



PRICE LIST 2024

STOCK EQUIPEMENT



8 August 2024

**BERLING S.A. phone: +48 22 727 84 97, e-mail: berling@berling.pl
WAREHOUSE AND SALES DEPARTMENT Al. Krakowska 80A, 05-552 Stefanowo
opening hours Monday - Friday 8:00-16:00**

registered in the Warsaw District Court, 14th Commercial Division of the National Court Register,
company register number KRS: 0000298346, tax identification number: PL5220059742,
share capital: PLN 14 280 000, paid capital: PLN 14 280 0000

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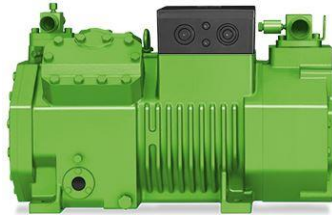
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All prices are gross prices and do not include VAT.

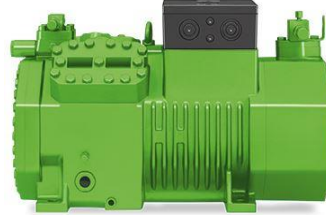
We reserve the right to make changes.



COMPRESSORS



2...SL...



4...TC...

SUBCRITICAL semi-hermetic piston compressors

Type	Cooling capacity Q _o [kW] for R744 at evaporation/condensing temperature [°C]			Price [EUR]
	-30/-10	-35/-10	-40/-10	Standard execution
				Compressor with crankcase heater
2JSL-2K-40S	7,18	5,65	4,36	1 747,-
2HSL-3K-40S	9,28	7,36	5,71	1 798,-
2FSL-4K-40S	13,97	11,22	8,86	1 822,-

Compressor equipped with suction/discharge shut-off valve, suction safety-valve, electronic motor protection device SE-B1, with ester oil BSE60K charge.

TRANSCRITICAL semi-hermetic piston compressors

Type	Cooling capacity Q _o [kW] for R744 at evaporating/output from gas cooler temperature [°C]			Price [EUR]
	-5/+25	-5/+35	-5/+45	Standard execution
				Compressor with crankcase heater
4MTE-10K-40S	19,68	14,94	11,74	5 113,-
4KTE-10K-40S	29,2	22,1	16,73	5 229,-
4HTE-20K-40S	37,2	28,6	22,8	6 533,-
4FTE-20K-40P	55,7	42,6	32,6	6 972,-
4FTE-30K-40S	55,6	43,8	35,5	7 920,-

Compressor equipped with discharge safety-valve, electronic motor protection device SE-B1, with ester oil BSE85K charge.



ROLLER air cooler DLKT with electric defrost

Type	Cooling capacity Q _o [kW] at inlet air temperature		Heat exchange surface [m ²]	Number of fans x D [mm]/ power consumption [W/pc.]/ power supply [f]	Air volume [m ³ /h]	Price [EUR]
	0°C (DT1=8K)	-18°C (DT1=7K)				
DLKT 713 EC COI 80 bar*	3,2	2,1	10,3	3 x 250 / 31 / 1	2400	1 686,-



ROLLER air cooler type FHVT with electric defrost

Type	Cooling capacity Q _o [kW] at inlet air temperature		Heat exchange surface [m ²]	Number of fans x D [mm]/ power consumption [W/pc.]/ power supply [f]	Air volume [m ³ /h]	Price [EUR]
	0°C (DT1=8K)	-18°C (DT1=7K)				
FHVT 712 EC COI 80 bar*	4,3	3,2	13,5	2 x 300 / 60 / 1	3200	1 922,-
FHVT 704 EC COI 80 bar*	6,6	4,9	20,2	4 x 254 / 31 / 1	4200	2 133,-
FHVT 713 EC COI 80 bar*	7,4	5,5	20,2	3 x 300 / 60 / 1	4800	2 477,-

* Until stocks last



SOLENOID EXPANSION VALVES

1 июля 2024 1 июля 2024 1 июля 2024

Code	Description	Connection	Pressure [bar]	Price [EUR]
068F5212	AKV 10P2 expansion valve	Without coil	90	160,-
068F5213	AKV 10P3 expansion valve			
068F4044	AKV 10PS4 expansion valve			
068F4045	AKV 10PS5 expansion valve			
068F4046	AKV 10PS6 expansion valve			
068F4047	AKV 10PS7 expansion valve			
068F4048	AKV 10PS8 expansion valve			
018F6732	valve coil AKV 10P 230 V/17 W/50 Hz for AK-CC			



