

Coolant Recirculator WK 23 / WK 43

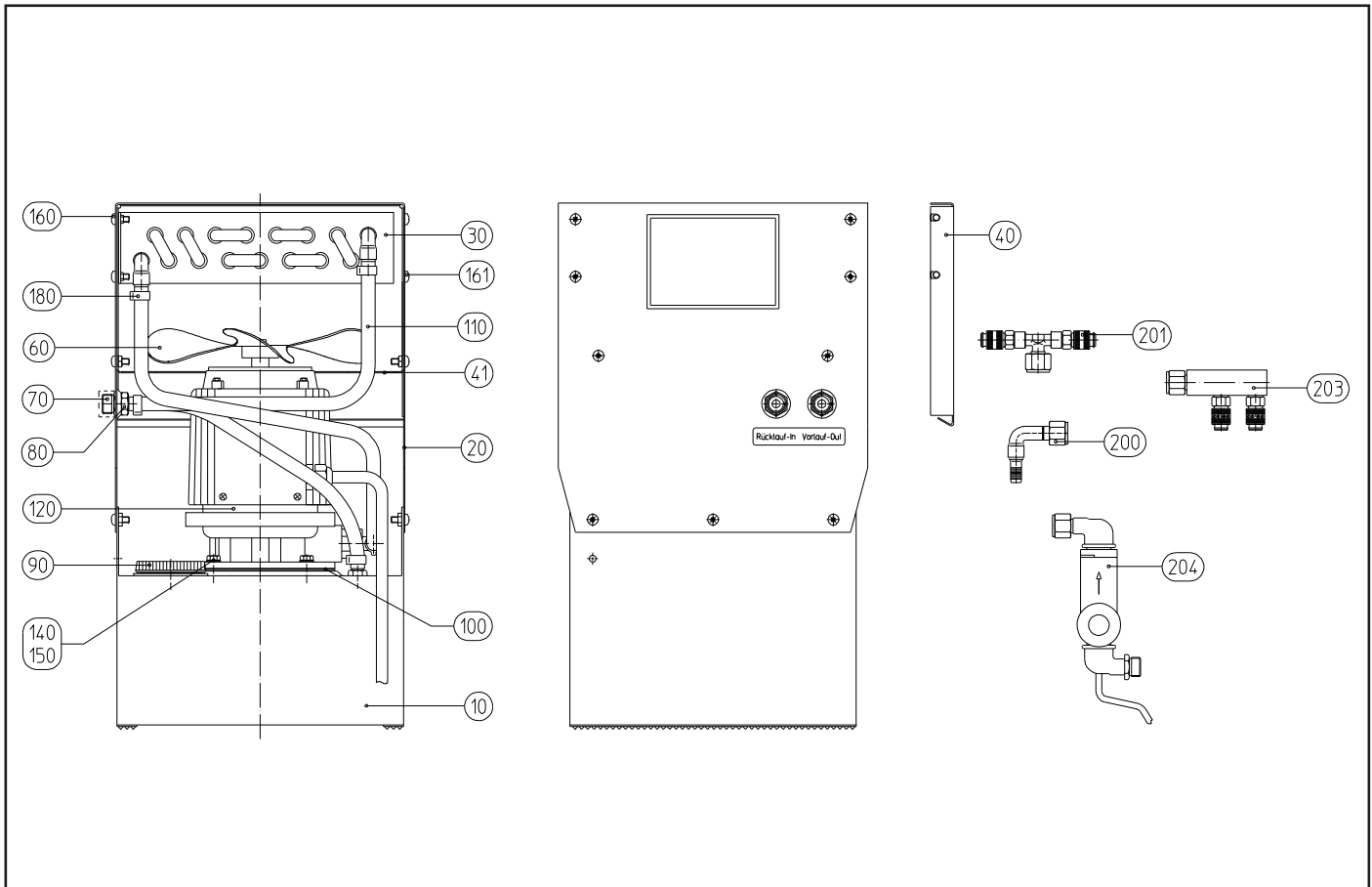


Type	Line Voltage	Frequency	Power Rating	Current Consumption	Part no.
WK 23	115 V	50 Hz	0.35 kW	6.7 A	850.0214
	115 V	60 Hz	0.35 kW	6.5 A	850.0135
	230 V	50 Hz	0.35 kW	3.1 A	850.0137
	230 V	60 Hz	0.35 kW	3.1 A	850.0210
	240/415 V	50 Hz	0.50 kW	2.9 A/1.8 A	850.0144
WK 43	115 V	50 Hz	0.35 kW	6.7 A	850.0215
	115 V	60 Hz	0.35 kW	6.5 A	850.0156
	230 V	50 Hz	0.35 kW	3.1 A	850.0159
	230 V	60 Hz	0.35 kW	3.1 A	850.0211
	240/415 V	50 Hz	0.50 kW	2.9 A/1.8 A	850.0165

Operating instructions and technical data: see page 3.

