
Part No. **366 005-04**
Part No. **366 005-05**
Part No. **366 005-01**

- Special approvals (on request):
- On request

General Terms and Conditions of Sale and Delivery of Bitzer Kühlmaschinenbau GmbH, Sindelfingen (Germany) and Bitzer Kühlmaschinenbau Schkeuditz GmbH, Schkeuditz (Germany)

1. Scope

Sales, deliveries and other services by Bitzer Kühlmaschinenbau GmbH and Bitzer Kühlmaschninenbau Schkeuditz GmbH (hereinafter: "Bitzer") shall be rendered exclusively in accordance with the following General Terms and Conditions of Sale and Delivery (hereinafter: "Terms of Delivery"), which Customer accepts by placing his order or accepting delivery. These Terms of Delivery shall also apply for any future transactions with Customer. The application of Customer's conflicting and supplementary terms and conditions is excluded even if they have not been expressly contradicted by Bitzer.

2. Conclusion of Contract

2.1 Offers by Bitzer are nonbinding. Contracts shall not be created until they have been confirmed in writing by Bitzer and shall be governed exclusively by the contents of the confirmation of order and these Terms of Delivery. Verbal agreement or commitments must be confirmed by Bitzer to become effective.

2.2 If the parties have agreed accordingly, the confirmation according to clause 2.1 may also be given per eMail [or per other internet-media].

2.3 Bitzer reserves all rights to sales documentation and samples (in particular illustrations, drawings, indications of weight and measurements), which may not be made available to third parties and are to be promptly returned to Bitzer upon request. They might be made available to third parties if Bitzer gives its expressive prior consent.

3. Periods, Deadlines, Passage of Risk

3.1 Delivery dates and delivery periods are only binding if they have been confirmed by Bitzer in writing and Customer has disclosed or provided to Bitzer all of the information and documents necessary for delivery in a timely manner and has made any agreed downpayments as scheduled. Agreed periods shall commence on the date of the confirmation of order. In the event of additional or expanded orders placed at a later time, such periods shall be extended accordingly.

3.2 Unforeseeable, unavoidable as well as events outside of the scope of Bitzer's influence for which Bitzer bears no responsibility such as acts of God, war, natural disasters, administrative ordinances or labor conflicts, shall release Bitzer from the obligation to make timely delivery or performance for the duration of such events. Agreed periods shall be extended accordingly by the length of the disturbance; Customer shall be informed in an appropriate manner that a disturbance has occurred or ended. If the end of the disturbance is not foreseeable or if it lasts for more than three months, each party shall be entitled to rescind the contract.

3.3 In the event of late delivery by Bitzer, Customer shall be entitled to cancel the Agreement only if Bitzer is responsible for the delay and a reasonable period, set by the Customer for the delivery, has expired unsuccessfully.

3.4 If Customer is in default of accepting performance or if he should be in breach of other duties to co-operate with Bitzer, Bitzer shall be entitled to reasonably warehouse the goods at Customer's risk and expense. Bitzer shall be entitled, irrespective of any other rights, to rescind the contract if Customer has allowed a reasonable period of grace set for his acceptance of delivery to expire to no avail.

3.5 Bitzer may make partial delivery upon justified grounds.

4. Shipment, Transfer of risk, Insurances

4.1 Unless Customer stipulates otherwise, shipment shall be made using a reasonable form of shipment in the customary packaging.

4.2 Risk shall pass to Customer upon the delivery of the subject of delivery to the transport company or to Customer himself. If delivery or shipment is delayed on grounds for which Customer bears responsibility, risk shall pass to Customer on the day of the notice of the readiness of the subject of delivery for shipment.

5. Prices, Terms of Payment

5.1 If the parties have not agreed to a particular price, the price shall be determined by the price list of Bitzer applicable on the date of the conclusion of contract.

5.2 All Bitzer prices are ex works and exclusive of the applicable value-added tax, any import duties but inclusive of the costs of normal packaging. Special packaging shall be invoiced additionally.

5.3 Each invoice shall be due for payment without any deduction within 30 days of the date of invoice. Payments by Customer shall not be deemed to have been made until Bitzer has received such payment.

5.4 If Customer does not pay in time pursuant to clauses 5.3 Bitzer shall be entitled to charge Customer interest at the applicable statutory rate from time to time. Bitzer reserves the right to claim any further damages.

5.5 Bills of exchange shall only be accepted upon special arrangement and on account of performance and without any costs or bank charges for Bitzer.

5.6 Customer is only entitled to a set-off if his counterclaim is uncontested or is final and absolute.

5.7 Customer is only entitled to assert a right of retention if his counterclaim is based on the same contract and is uncontested or final and absolute.

5.8 If, following the conclusion of contract, Bitzer becomes aware of a lack of Customer's capability of performance, Bitzer shall be entitled to only make outstanding deliveries or performance upon Customer's prepayment or rendering of collateral; in the event that prepayment or collateral have not been provided even after the expiration of a reasonable period of grace, Bitzer may fully or partially cancel all relevant contracts in whole or in part without prejudice to any further rights it may have.