ELECTRONIC CONTROLLER OF SOLENOID EXPANSION VALVES

Code	Type	Description	Price [EUR]
084B4081	AK-CC 55 Compact	Cold room and superheat controller without display for electronic solenoid or thermostatic expansion valve	356,-
084B4083	AK-CC 55 Single Coil UI	Cold room and superheat controller with display for solenoid expansion valve	518,-
084B4076	AK-UI55 Set	Display for AK-CC 55 with buttons, panel mounting	72,60
084N0036	AKS 12	Temperature sensor Pt1000	30,60
084N0003	AKS 11	Surface temperature sensor Pt1000	32,50
060G5750	AKS 2050	Pressure transducer range: 0 - 60 bar	178,-
060G1034		AKS pressure transducer electric connection with cable 5 m	31,70
060G0008		PG9 electric connection transducer AKS 32R and 2050, IP65	12,70
017-436866		Brazed connection for transducer AKS 2050 G 3/8" - 8 mm ODF (10 mm ODM)	13,20
084B4078		Connecting cable RJ12 to display AK-UI55 Set, cable 3 m	13,10



ELECTRONIC STEPPER EXPANSION VALVES

Code	Description	Connection	Protection class	Pressure [bar]	Price [EUR]
027H7240	CCMT 3L El. stepper expansion valve, angle fitting	1/2" x 1/2"	IP 67	130	896,-
027H7201	CCMT 4 El. stepper expansion valve, straight fitting	5/8" x 5/8"	IP 67	140	1 065,-
027H7243	CCMT 5L El. stepper expansion valve, angle fitting	1/2" x 1/2"	IP 67	130	938,-
034G7073	PVC cable with connection to valves CCMT and ETS; cable length 2 m				33,30



ELECTRONIC CONTROLLER OF STEPPER EXPANSION VALVES

Code	Type	Description	Price [EUR]
080G5300	EKE 1A	Superheat controller for el. stepper expansion valves ETS, ETS Colibri, CCMT without display, power supply 24 V AC/DC	181,-
080G5350	EKE 1B	Superheat controller for el. stepper expansion valves ETS, ETS Colibri CCMT without display; Modbus; power supply 24 V AC/DC	236,-
080G5400	EKE 1C	Superheat controller for el. stepper expansion valves ETS, ETS Colibri CCMT without display; Modbus and CAN Bus; power supply 24 V AC/DC	423,-
080G0294	MMIGRS2	Additional LCD display with buttons, panel mounting	177,-
080G0075	ACCCBI	Connecting cable to display MMIGRS2; 1,5 m	5,80
080G0205	ACCPBT	Superheat sensor to EKE; cable length 1,5 m; IP68	8,40
060G5750	AKS 2050	Pressure transducer range: 0 - 60 bar	178,-
060G1034		AKS pressure transducer electric connection with cable 5 m	31,70
060G0008		PG9 electric connection transducer AKS 32R and 2050, IP65	12,70
017-436866		Brazed connection for transducer AKS 2050 G 3/8" - 8 mm ODF (10 mm ODM)	13,20



ELECTRONIC STEPPER EXPANSION VALVES

Code	Description	Connection	Pressure [bar]	Price [EUR]
EX4-M21	El. stepper expansion valve, straight brazed fitting	10 x 16 mm	90	254,-
EX5-U21		16 x 22 mm	60	254,-
EX6-M21		22 x 28 mm	60	311,-
EX7-M21		28 x 35 mm	60	453,-
EXV-M60	Cable 6 m with connection to el. stepper expansion valves			19,40

ELECTRONIC STEPPER VALVE CONTROLS

Code	Description	Price [EUR]
EXD-SH1	Superheat controller for el. stepper expansion valves EX, FX and CX with display, power supply 24 V AC/DC	188,-
EXD-SH2	Superheat controller for two el. stepper expansion valves EX, FX and CX with display, power supply 24 V AC/DC	224,-
EXD-M03	Sensor and power connection, 12-core cable, cable 3 m, for EXD controllers	31,80
TP1-NP3	Superheat temperature sensor with 3 m cable for EXD-SH; IP68; range -40÷120°C; dimensions 4 x 40 mm	25,80
PT5N-50M	Pressure transducers (0÷50 bar) 4÷20 mA, IP67, sensor fitting 1/4" SAEf, without electric connector	105,-
PT4-M15	Electric connector to TP5N-50M with cable 1,5 m	9,20