Welding & cutting brought to the point.





Build group	Pos.	Description	Specifications	Order-no.
Housing and Immersion pump	10	Tank cpl.		850.0007
	20	Cap WK 23 Cap WK 43		850.0016 850.0022
	30	Radiator 2-row WK 23 Radiator 4-row WK 43		850.0026 850.0027
	40	Front panel WK 23 Front panel WK 43		850.0041 850.0047
	41	Side panel WK 23		850.0041
	60	Fan-blade		850.0053
	70	Fitting G 3/8"		850.0057
	80	Lock-nut M12x1		500.0080
	90	Tank cap		850.0059
	100	Gasket		850.0060
	110	Hose 3 black 8.5x2.5	per meter	109.0013
	120	Motor and pump 115 V/50 Hz Motor and pump 115 V/60 Hz Motor and pump 230 V/50 Hz Motor and pump 230 V/60 Hz Motor and pump 240 V/415 V/60 Hz		850.0216 850.0202 850.0203 850.0209 850.0204
	140	Washer \varnothing 6.0 mm	20 pcs.	001.0148
	150	Screw M6x20	20 pcs.	009.0161
	160	Screw M5x6	20 pcs.	079.0039
	161	Screw M5x12	20 pcs.	079.0037
	180	Hose clamp \varnothing 14.5 mm	20 pcs.	173.0010

Build group	Pos.	Description	Specifications	Order-no.	
Accessories	200	Fitting 90 deg.		850.0037	
	201	T-piece (to connect 2 torches)		850.0189	
	203	L-connector (to connect 2 torches)		850.0235	
	204	Water flow cut-off switch		850.0033	
Operating instructions	1. As coolant for all liquid-cooled torch systems, we recommend the special BINZEL coolant BTC-15, which remains liquid down to -15°C.				
	<p>Features of BINZEL Coolant BTC-15:</p> <ul style="list-style-type: none"> • Non-conductive with regard to no-load voltages and operating voltages, in the sense of welding technology. • Important for all torches using HF, and/or using two potentials, such as plasma torches and for all grounded, metallic coolant tanks. • Prevents electrolytic corrosion when using torches made from different metals and torches with small diameter cooling channels. • Increases life of torch, cable assembly, pump and cooler. • Non-toxic for humans and safe for the environment (see data sheet). 				
2. Must be used in conjunction with an adequate motor protection device.					
3. A water flow cut-off switch (850.0033) is recommended for each torch when MIG welding to protect the torch from overheating in the event of insufficient liquid flow.					
Please note that the pump and motor will not be covered by warranty as variables such as coolant quality, purity and coolant level, as well as the proper installation according to 2. and 3. are beyond our control.					
Technical data	Type:	WK 23	WK 43		
	Heat exchanger:	2-row	4-row		
	Immersion pump 50 Hz (protection class IP 54):				
	- pump capacity:	Qmax 35 l/min	Qmax 35 l/min		
	- pump discharge:	Hmax 32 m	Hmax 32 m		
	Immersion pump 60 Hz (protection class IP 54):				
	- pump capacity:	Qmax 40 l/min	Qmax 40 l/min		
	- pump discharge:	Hmax 32 m	Hmax 32 m		
	Cooling capacity (RT=22° C):				
		1250 W at max. flow	1575 W at max. flow		
	1050 W at 1 l/min	1320 W at 1 l/min			
Measures (WxDxL):	253x270x460 mm	253x270x516 mm			
Weight:	17 kg	18 kg			
Tank capacity:	7 l	7 l			

Welding & cutting brought to the point.



Alexander Binzel Schweisstechnik GmbH & Co. KG
P.O. Box 10 01 53 • D-35331 Gießen
Tel.: ++49 (0) 64 08 / 59-0
Fax: ++49 (0) 64 08 / 59-194
Internet: www.binzel-abicor.com