Model 317-CW

ADVANCED WATER COOLING UNIT

AMI®
AN ESAB® BRAND

WATER COOLING

INDUSTRY

- Nuclear
- Power Generator
- Shipyard
- Offshore
- Oil and Gas

THE WIDEST RANGE OF ORBITAL WELDING EQUIPMENT IN THE WORLD

The M317-CW is one of the most advanced water coolers from AMI to help cool our weld heads. The M317-CW is designed to interface with the M317 Power Supply thru standard Ethernet connection. The cooler includes features that monitors water flow thru the weld head, the temperature of the coolant, and the water level in the reservoir. If the flow is too slow, the level too low or the temperature too high, a fault will appear on the operation screen of the M317 Remote Pendant and on the M317 power supply, and will be noted on the weld data record.

This cooler is designed so the M317 power supply can stack on top of it, saving real estate in industrial setting. This cooler is designed to be operated from a separate primary power source, 110 thru 230 VAC, 1 phase, 50/60 hz. This cooler is not designed to work/interface with other AMI power supplies, but it can be operated independently as needed and will provide a different visual indication when it is operating in independent mode.

FEATURES

- Digital interface to M317 power supply
- Independent / Stand-alone operation is possible
- Sensing for coolant flow, level in tank, and temperature of the coolant
- Recommended use with De-ionized water w/Ethylene Glycol mixture
- Stackable design
- Built-in Circuit Breaker protection
- Service Cable & Ethernet extensions to allow the weld head to work further away from the power supply and water cooler

Visit **arcmachines.com** for more information.

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QUICK SPECS	
Cooling Capacity	600 BTU/hr.
Reservoir Capacity	2.5 gallons (9.5 L)
Max. Coolant Flow Rate	.8 gpm (6.8 lpm)
Pump Pressure	60 psig or 4.08 bar
Maximum Vertical	30 ft (14.2 M)
Maximum Hose Length	100 ft (47.2 M) (going to weld head, using AMI's ¼" tubing)