6. Agreement about characteristics. No guarantee.

6.1 Bitzer warrants that the delivered goods, at the time at which the risk passes to the Customer have the agreed characteristics; the latter are determined by the specific written agreements about qualities, features, performance characteristics of the delivered goods.

6.2 Bitzer does not intend, and it is not the purpose of this contract, to provide any undertaking (guarantee) for the characteristics of the goods above and beyond the specifics agreement about the characteristics referred to in clause 6.1.

6.3 In accordance with clause 6.2 all information given in catalogues, pricelists and other informative literature provided by Bitzer to the Customer is under no circumstances to be understood as such guarantee.

7. Warranty. Customers duty to inspect goods.

7.1 All warranty rights pursuant to this section 7 require that the subject of delivery is still situated in the contractually determined country of delivery. In the event that Customer delivers a subject of delivery to another country, no warranty shall be given regarding such subjects of delivery; warranty measures outside the contractually determined country of delivery shall not be provided; rights to subsequent performance pursuant to section 7.4 are specifically excluded.

7.2 Warranty rights of Customer shall require that he has inspected the subject of delivery without undue delay upon delivery and has notified Bitzer of any defects without undue delay in writing, but no later than two weeks following delivery; hidden defects must be reported to Bitzer in writing without undue delay following their discovery.

7.3 In the event of a notice of defect Bitzer shall have the right to inspect and test the subject of delivery in question. To such end, Customer shall grant Bitzer the required time and opportunity. Bitzer may also demand from Customer that he sends the subject of delivery in question to Bitzer at own expense. If Customer's notice of defect proves to be unjustified, he shall be obligated to Bitzer for the compensation of all expenses incurred in this context - e.g. travel expenses and costs of technicians or shipping costs.

7.4 Defects for which a warranty must be provided shall be remedied by Bitzer at its own option by remedial work or the delivery of a faultless part or of an entire faultless item of delivery (subsequent performance), both at no cost for Customer.

7.5 Customer shall grant Bitzer the required time and opportunity for the remedial work or delivery of a replacement. Customer shall only have the right, following consultation without undue delay with Bitzer, to remove the defect itself or have it removed by a third party and demand from Bitzer compensation for its necessary expenses in emergencies in which there is a threat to plant safety or to avert unreasonably large damage or if Bitzer is in default of remedying the defect. Customer shall not have the right to demand compensation if it has to bear such expenses in accordance with clause 7.3, last sentence, by its own.

7.6 Parts replaced within the scope of subsequent performance pursuant to clause 7.4 shall be reimbursed to Bitzer. Bitzer shall have the right to revoke defective subjects of delivery against remuneration even after the period of warranty.

7.7 Bitzer shall not assume any warranty for damage caused by inappropriate or improper use, inappropriate operating resources (in particular use oils not qualified by Bitzer), faulty assembly, faulty start-up, faulty treatment, faulty installation by Customer or third parties commissioned by him, natural wear and tear (particularly to expendable parts) or faulty electro-mechanical or electrical conditions, if Bitzer bears no responsibility for the damage.

7.8 The costs of materials, shipping and labor for the purpose of remedial work or the delivery of replacements shall be assumed by Bitzer.

7.9 If Bitzer seriously and definitely refuses performance of the contract, if there are any special circumstances which, on careful consideration of the mutual interests, justify the immediate exercise of rights other than those mentioned in clause 7.4, the subsequent removal of the fault or the replacement fails or is unreasonable to the Customer, or Bitzer has refused subsequent removal of the fault or replacement in accordance with section 439 subsection 3 German Civil Code ("BGB") due to unreasonable costs, the Customer, at its own option, shall be entitled pursuant to the statutory provisions to rescind the contract, to reduce the purchase price or demand his damages instead of performance (or compensation for expenses respectively).

7.10 The limitation period regarding warranty-claims for the delivered item shall be 12 months from transfer of risk. If Bitzer for the purposes of subsequent performance pursuant to clause 7.4 removes the fault, the limitation period is stopped for the term of such removal work and shall be extended accordingly. If Bitzer replaces the deficient item by a new one, a new limitation period of 12 months commences for warranty-claims.

8. Damages and Limitation of Liability

8.1 Bitzer shall be liable for damages without limitation in accordance with legal principles, unless clause 8.2 provides something differing.

8.2 Bitzer shall

- be liable only to the extent of the typical foreseeable contractual damage for the slightly negligent breach of material contractual duties;
- not be liable for the slightly negligent breach of immaterial contractual duties.

8.3 Clauses 8.1 to 8.2 are applicable to all claims for damages, disregarding their legal ground, in particular also to those resulting from tort.