TRANSFORMERS

Code	Description			Price [EUR]
	Primary voltage	Secondary voltage	Power	
TZB20/ZZ	230 V	24 V	20 VA	25,-
PSS 20N	230 V	24 V	21 VA	35,40
ECT-323	230 V	24 V	25 VA	28,70
ECT-623	230 V	24 V	60 VA	32,50



SOLENOID VALVES without coil or electric connector

Code	Description/Connection	Type	Q _{ZN} [kW]	Kv [m ³ /h]	Pressure [bar]	Price [EUR]	
1048EL/4S	CASTEL	1/2" (12,0 mm) brazed	NC	64,3	2,4	60	71,-
1048EL/5S		5/8" (16,0 mm) brazed	NC	80,4	3,0	60	86,90
1058EL/7S		7/8" (22,0 mm) brazed	NC	152,8	5,7	60	164,-
HF3/9320/RA6	Coil for solenoid valves, 12 W, power supply 220-230 V AC 50-60 Hz					25,60	
9150/R02	18/PG11 Electric connector for coil HF3/9320/RA6					1,70	



CHECK VALVES

Code		Description/Connection		Kv [m ³ /h]	Pressure [bar]	Price [EUR]
CV3/M10MP	GMC	10 mm	Cu	1,4	62	24,80
CV3/5MP		5/8" (15,9 mm)	Cu			
CV3/7MP		7/8" (22,4 mm)	Cu			
3132W/M12	CASTEL	12 mm	Cu	1,8	50	22,80
3132W/M18		18 mm	Cu	5,0	50	35,10
3144W/7		7/8" (22,4 mm)	Cu	8,1	50	65,80
3132W/7		7/8" (22,4 mm)	Cu	5,0	50	39,90
3144W/9		1 1/8" (28,7 mm)	Cu	10,4	50	71,-
3144W/M28		28 mm	Cu	10,4	50	71,-
3145EW/M28		28 mm	Cu	10,4	80	86,90
3144W/11		1 3/8" (35,2 mm)	Cu	15,6	50	110,-
3145EW/11		1 3/8" (35,2 mm)	Cu	15,6	80	128,-
3144W/17		2 1/8" (54,0 mm)	Cu	39,0	50	300,-
3144W/21		2 5/8" (66,8 mm)	Cu	39,0	45	319,-
3144W/25		3 1/8" (79,8 mm)	Cu	39,0	45	371,-
3137E/5		5/8" (15,9 mm)	Cu K65	3,3	120	62,50
3147EW/7		7/8" (22,4 mm)	Cu K65	8,1	120	120,-
3147EW/9		1 1/8" (28,7 mm)	Cu K65	10,4	120	146,-
3147E/11	1 3/8" (35,2 mm)	Cu K65	15,6	120	235,-	



BV...



6590EL/17

SHUT-OFF BALL VALVES

Code		Description/Connection		Ball port [mm]	Kv [m ³ /h]	Pressure [bar]	Price [EUR]
6570EL/M6	CASTEL	6 mm	Cu	10	0,8	60	27,20
BVM10MP ¹⁾	GMC	10 mm	Cu	12	3,2	62	29,90
BVM12MP ¹⁾		12 mm	Cu	12	6,0	62	29,90
BV4MP ¹⁾		1/2" (12,0 mm)	Cu	12	6,0	62	29,90
BV5MP ¹⁾		5/8" (16,0 mm)	Cu	12	14,2	62	34,10
BV6MP ¹⁾		3/4" (19,0 mm)	Cu	20	18,0	62	42,70
BV7MP ¹⁾		7/8" (22,4 mm)	Cu	20	27,5	62	48,40
BV9MP ¹⁾		1 1/8" (28,7 mm)	Cu	25	40,5	62	61,20
BVM28MP ¹⁾		28 mm	Cu	25	40,5	62	61,20
BV11MP ¹⁾		1 3/8" (35,2 mm)	Cu	32	67,5	62	110,-
BVM42MP ¹⁾		42 mm	Cu	38	115,0	62	139,-
6590EL/17	CASTEL	2 1/8" (54,0 mm)	Cu	50	214,0	60	192,-

