

HAZARDOUS LOCATION HEATERS



INDUSTRY STANDARDS

ATEX, IECEx
Class II, Category 2
CSA us
Class 1, Div 1 Groups A, B, C, D

APPLICATION

Designed for use in hazardous locations where electronic components require protection from cold freezing temperatures, condensation and corrosion.

SPECIFICATIONS

- 50W, 80W, 200W, 300W, 400W and 600W models available
- Provides freeze protection down to -76 F / -60 C
- Conductive and Convection heating types available
- 50W and 80W models can be mounted directly to manifolds, measuring or analyzing instruments, control valves, and similar equipment
- 200W, 300W, 400W, 600W models are finned heaters that heat the area by transferring the heat from the heater to surrounding air, creating a convection current.
- Two thermostat options available with a 50 F / 10 C or 68 F / 20 C set point

FINISH

- Black Anodized Aluminum

Performance Data 50W and 80W Hazardous Location Heaters

CATALOG NUMBERS		
	DAHHL501AC	DAHHL801AC
HEATING PERFORMANCE		
Watts	50	80
Heating Type	Conductive	Conductive
Power Regulation	Self Limiting	Self Limiting
EXPLOSION PROTECTION		
Temperature Classification (T Code)	T4	T3
Agency Approvals	ATEX, IECEx, CSA us	
ATEX / IECEx Certification	Class II, Category 2	
NEC CSA us Certification	Class 1, Div 1 Groups A, B, C, D	
ELECTRICAL DATA		
Rated Voltage (VAC or VDC)	110 - 265	110 - 265
Operating Range		
Maximum (F/C)	302/150	302/150
Minimum (F/C)	-76/-60	-76/-60
UNIT CONSTRUCTION		
Material	Black anodized sea water proof aluminium	
ACCESSORIES		
Thermostat*	HLTSTAT10C, HLTSTAT20C	
UNIT DIMENSIONS		
Height (in./mm)	3.5/190	3.5/190
Width (in./mm)	1.6/40	1.6/40
Depth (in./mm)	1.2/30	1.2/30
Weight (lb./kg)	1.1/50	1.1/50

Thermostats sold separately as an accessory.

Performance Data 200W, 300W, 400W, 600W Hazardous Location Heaters

CATALOG NUMBERS						
	DAHHL200AC	DAHHL300AC	DAHHL4001A	DAHHL4002A	DAHHL6001A	DAHHL6002A
HEATING PERFORMANCE						
Watts	200	300	400	400	600	600
Heating Type	Convection	Convection	Convection	Convection	Convection	Convection
Power Regulation	Self Limiting	Self Limiting	Constant Power	Constant Power	Constant Power	Constant Power
EXPLOSION PROTECTION						
Temperature Classification (T Code)	T3	T3	T3	T3	T3	T3
Agency Approvals	ATEX, IECEx, CSA us					
ATEX / IECEx Certification	Class II, Category 2					
NEC CSA us Certification	Class 1, Div 1 Groups A, B, C, D					
ELECTRICAL DATA						
Rated Voltage (VAC or VDC)	110 - 265	110 - 265	108 - 132	207 -253	108 - 132	207 -253
Operating Range						
Maximum (F/C)	302/150	302/150	302/150	302/150	302/150	302/150
Minimum (F/C)	-76/-60	-76/-60	-76/-60	-76/-60	-76/-60	-76/-60
UNIT CONSTRUCTION						
Material	Black anodized sea water proof aluminium					
ACCESSORIES						
Thermostat*	HLTSTAT10C, HLTSTAT20C					
UNIT DIMENSIONS						
Height (in./mm)	8.9/225	12.8/325	8.9/225	8.9/225	12.8/325	12.8/325
Width (in./mm)	9.0/229	9.0/229	9.0/229	9.0/229	9.0/229	9.0/229
Depth (in./mm)	2.4/60	2.4/60	2.4/60	2.4/60	2.4/60	2.4/60
Weight (lb./kg)	8.7/3.95	12.5/5.65	8.7/3.95	8.7/3.95	12.5/5.65	12.5/5.65

* A thermostat is required for 400W and 600W models. It is sold separately as an accessory.