

Always stay cool.

Light-weight and user-friendly. CR 1000 & CR 1250. Cooling units with integrated flow switch.

CR 1250

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BINZEL 

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CE
Power 1.25 kW (1.5 hp)
CR 1250
DIN EN ISO 9001:2015 / IEC 60904-2

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Cooling units CR 1000 & CR 1250.

Light-weight and user-friendly.

For a "cool" welding process ...

In high amperage applications with long welding cycles air-cooled torch systems can reach their limits. This can lead to malfunctions and unnecessary downtime.

The mobile cooling units CR 1000 and CR 1250 are the ideal complement system to equip a power source designed for air-cooled welding with a liquid-cooled welding torch. For a permanently "cool" welding process. The devices are characterized by their high cooling performance in a compact design and easy handling.

With a few steps the integrated flow switch¹⁾ for the permanent monitoring of the complete cooling system can be connected to the machine-side connection of the welding torch. Therefore, operation without coolant is not possible and the welding torch as well as the cooling unit are optimally protected.

- High cooling performance in a compact design is ideal for mobile use
- International quick connectors for easy, time-saving installation
- Integrated flow switch for the permanent monitoring of the complete cooling system for protection of the welding torch and the cooling unit – connection set included in delivery
- Exposed tank with coolant level indicator for convenient filling and draining of the coolant
- Overheat protection for pump and motor – for a long life
- Low-weight and sturdy carrying handles for easy transport to the job location
- Splash-proof fuse, main switch and louvers

¹⁾ Operation is also possible without flow switch.

CR 1000

Cooling unit CR 1000 (230 V, 50/60 Hz)

Part-No.: 850.1001.1

Cooling unit CR 1000 (115 V, 50/60 Hz)

Part-No.: 850.1002.1

Connector for the integrated flow switch

Quick connector NW 5 (supply)

Quick connector NW 5 (return)

Coolant tank (content 6.0 litres)

Coolant drain cap

Coolant level (min. / max.)



Louvers (splash-proof)

Main switch and fuse (splash-proof)

Technical data

Type	CR 1000	CR 1250
Heat exchanger	2-row	3-row
Supply voltage	115/230 VAC / 50/60 Hz	115/230 VAC / 50/60 Hz
Pump 50/60 Hz	Flow rate Q_{max} 7 l/min Delivery height H_{max} 35 m	Flow rate Q_{max} 7 l/min Delivery height H_{max} 35 m
Pump pressure	3.5 bar	3.5 bar
Cooling capacity	1000 W with H ₂ O 750 W with BTC-15 ²⁾	1250 W with H ₂ O 1050 W with BTC-15 ²⁾
Noise level at 1 m distance	67 dB (A)	67 dB (A)
Weight	14.9 kg	16.7 kg
Dimensions L / W / H	490 / 250 / 410 mm	690 / 250 / 340 mm
Tank capacity	6.0 litres	6.0 litres
Water connection	NW 5 (quick connector)	NW 5 (quick connector)

²⁾ The coolant BTC of ABICOR BINZEL protects liquid cooled welding and cutting torches as well as cooling devices by their very low conductance of < 4 µS against electrolytic corrosion and premature wear.

CR 1250

Cooling unit CR 1250 (230 V, 50/60 Hz)

Part-No.: 850.1051.1

Cooling unit CR 1250 (115 V, 50/60 Hz)

Part-No.: 850.1052.1



Installation of the integrated flow switch. Simple and fast.

Only a few steps ...

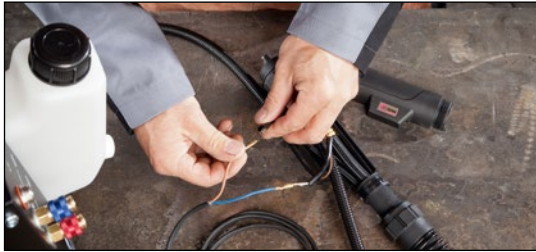
(The flow switch set is included in the scope of delivery of the cooling unit.)



1. Open the machine side connection housing.



2. Disassemble end of the trigger cable.



3. Connect the trigger cable to the flow control cable.



4. Mount the shrink hose for insulation.



5. Insert the trigger and flow control cable into the connection housing.



6. Lead out the flow control cable through the control cable outlet out of the housing.



7. Assemble the machine side connection housing.



8. Connect the flow control cable to the cooling unit.

**Test it
now!**



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