MADE IN GERMANY

COOLING UNITS

DUALCOOLER & WUK 7

Designed as optional yet powerful additions to the COMPACT DUAL and COMPACT ONE power sources, the DUAL COOLER and WUK 7 (CoolerOne) cooling units ensure optimal performance when working with water-cooled closed and open welding heads. These compact and efficient cooling systems help increase productivity, extend equipment lifespan, and enhance welding quality.
With the DUAL COOLER and WUK 7, your welding system operates at peak efficiency, delivering consistent results even under demanding conditions.

FEATURES

- 2-Liter Reservoir: Ensures continuous cooling for extended operations.
- Fast Water Connections: Quick and secure connections for seamless setup.
- Smart Integration: Directly powered by the welding power source for streamlined operation.
- Safety & Monitoring: Equipped with a water flow sensor and water safety sensor to prevent overheating and ensure smooth operation.
- DUALCOOLER Exclusive Feature: A front display for real-time coolant temperature monitoring, providing better control over cooling performance.

ORBITALSERVICE®
THE FUTURE OF ORBITAL WELDING, TODAY AND TOMORROW

+49 (0)6092 822 940
info@orbitalservice.de

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TECHNICAL DATA

DUALCOOLER*

- Power supply**: 48 Vdc
- Max input current: 3,6 A
- Cooling power (25°C): 0,65 kW
- Type of exchanger: H_2O - Air
- Nominal flow rate (QV):
  - 3,32 l/min
  - 0.88 gal/min
- Maximum flow rate (Qvmax):
  - 8,5 l/mim
  - 2.25 gal/min
- Pump type: Centrifugal
- Maximum rpm: 3300 l/min
- Tank capacity:
  - 2,0 liters
  - 0.53 gal
- IP Protection Rating: IP23S
- Insulation class: F
- Standard: EN 60974-2/EN 60974-10
- Dimensions:
  - 480 x 190 x 180 mm
  - 18.9 x 7.5 x 7.1 in
- Weight (without coolant):
  - 8,8 kg
  - 19.4 lbs

**only for COMPACT DUAL power source*
**internal power from the power source

DUALCOOLER

WUK 7 (CoolerOne)***

- Power supply**: 230 V / 1~ 50/60 Hz
- Power Consumption: 0,23 KVA
- Current Consumption: 1,0 A
- Circuit Protection (slow-blow): 16 A
- Type of exchanger: H_2O - Air
- Nominal Cooling Power:
  - 0,53 kW (1 l/min)
  - 0.71 hp (0.2642 gal/min)
- Maximum Pressure (Pmax):
  - 3,5 bar
  - 50.8 psi
- Pump Type: Centrifugal
- Tank Capacity:
  - 3,05 l
  - 0.81 gal
- IP Protection Rating: IP23S
- Insulation class: F
- Standard: EN 60974-1/-2, EN 61000-3-2
- Dimensions (L x W x H):
  - 547 x 212 x 265 mm
  - 21.5 x 8.3 x 10.4 in
- Weight (including coolant):
  - 16,4 kg
  - 36.2 lbs

****only for COMPACT ONE power source*
**internal power from the power source

WUK 7 (CoolerOne)

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