

**HAZARDOUS LOCATION HEATERS AND THERMOSTATS**

**INDUSTRY STANDARDS**

CE  
cCSAus  
See additional certifications in product tables.

**APPLICATION**

Designed for use in hazardous locations where electrical 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
<b>HEATING PERFORMANCE</b>		
Watts	50	80
Heating Type	Conductive	Conductive
Power Regulation	Self Limiting	Self Limiting
<b>HAZARDOUS LOCATION CERTIFICATIONS</b>		
Agency Approvals	ATEX, IECEx, CE, cCSAus	ATEX, IECEx, CE, cCSAus
ATEX / IECEx Certification	PTB 02 ATEX 1116 X IECEx PTB 07.0055X II 2 G Ex db IIC T4 II 2 D Ex tb IIIC T135°C	PTB 02 ATEX 1116 X IECEx PTB 07.0055X II 2 G Ex db IIC T3 II 2 D Ex tb IIIC T200°C
NEC cCSAus Certification	CSA 1655545 [LR43674] Class I Zone 1 and 2 Group IIC Class I Div 1 Groups A,B,C,D T4 Class II Div 1 Groups E,F,G	CSA 1655545 [LR43674] Class I Zone 1 and 2 Group IIC Class I Div 1 Groups A,B,C,D T3 Class II Div 1 Groups E,F,G
<b>ELECTRICAL DATA</b>		
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
<b>UNIT CONSTRUCTION</b>		
Material	Black, anodized, seawater-proof aluminium	
<b>ACCESSORIES</b>		
Thermostat*	HLTSTAT10C, HLTSTAT20C	
<b>UNIT DIMENSIONS</b>		
Height (in./mm)	3.5/90	3.5/90
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
<b>HEATING PERFORMANCE</b>						
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
<b>HAZARDOUS LOCATION CERTIFICATIONS</b>						
Agency Approvals	ATEX, IECEx, CE, cCSAus		ATEX, IECEx, CE, cCSAus		ATEX, IECEx, CE, cCSAus	
ATEX / IECEx Certification	PTB 02 ATEX 1116X IECEx PTB 07.0055 X II 2 G Ex db IIC T3 II 2 D Ex tb IIIC T200°C		PTB 02 ATEX 1041X IECEx PTB 07.0052 X II 2 G Ex db IIC T3 II 2 D Ex tb IIIC T200°C		PTB 02 ATEX 1041X IECEx PTB 07.0052 X II 2 G Ex db IIC T3 II 2 D Ex tb IIIC T200°C	
NEC cCSAus Certification	CSA 1655545 (LR43674) Class I Zone 1 and 2 Group IIC Class I Div 1 Groups A,B,C,D T3 Class II Div 1 Groups E,F,G		CSA 1655545 (LR43674) Class I Zone 1 and 2 Group IIC Class I Div 1 Groups A,B,C,D T3 Class II Div 1 Groups E,F,G		CSA 1655545 (LR43674) Class I Zone 1 and 2 Group IIC Class I Div 1 Groups A,B,C,D T3 Class II Div 1 Groups E,F,G	
<b>ELECTRICAL DATA</b>						
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
<b>UNIT CONSTRUCTION</b>						
Material	Black, anodized, seawater-proof aluminium					
<b>ACCESSORIES</b>						
Thermostat*	HLTSTAT10C, HLTSTAT20C					
<b>UNIT DIMENSIONS</b>						
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.

Performance Data **Hazardous Location Thermostats**

CATALOG NUMBERS		
	HLTSTAT10C	HLTSTAT20C
<b>HAZARDOUS LOCATION CERTIFICATIONS</b>		
Agency Approvals	ATEX, IECEx, CE, cCSAus	
ATEX / IECEx Certification	PTB 03 ATEX 1136 X IECEx PTB 07.0054 II 2 G Ex db IIC T6 II 2 D Ex tb IIIC T80°C	
NEC cCSAus Certification	CSA 1655545 (LR43674) Class I Zone 1 and 2 Group IIC Class I Div 1 Groups A,B,C,D T6 Class II Div 1 Groups E,F,G	
<b>ELECTRICAL DATA</b>		
Rated Voltage (VAC or VDC)	0-275	
Max. Rated Current (Amps)	10	
Operating Range		
Maximum (F/C)	302/150	
Minimum (F/C)	-76/-60	
Thermostats Nominal Setpoints		
Switch-on Temperature [°F/°C]	50 F/10 C	
Switch-off Temperature [°F/°C]	64 F/18 C	
<b>UNIT CONSTRUCTION</b>		
Material	Black, anodized, seawater-proof aluminium	
<b>UNIT DIMENSIONS</b>		
Height (in./mm)	1.10/28	1.10/28
Width (in./mm)	.90/24	.90/24
Depth (in./mm)	4.30/108	4.30/108
Weight (lb./kg)	.50/.20	.50/.20