¹⁾ With brass cap and gasket



VALVES

SHUT-OFF BALL VALVES - continued



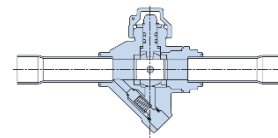
Code		Description/Connection		Ball port [mm]	Kv [m³/h]	Pressure [bar]	Price [EUR]	
BV5K	GMC	5/8" (16,0 mm)	Cu K65	brazed	12	14,2	130	47,10
BV7K		7/8" (22,4 mm)	Cu K65		18	25,0	130	85,60
BV9K		1 1/8" (28,7 mm)	Cu K65		24	40,5	130	99,80
BV11K		1 3/8" (35,2 mm)	Cu K65		31	67,0	130	152,-
BV13K		1 5/8" (41,3 mm)	Cu K65		38	115,0	130	229,-
BV5HP		5/8" (16,0 mm)	stainless st.	welded	12	14,2	140	51,40
BV7HP		7/8" (22,4 mm)	stainless st.		18	25,0	140	94,10
BVM28HP		28 mm	stainless st.		24	40,5	140	103,-
BV11HP		1 3/8" (35,2 mm)	stainless st.		31	67,0	140	157,-
BVM42HP		42 mm	stainless st.		38	115,0	140	229,-

SHUT-OFF BALL VALVES WITH INTERNAL NON-RETURN VALVE



Code		Description/Connection		Ball port [mm]	Kv [m³/h]	Pressure [bar]	Price [EUR]		
6531E/3	CASTEL	3/8" (9,8 mm)	Cu	brazed	15	3,0	90	76,-	
6531E/M10		10 mm	Cu		15	3,0	90	76,-	
6531E/4		1/2" (12,7 mm)	Cu		15	5,0	90	81,-	
6531E/5		5/8" (16,0 mm)	Cu		15	17,0	90	83,20	
6531E/6 ²⁾		3/4" (19,0 mm)	Cu		15	17,0	90	95,50	
6531E/7		7/8" (22,4 mm)	Cu		19	29,0	90	104,-	
6531E/9		1 1/8" (28,7 mm)	Cu		19	29,0	90	128,-	
6531E/3A		3/8" (9,8 mm)	Cu		with service valve	15	3,0	90	81,70
6531E/M10A		10 mm	Cu			15	3,0	90	81,70
6531E/4A		1/2" (12,7 mm)	Cu			15	5,0	90	86,80
6531E/5A		5/8" (16,0 mm)	Cu			15	17,0	90	89,-
6531E/6A		3/4" (19,0 mm)	Cu			15	17,0	90	102,-
6531E/7A		7/8" (22,4 mm)	Cu			19	29,0	90	110,-
6531E/9A		1 1/8" (28,7 mm)	Cu			19	29,0	90	133,-

SHUT-OFF BALL VALVES WITH INTEGRAL PRESSURE RELIEF



Code		Description/Connection		Ball port [mm]	Kv [m³/h]	Pressure [bar]	Price [EUR]	
EBVT-PR-10MM ^{1),*}	PARKER	10,0 mm	Cu K65	brazed	12,7	3,7	90	145,-
EBVT-PR-1060 ^{1),*}		3/4" (19,0 mm)	Cu K65		19,1	18,1	90	169,-
EBVT-PR-1070 ^{1),*}		7/8" (22,4 mm)	Cu K65		19,1	26,2	90	172,-

¹⁾ With brass cap and gasket and service valve

* Until stocks last

²⁾ Valve available from: September 2024



BVT...K

3-WAY BALL VALVES without actuator

Code	Description/Connection				Ball port [mm]	Kv [m ³ /h]	Pressure [bar]	Price [EUR]
BVT7K	GMC	7/8" (22,4 mm)	Cu K65	brazed	18	8,0	120	172,-
BVT9K		1 1/8" (28,7 mm)	Cu K65		24	15,0	120	186,-
BVT11K		1 3/8" (35,2 mm)	Cu K65		28	20,5	120	229,-
BVT13K		1 5/8" (41,3 mm)	Cu K65		37	39,0	120	286,-
BVT7I		7/8" (22,4 mm)	stainless st.	welded	18	8,0	120	172,-
BVTM28I		28 mm	stainless st.		24	15,0	120	186,-
BVT11I		1 3/8" (35,2 mm)	stainless st.		28	20,5	120	229,-
BVTM42I		42 mm	stainless st.		37	39,0	120	286,-
AMBV2	Adapter for valves BVT7, BVT9 and BVTM28 actuator controlled							42,40
AMBV4	Adapter for valves BVT11, BVT13 and BVTM42 actuator controlled							42,40



