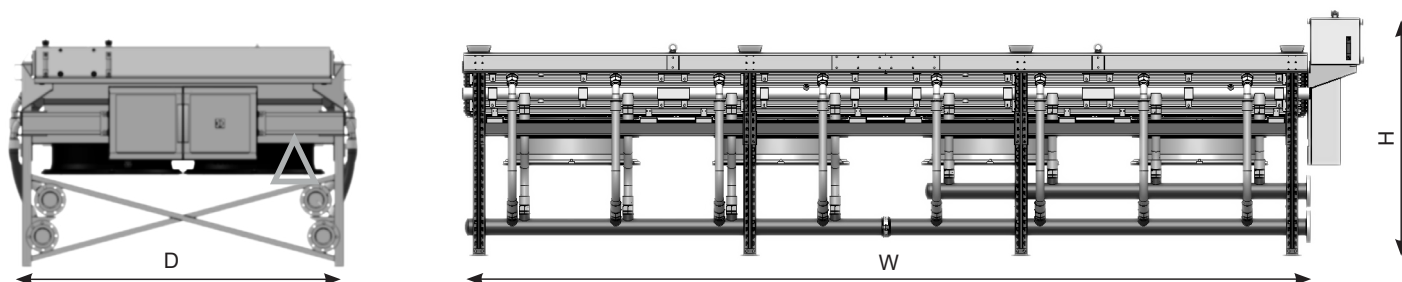


## AC-MS Table Cooler

Roof Mounted - Vertical air flow - Variable Speed Drive - Low Noise



### COOLING ELEMENTS

Cooling elements for Water/Glycol cooling circuit

#### Manufacturing Technology

Extruded microchannel

**Material** 100% aluminium alloy CAB brazed

**Standard finish** Not painted

### FRAME

Unpainted zinc coated carbon steel plates

**Material** S250GD+Z275

Corrosion protection level comparable to Class C3-H ISO 12944

### ELECTRIC MOTORS

Permanent magnet EC motor - External rotor

**Voltage** 380V-480V +/-5% according to EN60038

**Insulation Class** THCL155

**Type of protection** IP55 according to 60034-5

**Material rotor** Aluminium 1 coat painted

### EXPANSION TANK (if applicable)

Pressurized tank (1bar relative) for closed-loop cooling circuits

**Construction** Welded Aluminium plates.

Unpainted.

Capacitive low-level fluid sensor and Visual sight level indicator

### VENTILATION SYSTEM

**Blade material** Aluminium unpainted

**Housing** High performance composite material

### FAN GUARD

Finger guard design according to UNI-EN ISO 13857

**Material** Carbon steel S235JR

**Coating** Epoxi paint to meet C3-H ISO 12944

### PIPING (if applicable)

**Material** Carbon steel S235JR

**Coating** Class C3-H to ISO 12944

**Flexhoses material** EPDM rubber compound with high strength synthetic plies reinforcement

**Working temperature** -40°C to +120°C

**WP** 3bar / BP: 10bar

**Fitting** Hydraulic hose fitting for SAE flanges or BSP thread fittings - camps and joints suitable for installation of the cooler inside a container

### OVERALL DIMENSIONS

**Height** 1700 mm

**Width** 5800 mm

**Depth** 2320 mm

### MAIN OPTIONS

Coating of aluminium cooling element suitable for corrosive ambient or marine application.

Protective coating available for steel parts to meet corrosive ambient conditions up to C4-H and C5 to ISO 12944 standard.

Note: The picture is purely representative of the configuration of the cooling system. Detailed drawings and technical documentation are available upon request. The specification sheet is representative of the standard product configuration, available to meet most of the requirements for industrial purposes. More options and accessories are available on request.