

ABICOOLER 1300

Water Cooler



Alexander Binzel Schweißtechnik GmbH & Co. KG
Kraussstr. 33418 Binack, Germany

ABICOOLER 1300	SN: 1417740521
U: 215 V/1- 50/60 Hz	EN IEC 60742
IP 23S	I _{max} 1,1 A
P _{max} = 1,24 kW / 50 Hz	P _{max} = -3,5 bar



ABICOOLER 1300

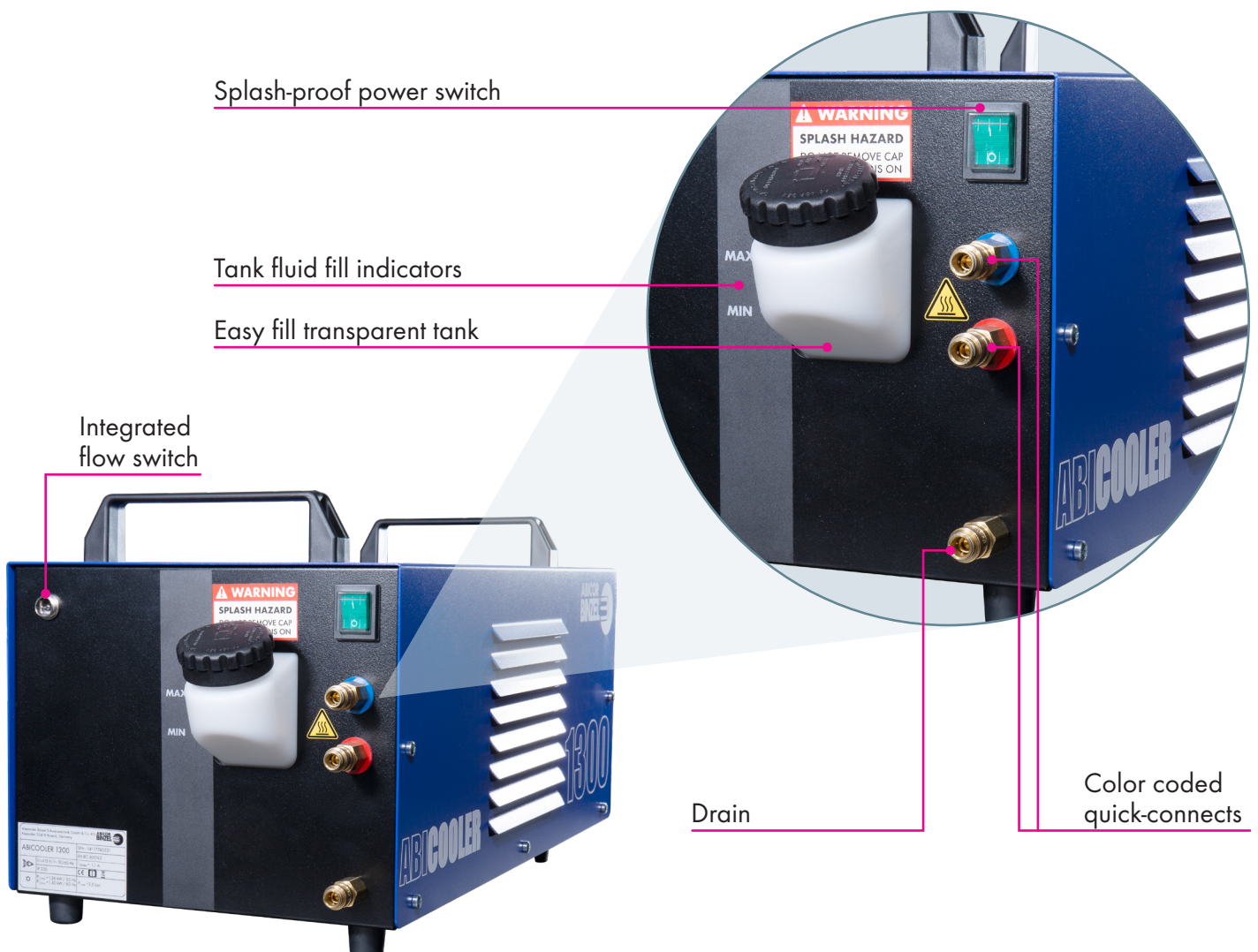
Features & Benefits

The mobile welding water cooling unit ABICOOLER 1300 is the ideal complementary system to equip with your water-cooled welding torch; for reliable water-cooled welding. The ABICOOLER 1300 cooling unit is characterized by a high cooling performance in a compact design with easy handling.

The standard integrated flow switch allows for permanent monitoring of the complete cooling system. This switch protects the system from operating without adequate coolant, protecting both the unit and the MIG or TIG welding guns.

Features & Benefits

- Splash-proof fuse, power switch, and louvers
- Lightweight design and sturdy carrying handles for easy transport
- High cooling performance in a compact design - ideal for mobile use
- High efficiency unit with two gallon tank capacity reduces cost of ownership
- Exposed tank with coolant level indicator for convenient filling and draining of the coolant
- Integrated flow switch for the permanent monitoring of the complete cooling system for protection of the welding gun and the cooling unit



ABICOOLER 1300

Technical Data, Coolant, & Accessories

Technical Data: (EN 60 974-7)

Tank contents	2.11 Gal (8 L)
Max cooling	up to 1300 W
Capacity	*Binzel torches up to 600A 2.64 gal/min (10 L/min)
Radiator	3 - Row
Dimensions	Length: 26.38" (670mm) Width: 11.85" (301mm) High: 12.44" (316mm)
Weight	48.5 lbs (22 kg)

*Actual rating varies based on many factors.

Water-cooler Accessories

Description	Part No.
ABICOOLER 1300 (115v)	850.1075.1