CSV...SHP



VHU...HP

SHUT-OFF/SERVICE VALVES

Code	Type	Description/Connection				Kv [m ³ /h]	Pressure [bar]	Price [EUR]	
		Inlet		Outlet					
VHU2-2HP ¹⁾	GMC	capped	1/4" SAE	screwed	1/4" SAE	screwed	0,27	140	14,30
VHU2-2SHP ¹⁾			1/4" (6,4)	brazed	1/4" SAE	screwed	0,45	140	14,30
CSV2SHP ¹⁾			1/4" (6,4)	brazed	1/4" (6,4)	brazed	0,4	120	21,40
CSV3SHP ¹⁾			3/8" (9,8)		3/8" (9,8)		1,0	120	21,40
CSV4SHP ¹⁾			1/2" (12,7)		1/2" (12,7)		1,5	120	21,40

¹⁾ With brass cap and gasket



SAFETY VALVES

Code	Description/Connection	Pressure [bar]	Price [EUR]
3061/4C-21	CASTEL	21	27,40
3061/4C-28		28	27,40
3061/3C-28		28	27,40
3065/4C-16		16	63,20
3065/4C-21		21	63,30
3065/4C-28		28	63,20
3065/4C-40		40	65,50
3065/4C-50		50	65,50
3065/4C-60		60	65,50
3030E/410C-120		120	324,-



VALVES



SHUT-OFF VALVES FOR SAFETY VALVES

Code		Description/Connection	Kv [m ³ /h]	Pressure [bar]	Price [EUR]
3064E/22	CASTEL	Shut-off valve for safety valves 1/4" NPT	2,5	120	65,40
3064E/33		Shut-off valve for safety valves 3/8" NPT	5	120	63,80
3064E/44		Shut-off valve for safety valves 1/2" NPT	10	120	65,40
3032E/44		Change-over valve for safety valves 3030E/410C, 3065/4C, 3061/4C	3,3	165	134,-
3035/4		Brazed connection D22 mm ODS x 1/2" NPTf	-	120	9,30
3035/8		Brazed connection D35 mm ODS x 1" NPTf	-	120	18,70
110877		O-ring for valves 3032E/33, 3032E/44	-	-	5,20



SCHROEDER SERVICE VALVE

Code		Description	Pressure [bar]	Price [EUR]
SVCECO2	GMC	Vent with an outer spring	60	1,60
8351/2	CAST.	Vent tip for soldering (without vent) 6 mm x 1/4" SAE	120	0,80
8392/A		Cap with gasket for vent	80	0,40

CO₂ FILTERS



4727E/..



4728E/..



INSPECTIONABLE STRAINERS

Code	Description/Connection	Pressure [bar]	Price [EUR]
4727E/4	CASTEL 1/2" (12,7 mm) Cu K65 5/8" (16,0 mm) Cu K65 7/8" (22,4 mm) Cu K65 1 1/8" (28,7 mm) Cu K65 1 3/8" (35,2 mm) Cu K65 brazed	120	94,50
4727E/5		120	94,50
4727E/7		120	94,50
4727E/9		120	113,-
4727E/11		120	151,-
4728E/M22	welded 22 mm stainless st. 28 mm stainless st. 35 mm stainless st.	120	106,-
4728E/M28		120	120,-
4728E/M35		120	149,-



CSR.MP

FILTERS (with replaceable core)



Code	Description/Connection	Quantity x core type	Pressure [bar]	Price [EUR]
CSR485MP	GMC 5/8" (16,0 mm) Cu 7/8" (22,4 mm) Cu 1 1/8" (28,7 mm) Cu 1 3/8" (35,2 mm) Cu 42 mm Cu	1 szt. x H48	62	131,-
CSR487MP		1 szt. x H48	62	128,-
CSR489MP		1 szt. x H48	62	128,-
CSR4811MP		1 szt. x H48	62	128,-
CSR48M42MP		1 szt. x H48	62	129,-
4411E/17AF	CASTEL 2 1/8" (54,0 mm) steel	1 szt. x H48	62	164,-

FILTER CORES



Code	Description	Price [EUR]
CSR48	GMC H48, dehydrating H48, dehydrating, deacidificating H48, strainer	10,20
CSR48A		11,-
MFC48		21,60
4490/A ¹⁾	CASTEL H48, dehydrating H48, dehydrating, deacidificating H48, Deacidificating (burn out) H48, strainer	10,90
4490/AA ¹⁾		11,90
4490/BA ¹⁾		12,60
4495/C ¹⁾		22,70
111135	gasket for Castel H48 cores for CO ₂ applications	3,70

