

Heat Exchanger

SEE BELOW

The heater unit is designed to control the temperature in a diving system or decompression chamber. The heater unit consists of a fan and a heat exchanger coil. The coil can be used both for heating or cooling the chamber atmosphere.

Features

- Dependable motor, completely sealed with brushless design
- Two versions available: adjustable pre-set fan speed or externally controllable fan speed
- 24 VDC, 2 amps power supply (pre-set fan speed)
- Externally controlled version requires an optional fan speed control unit

Heat Exchanger with Bracket, Preset Speed: Part Number 3.80.1017-1V Includes

- ~~24 in. Waterproof Connector/Power Cord: Part Number LPMIL-4-FS~~
- User Manual

Heat Exchanger with Bracket, External Speed Control: Part Number 3.80.1017-1E Includes

- ~~24 in. Waterproof Connector/Power Cord: Part Number LPMIL-4-FS~~
- User Manual



Heat Exchanger

3.80.1017-1V	Heater with bracket, preset speed
3.80.1017-1E	Heater with bracket, external speed control
3.80.1019	Power supply/fan speed control unit

Specifications

Power Supply	24-28 VDC, 2 amps
Rotating Speed (without canister, atmospheric pressure)	1400-4000 RPM
Operating Pressure	Max 42 bar (420 MSW)
Dimensions	9.9 in. H x 8.9 in. W x 11.6 in. D (25 cm x 22.6 cm x 29.5 cm)
Weight Complete Unit	33 lbs (15 kg)

Carbon Dioxide Scrubber

SEE BELOW

The carbon dioxide scrubber unit is designed to remove carbon dioxide from the atmosphere in a diving system or decompression chamber.

Features

- Dependable motor, completely sealed with brushless design
- Two versions available: adjustable pre-set fan speed or externally controllable fan speed
- 24 VDC, 2A power supply (pre-set fan speed)
- Externally controlled version requires an optional fan speed control unit
- Canister can hold approximately 16.5 lbs (7.5 kg) of CO₂ adsorbent
- The canister is connected to the motor by a bayonet locking mechanism, so it can be easily replaced and/or refilled

Scrubber with Canister and Bracket, Pre-Set Speed: Part Number 3.80.1018-1V Includes

- 24 in. Waterproof Connector/Power Cord: Part Number LPMIL-4-FS
- User Manual

Scrubber with Canister and Bracket, External Speed Control: Part Number 3.80.1018-1E Includes

- 24 in. Waterproof Connector/Power Cord: Part Number LPMIL-4-FS
- User Manual

Specifications

Power Supply	24-28 VDC, 2 amps
Rotating Speed (without canister, atmospheric pressure)	1400-4000 RPM
Operating Pressure	Max. 600 PSI/42 bar (420 MSW)
Dimensions	9.7 in. H x 8.9 in. W x 16.6 in. D (24.5 cm x 22.6 cm x 42.2 cm)
Weight Complete Unit (empty canister)	18.3 lbs (8.3 kg)
Weight Complete unit (full canister)	35.3 lbs (16 kg)



CO₂ Scrubber

3.80.1018-1V	Scrubber with Canister and Bracket, Pre-set Speed
3.80.1018-1E	Scrubber with Canister and Bracket, External Speed Control
3.80.1018-2V	Scrubber Motor, Pre-set Speed
3.80.1018-2E	Scrubber Motor, External Speed Control
3.80.1018-3	Canister
3.80.1018-4	Mounting Bracket
3.80.1019	Power Supply/Fan Speed Control Unit
LPMIL-4-FS	24 in. waterproof connector/power cord