

# Auxiliary Heat Modules

DX AIR COOLED



HMDL2-7, HMMH1 & HMBL2-7 Units Shown

## Features

- Electric auxiliary heat modules
- 1kW, 1.5kW, and 2kW models
- 115V & 230V models
- 2-stage over-temperature protection
- High temperature wiring and insulation

## Auxiliary Heat Options

Cruisair auxiliary heat modules provide electric resistance heat when outside air temperatures are too cold for reverse cycle heat, or on cooling-only systems.

Three different aux. heat modules are available:

- HMDL heaters are installed in the discharge air duct, after the cooling unit.
- HMBL heaters are mounted on the blower outlet of an EBS or EBI cooling unit.
- HMMH heaters are installed on the EBH blow-through cooling unit.

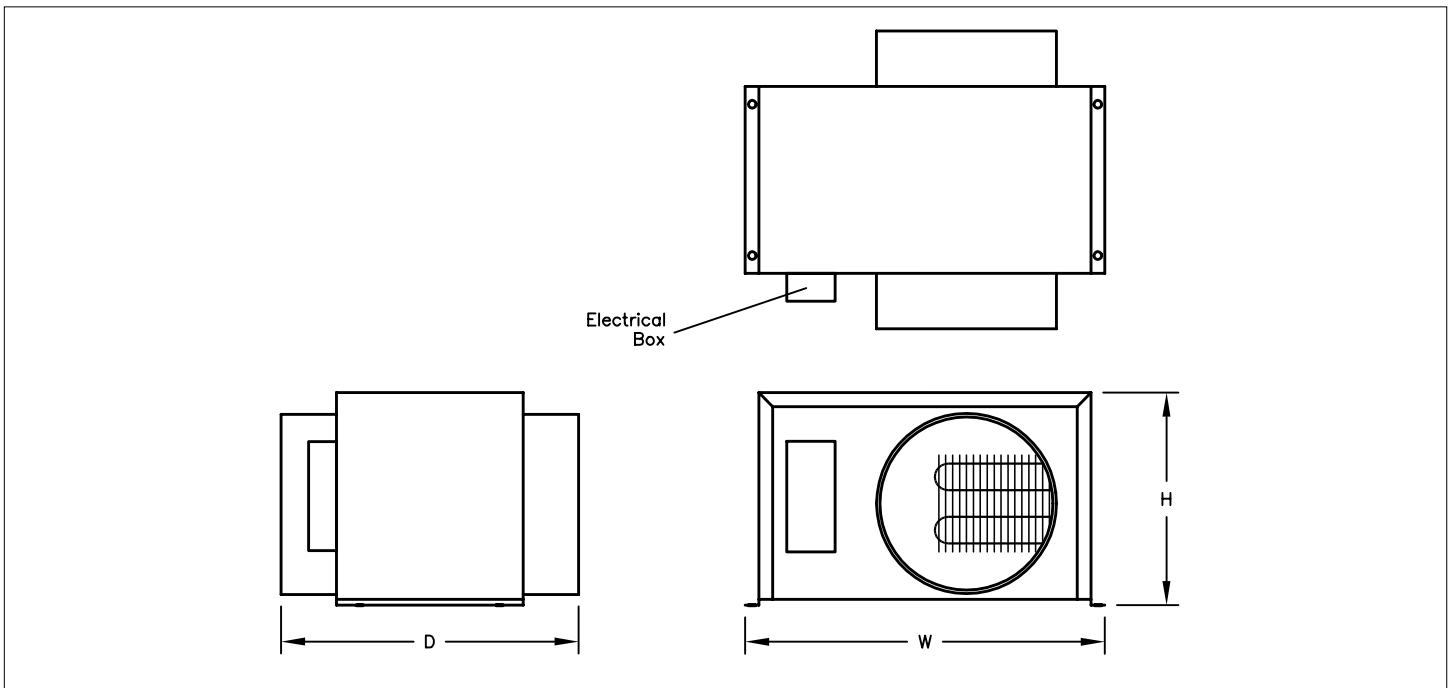
The heater module consists of an insulated aluminum enclosure with inlet and outlet duct connections (or mounting flange on HMMH type). High surface area finned heater elements are used which operate at a relatively low surface temperature and are safer than high-temperature coil elements that can ignite particles blown through the ducting.

All Cruisair auxiliary heaters use a 2-stage thermal protection system to prevent dangerous overheating if airflow is lost. The first cutout is an automatic reset switch at 160° F (71° C). The second stage is a manual reset at 180° F (82° C). Other safety features include high temperature wiring and a fully insulated interior so the outside surfaces stay cool.

Special SMX series controls and mechanical switch assemblies are available for use with auxiliary heat systems. The SMX Online control system can be used with reverse-cycle or cooling only condensing units and aux. heat, or the special SMX II cooling-only system has an aux. heat function. For manual controls, use the SA5 4-knob switch assembly.

Cooling units with integrated electric heat (EHBO, EHBV, EHBL, and EHBI types) are also available.

**Cruisair**<sup>®</sup>  
Chill Out In Style



**TECHNICAL SPECIFICATIONS**

Model	kW	Voltage	Amps	Height (in/cm)	Width (in/cm)	Depth (in/cm)	Duct Size (in/cm)	Weight (lb/kg)
HMDL1-5 HMDL1C-5	1	115 230	9.0 4.2	7.0/18	12.0/30	10.0/25	5/125	4/1.8
HMD1.5-6 HMDL1.5C-6	1.5	115 230	13.5 6.3	7.6/19	13.3/34	10.0/25	6/150	4/1.8
HMDL2-7 HMDL2C-7	2	115 230	18.0 8.3	7.6/19	13.3/34	10.0/25	7/175	4/1.8
HMBL2-7 HMBL2C-7	2	115 230	18.0 8.3	7.8/20	12.8/33	7.6/19	7/175	5/2.3
HMHL2 HMHL2C	2	115 230	18.0 8.3	9.5/241	11.0/28	4.5/114	-	10/4.5

**INTERPRETING MODEL NUMBERS**