¹⁾ Gasket 111135 required for CO₂ applications



SIGHT GLASSES



SIGHT GLASSES with moisture indication

Code		Description/Connection			Pressure [bar]	Price [EUR]
MIM10SMP	GMC	10 mm	Cu	brazed	62	18,80
MIM12SMP		12 mm	Cu		62	19,40
MI5SMP		5/8" (16,0 mm)	Cu		62	21,40
MI7SMP		7/8" (22,4 mm)	Cu		62	37,70
MI9SMP		1 1/8" (28,7 mm)	Cu		62	44,-

PRESSURE TRANSDUCERS



AKS-2050



060G1034



Code		Description	Pressure [bar]	Price [EUR]
060G5750	DANFOSS	AKS-2050 ratiometric pressure transducer 10-90% Vz, sensor fitting G 3/8" A, max. operating pressure 100 bar, without el. connector	0 - 60	178,-
060G5752		AKS-2050 ratiometric pressure transducer 10-90% Vz, sensor fitting G 3/8" A, max. operating pressure 250 bar, without el. connector	0 - 160	235,-
060G1034		Connector for pressure transducers AKS with cable 5 m		31,70
017-436866		Brazed connection for transducer AKS 2050 G 3/8" - 8 mm ODF (10 mm ODM)		13,20



MANIFOLDS



K-PF2ML/D5-4-COS



3COSS/4-4/60

MANIFOLDS + HOSES



Code	Description	Pressure [bar]	Price [EUR]
K-PF2ML/D5-4-COS	2-way piston valve manifold station in case, pressure gauges 80 mm cl. 1.0, hoses 1500 mm (3x1/4"SAE)	-1 ÷ 100, 0 ÷ 160	378,-
3COSS/4-4/60	Set of hoses 1/4"SAE (3 pc.), 1500 mm	200	123,-



ELEKTRONICZNY PRZYRZĄD POMIAROWY (stacja manometrów)



Code	Description	Pressure [bar]	Price [EUR]
FOX-R744	FOX-R744 digital manifold (pressure gauge station) + 2 temperature sensors K type thermocouple + battery 9 V + case	200	522,-



MANOMERY TABLICOWE



Code	Description	Pressure [bar]	Price [PLN]
30841992	Panel glycerine pressure gauge 63 mm, cl. 1.6	0 ÷ 35	180,-
30841984	Panel glycerine pressure gauge 63 mm, cl. 1.6	0 ÷ 60	186,-



REFRIGERANT LEAK DETECTORS



D-TEK Stratus



D-TEK 3 CO2

ELECTRONIC LEAK DETECTORS



Code	Description	Price [EUR]
D-TEK Stratus ¹⁾	Leak detector for R22, R32, R134a, R404a, R407C R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50) R1234yf, CO ₂ (change of sensor required), ammonia, SF6 and all CFC, HCFC, HFC and HFO – LCD screen, long-life infrared sensor, sensitivity 1 g/year according to EN14624, Li-ion battery, power supply AC/DC, car charger, USB, spare filters, very long probe, earphones, plastic case	1 279,-
D-TEK 3 CO2	Leak detector for R744, with replaced sensor also for R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50), R1234yf, NH3, SF6 and all CFC, HCFC, HFC and HFO – sensor dedicated for CO ₂ , sensitivity 2 g/year according to EN14624, Li-ion battery (about 10 h), sensitivity level can be set, automatic and manual reset modes, charger AC, USB, spare filters, plastic case	885,-
724-701-G2	Inficon replaceable CO ₂ sensor for electronic leak detector D-TEK 3 and D-TEK Stratus	348,-
716-701-G1*	Replaceable IR sensor for electronic leak detector D-TEK CO2	288,-

¹⁾ In case of CO₂ application, change sensor to 724-701-G2

* Until stocks last

CHEMICAL PRODUCTS



CHEMICAL PRODUCTS Carly



Code	Description	Price [EUR]
TESTOIL-3P-CO2	Oil acidity test PAG, PAO, POE for CO ₂ installations	26,80



K65 HARD HVAC TUBES IN STRAIGHT LENGTHS



Wieland

K65®

Copper HVAC tubes K65 - EN 12735-1, Cu 99,9%, dehydrated, cleaned, plugged.
Operating pressure 120 bar - PL 875 (straight lengths 5 m)