8.4 The Customer shall be obliged to engage in adequate measures to avoid damages or to lessen or to decrease damages.

9. Retention of Title

9.1 The delivered products shall remain the property of Bitzer until complete payment is made of all of Bitzer's receivables arising under its business relationship with Customer.

9.2 In the event of a current account the retention of title shall serve to secure the claim to the balance to which Bitzer is entitled.

9.3 Customer shall only be entitled to sell the products subject to the retention of title within the scope of normal business transactions. Customer is not entitled to pledge, provide chattel mortgages on or otherwise dispose of the products subject to retention of title in a manner endangering Bitzer's ownership. Customer hereby assigns his claims for the proceeds under the resale of the products to Bitzer, which accepts such assignment. In the event that Customer disposes of the products subject to the retention of title after having them processed, remodeled or merged with other goods, assignment of the amount of such part only which corresponds to the price agreed to by Bitzer and Customer plus 10 % of such price as security premiums shall be deemed. Customer is conditionally authorized to collect in trust the receivables assigned to Bitzer in his own name and on behalf of Bitzer. Bitzer may revoke this authorization and the entitlement to resell the products if Customer is in default of material obligations to Bitzer such as his payment obligations.

9.4 In the event that products subject to the retention of title are merged with other goods, Bitzer becomes co-proprietor of the new good according to the quota to which the products subject to the retention of title contribute to the value of the new good. In the event that by the merger the good of the customer is to be regarded as the main good, it shall be deemed to be agreed that Customer shall transfer joint tenancy to Bitzer according to its quota of the total value of the new good. The subject of joint tenancy shall be kept safe by Customer also for Bitzer.

9.5 Customer shall provide Bitzer at all times with the requested information concerning the products sold under retention of title or claims which have been assigned to Bitzer hereunder. Attachments of or claims against the products sold under retention of title through third parties must be reported immediately by Customer to Bitzer upon provision of the necessary documentation. Customer shall simultaneously inform the third party of Bitzer's retention of title. The costs of averting such attachments and claims shall be borne by Customer.

9.6 Customer is obligated to treat the products sold under the retention of title with care for the duration of such retention of title.

9.7 Should the realizable value of the collateral exceed the total amount of Bitzer's receivables to be secured by more than 10 %, Customer shall be entitled to demand a release of collateral to such extent.

9.8 Should Customer be in default of a material obligation such as payment to Bitzer, Bitzer may take back any products sold under the retention of title without prejudice to any other rights it may have and otherwise realize such products for the purpose of satisfying its receivables due for payment by Customer. In this case Customer shall provide Bitzer or its representatives immediate access to the products sold under retention of title and surrender the same. Should Bitzer demand a surrender of goods under the provisions of this clause, this shall not be deemed to be a rescission of contract.

9.9 In the event of deliveries to other jurisdictions in which the foregoing arrangements governing the retention of title do not have the same effect of

securing rights as in Germany, Customer shall do everything to create corresponding rights of security for the benefit of Bitzer. Customer shall co-operate, for example, in the registrations, public notices and the like required for and expedient to effectuating and enforcing such rights of security.

9.10 On Bitzer's demand Customer is obligated to reasonably insure the products sold under retention of title. Upon Bitzer's request, Customer shall provide Bitzer with equivalent insurance certificates and shall assign the claims under the insurance contract to Bitzer in the amount of Bitzer's respective remaining claim.

10. Product Liability

Should Customer sell the subject of delivery unaltered or following processing, union, mixing or confusion with other goods, he shall indemnify Bitzer within his internal relationship with Bitzer against product liability claims of third parties to the extent he is responsible for the fault causing such liability.

11. Intellectual Property

Should Customer prescribe how Bitzer is to produce the products to be delivered by providing certain instructions, information, documents, drafts or drawings, Customer shall warrant that no third-party rights such as patents, utility models and other proprietary and copyrights shall be infringed by Bitzer. Customer shall indemnify Bitzer against all claims of third parties which they may raise against Bitzer because of such infringement.

12. General Terms and Conditions

12.1 Changes and supplements to the contract and/or these Terms of Delivery, as well as any side agreement, shall require written form. This shall also apply for the modification of this written form requirement.

12.2 If a term of the contract and/or these Terms of Delivery are fully or partially invalid, the other provisions shall remain unaffected. The parties undertake in such case to replace the invalid provision by such valid provision which may come closest to the commercial purpose of the invalid provision.

12.3 If Customer is a merchant, legal entity under public law or a special fund under public law, the exclusive place of jurisdiction for all disputes arising under the parties' contractual relationship shall be the place of the invoicing Company. This shall also apply if Customer does not have any general place of jurisdiction in the Federal Republic of Germany or has moved his habitual residence to a foreign country following the conclusion of contract. Bitzer is entitled, however, to enter actions against Customer at any other statutory court of jurisdiction.

12.4 The law of the Federal Republic of Germany shall apply with the exception of the UN Law of Sales (CISG).



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