MIG Water hose install/extension kit (10 ft)	BWC-029
MIG Water hose install/extension kit (30 ft)	BWC-028
TIG Water install kit (10 ft)	284.0609
ABI-Cool LC coolant (1 gal)	192.0232
ABI-Cool ECO coolant (1 gal)	192.9022
External coolant filter (optional)	850.1039

**External Coolant
Filter (optional)
P/N 850.1039**



Coolants

ABI-Cool LC



An inhibited blend of deionized water and ethylene glycol. ABI-Cool has a lower viscosity and doesn't require as much power to pump. Rated -32° F / -35° C. Our new low conductivity blend increases the life span of torch necks by reducing risk of galvanic corrosion while decreasing risk of voltage leaks.

P/N 192.0232 (1 gallon container)
P/N 192.0233 (5 gallon container)
P/N 192.0234 (55 gallon container)

ABI-CoolEco



An inhibited blend of deionized water and propylene glycol, this formula is non-toxic and safe for use in areas where people may come in contact with the coolant. Its corrosion inhibitors protect iron, steel, aluminum, brass and copper components. Rated +10° F / -12° C

P/N 192.9022 (1 gallon container)
P/N 192.9023 (5 gallon container)
P/N 192.9024 (55 gallon container)

BTC-50



BTC-50 coolant protects liquid cooled welding or cutting torches from frozen cooling channels, by preventing electrolytic corrosion of the metal surfaces within these channels due to its low conductivity of <math><4\mu\text{S}</math>

P/N 192.0175 (5 Liter container)
P/N 192.0176 (20 Liter container)
P/N 192.0177 (200 Liter container)

The thermal stability and dielectric properties of coolants make them suitable for plasma, arc welding and tungsten inert gas welding systems and general industrial applications.



ABICOR BINZEL USA, Inc.
650 Medimmune Court, Suite 110
Frederick, MD 21703
Phone: 800.542.4867
Fax: 301.846.4497
E-Mail: customerservice@abicorusa.com

www.binzel-abicor.com