Code	Outer dia. [inch ~ mm] x wall thickness [mm]	Hardness	Pressure [bar]	Price [PLN]/[m]
80-RSZ-5/8"	5/8" ~ 15,87 x 0,63	R-420	80	37,60
80-RSZ-3/4"	3/4" ~ 19,05 x 0,76	R-300	80	54,70
80-RSZ-7/8"	7/8" ~ 22,23 x 0,89	R-300	80	71,-
80-RSZ-1,1/8"	1,1/8" ~ 28,57 x 1,20	R-300	80	120,-
80-RSZ-1,3/8"	1,3/8" ~ 34,92 x 1,47	R-300	80	179,-
80-RSZ-1,5/8"	1,5/8" ~ 41,27 x 1,74	R-300	80	248,-
120-RSZ-5/8"	5/8" ~ 15,87 x 0,93	R-420	120	52,-
120-RSZ-3/4"	3/4" ~ 19,05 x 1,18	R-300	120	75,-
120-RSZ-7/8"	7/8" ~ 22,23 x 1,38	R-300	120	103,-
120-RSZ-1,1/8"	1,1/8" ~ 28,57 x 1,77	R-300	120	169,-
120-RSZ-1,3/8"	1,3/8" ~ 34,92 x 2,16	R-300	120	252,-
120-RSZ-1,5/8"	1,5/8" ~ 41,27 x 2,55	R-300	120	352,-

COPPER PRICES ARE FLUCTUATING. PLEASE CHECK IN THE CURRENT PRICE LIST AVAILABLE ON OUR WEBSITE.

R-290 HARD HVAC TUBES IN STRAIGHT LENGTHS

Code	Outer dia. [inch ~ mm] x wall thickness [mm]	Hardness	Pressure [bar]	Price [PLN]/[m]
M-RSZ-290-3/8"-M	3/8" ~ 9,53 x 0,76	R-290	97	22,20
M-RSZ-290-1/2"-M	1/2" ~ 12,70 x 0,76	R-290	72	29,10







COPPER FITTINGS K65



Wieland

K65[®]

COPPER FITTINGS K65

Type	Code	Description	Size [inch]		Pressure [bar]	Price [PLN]
			1	2		
Elbows 90° 2-flaring 	CO2-ŁUK-3/8"	Elbow 90° K65	3/8"	-	130	9,60
	CO2-ŁUK-1/2"	Elbow 90° K65	1/2"	-	130	13,60
	CO2-ŁUK-5/8"	Elbow 90° K65	5/8"	-	130	17,60
	CO2-ŁUK-3/4"	Elbow 90° K65	3/4"	-	130	27,10
	CO2-ŁUK-7/8"	Elbow 90° K65	7/8"	-	130	36,40
	CO2-ŁUK-1,1/8"	Elbow 90° K65	1,1/8"	-	130	60,60
	CO2-ŁUK-1,3/8"	Elbow 90° K65	1,3/8"	-	130	102,-
	CO2-ŁUK-1,5/8"	Elbow 90° K65	1,5/8"	-	130	156,-
Elbows 45° 2-flaring 	CO2-ŁUK-3/8"-45°	Elbow 45° K65	3/8"	-	130	16,30
	CO2-ŁUK-1/2"-45°	Elbow 45° K65	1/2"	-	130	25,10
	CO2-ŁUK-5/8"-45°	Elbow 45° K65	5/8"	-	130	29,20
	CO2-ŁUK-3/4"-45°	Elbow 45° K65	3/4"	-	130	45,60
	CO2-ŁUK-7/8"-45°	Elbow 45° K65	7/8"	-	130	52,-
	CO2-ŁUK-1,1/8"-45°	Elbow 45° K65	1,1/8"	-	130	59,60
	CO2-ŁUK-1,3/8"-45°	Elbow 45° K65	1,3/8"	-	130	85,60
	CO2-ŁUK-1,5/8"-45°	Elbow 45° K65	1,5/8"	-	130	133,-
Elbows 90° 1-flaring 	CO2-ŁUK-N-3/8"	Street elbow 90° K65	3/8"	-	130	13,-
	CO2-ŁUK-N-1/2"	Street elbow 90° K65	1/2"	-	130	15,10
	CO2-ŁUK-N-5/8"	Street elbow 90° K65	5/8"	-	130	18,60
	CO2-ŁUK-N-3/4"	Street elbow 90° K65	3/4"	-	130	27,10
	CO2-ŁUK-N-7/8"	Street elbow 90° K65	7/8"	-	130	35,50
	CO2-ŁUK-N-1,1/8"	Street elbow 90° K65	1,1/8"	-	130	58,80
	CO2-ŁUK-N-1,3/8"	Street elbow 90° K65	1,3/8"	-	130	103,-
	CO2-ŁUK-N-1,5/8"	Street elbow 90° K65	1,5/8"	-	130	157,-
Elbows 45° 1-flaring 	CO2-ŁUK-N-3/4"-45°	Street elbow 45° K65	3/4"	-	130	45,60
	CO2-ŁUK-N-7/8"-45°	Street elbow 45° K65	7/8"	-	130	51,10
	CO2-ŁUK-N-1,1/8"-45°	Street elbow 45° K65	1,1/8"	-	130	58,30
	CO2-ŁUK-N-1,3/8"-45°	Street elbow 45° K65	1,3/8"	-	130	83,20
	CO2-ŁUK-N-1,5/8"-45°	Street elbow 45° K65	1,5/8"	-	130	129,-

