General Specifications for HUH2-30" Fan Size Hydronic Unit Heater

Notes 1. Pressure/Temperature Ratings

Pressure = 400 psig (2758 kPa) Temperature = 550°F (288°C) MDMT = - 20° F (-29° C)

2. Materials

Cabinet: 14 Ga, Yellow Epoxy/Polyester Powder Coated Core: Carbon Steel with Copper-free Aluminum Fins Louvers: Anodized Extruded Aluminum

3. Fluid Connections

2 in, FNPT

Optional Thread-on 2 in. MNPT (shipped loose) Optional 2 in. FNPT CL300# flange (shipped loose)

4. Mounting

5/8 in. - 11 UNC diameter holes on top (4 places)

5. Fan

Spark-proof two-blade aluminum

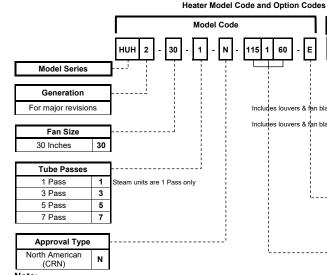
6. Fan Guard

Split design with close wire spacing. A 3/8 in. (9.5 mm) diameter probe will not enter

7. Ex-Proof Motors

Class I, Divisions 1 & 2, Groups C & D Class II, Divisions 1 & 2, Groups F & G Temperature Code T3B

- ♦ Thread-on fittings. Shipped loose and must be installed on site. C3 connection also includes C2 connection.
- † Standard Marathon NEMA ex-proof motor is suitable for Class I & II, Div. 1 & 2, Groups C, D, F & G; T3B. Ensure equipment meets the requirements of your hazardous location.
- * Other voltages/frequencies available upon request. Longer lead times may apply. Contact factory.
- ▶ NEMA motors are designed to be operated at rated voltage with tolerances of \pm 10%. If the motor is marked 208-230V the tolerance must be calculated from 230V. If motor is marked 230V it is still suitable for 208V operation but the tolerance must be calculated from 230V. For 3-phase motors the line-to-line full load voltage must be balanced within 1%.



H1, C3, etc. Options Heresite coated core H1 Includes louvers & fan blade H2 Heresite coated cabinet НЗ Heresite coated core & cabinet Includes louvers & fan blade Connection, 2" MNPT fitting Connection, 2" FNPT CL300# flange **ZZ** Special build (Factory assigned code) Motor Type General purpose E[†] Hazardous Location

Option Codes

 Motor * ▶				
Voltage	Phase	Frequency		
115	1	60		
208	1	60		
230	1	60		
208	3	60		
230	3	60		
460	3	60		

3

60

575

The fan shroud is made of spark resistant aluminum compliant to AMCA 99-10, Type B

Fan Size Dim.	30 Inches (mm)	Note: Inlet and Outlet coupling connection locations can be reversed in the field by rotating the core.	
Α	29.53 (750)		
В	5.71 (145)	Mounting Holes, 5/8" 11 UNC (4 places)	
С	2.40 (61)	()	G
D	34.33 (872)	L max	
E	13.78 (350)	E	
F	7.48 (190)	- B - K max	- H - J
G	3.15 (80)	0 0	• Hazloc Heaters
Н	4.37 (111)	0	
I	36.00 (914)		
J	25.59 (650)	I I	
К	1.38 (35)	(
L	26.37 (670)		
М	40.5 (1029)	•	
	<u>O</u>	Standard 2" FNPT ptional 2" MNPT tional 2" 300# RF	Such hard when you need 10
			- M

Approval Drawing	HUH2-30" Fan Size Heater
June 07, 2021	Version 1.1
Hazloc Heaters Inc.	Calgary, Alberta

Special Requirements/Notes:



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CRN: 0H14933.2C - steam or fluids (not for use with lethal fluids as defined by ASME, Section VIII, Div. 1, UW-2)