COPPER FITTINGS K65 - continued

Type	Code	Description	Size [inch]		Pressure [bar]	Price [PLN]
			1	2		
Couplers 	CO2-MUFA-3/8"	Coupler K65	3/8"	-	130	7,50
	CO2-MUFA-1/2"	Coupler K65	1/2"	-	130	10,60
	CO2-MUFA-5/8"	Coupler K65	5/8"	-	130	11,20
	CO2-MUFA-3/4"	Coupler K65	3/4"	-	130	14,50
	CO2-MUFA-7/8"	Coupler K65	7/8"	-	130	19,-
	CO2-MUFA-1,1/8"	Coupler K65	1,1/8"	-	130	29,30
	CO2-MUFA-1,3/8"	Coupler K65	1,3/8"	-	130	49,70
	CO2-MUFA-1,5/8"	Coupler K65	1,5/8"	-	130	82,10
Coupling reducers 	CO2-M-RED-1/2"-3/8"	Coupling reducer K65	1/2"	3/8"	130	23,70
	CO2-M-RED-5/8"-1/2"	Coupling reducer K65	5/8"	1/2"	130	22,80
	CO2-M-RED-3/4"-5/8"	Coupling reducer K65	3/4"	5/8"	130	23,20
	CO2-M-RED-7/8"-3/4"	Coupling reducer K65	7/8"	3/4"	130	24,30
	CO2-M-RED-1,1/8"-7/8"	Coupling reducer K65	1,1/8"	7/8"	130	33,80
	CO2-M-RED-1,3/8"-7/8"	Coupling reducer K65	1,3/8"	7/8"	130	55,70
	CO2-M-RED-1,3/8"-1,1/8"	Coupling reducer K65	1,3/8"	1,1/8"	130	55,70
	CO2-M-RED-1,5/8"-1,1/8"	Coupling reducer K65	1,5/8"	1,1/8"	130	97,60
	CO2-M-RED-1,5/8"-1,3/8"	Coupling reducer K65	1 5/8"	1,3/8"	130	82,70
Bushings 	CO2-N-RED-1/2"-3/8"	Bushing K65	1/2"	3/8"	130	8,80
	CO2-N-RED-5/8"-3/8"	Bushing K65	5/8"	3/8"	130	10,50
	CO2-N-RED-5/8"-1/2"	Bushing K65	5/8"	1/2"	130	16,20
	CO2-N-RED-3/4"-1/2"	Bushing K65	3/4"	1/2"	130	29,40
	CO2-N-RED-3/4"-5/8"	Bushing K65	3/4"	5/8"	130	12,70
	CO2-N-RED-7/8"-1/2"	Bushing K65	7/8"	1/2"	130	25,90
	CO2-N-RED-7/8"-3/4"	Bushing K65	7/8"	3/4"	130	19,20
	CO2-N-RED-1,1/8"-3/4"	Bushing K65	1,1/8"	3/4"	130	33,70
	CO2-N-RED-1,1/8"-7/8"	Bushing K65	1,1/8"	7/8"	130	27,30
	CO2-N-RED-1,3/8"-1,1/8"	Bushing K65	1,3/8"	1,1/8"	130	44,10
	CO2-N-RED-1,5/8"-1,3/8"	Bushing K65	1 5/8"	1,3/8"	130	59,10
Tees 	CO2-TR-3/8"	Tee K65	3/8"	-	130	13,-
	CO2-TR-1/2"	Tee K65	1/2"	-	130	17,10
	CO2-TR-5/8"	Tee K65	5/8"	-	130	23,60
	CO2-TR-3/4"	Tee K65	3/4"	-	130	36,10
	CO2-TR-7/8"	Tee K65	7/8"	-	130	46,90
	CO2-TR-1,1/8"	Tee K65	1,1/8"	-	130	75,80
	CO2-TR-1,3/8"	Tee K65	1,3/8"	-	130	122,-
	CO2-TR-1,5/8"	Tee K65	1,5/8"	-	130	176,-