

# General Specifications for HUH2-12" 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)

- ♦ 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 ± 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%.

**4. Mounting**

5/8 in. - 11 UNC diameter holes on top

**5. Fan**

Spark-proof three-blade aluminum

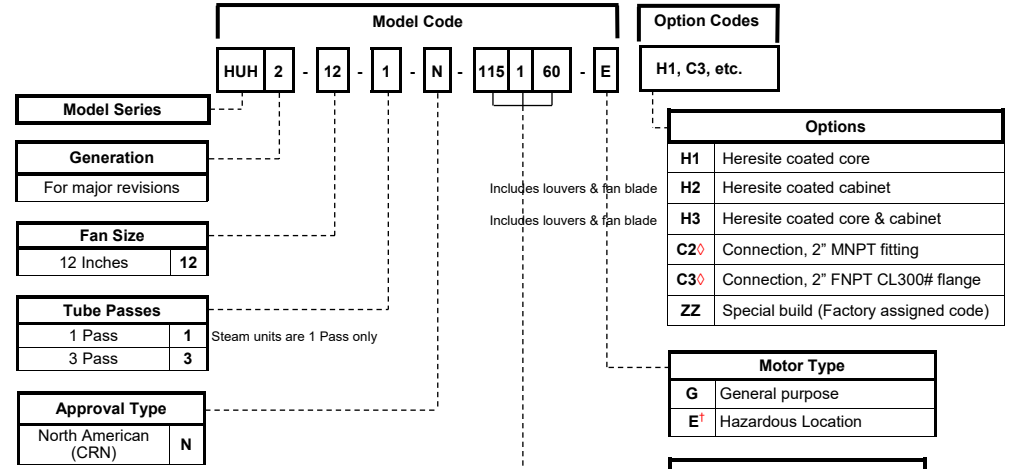
**6. Fan Guard**

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

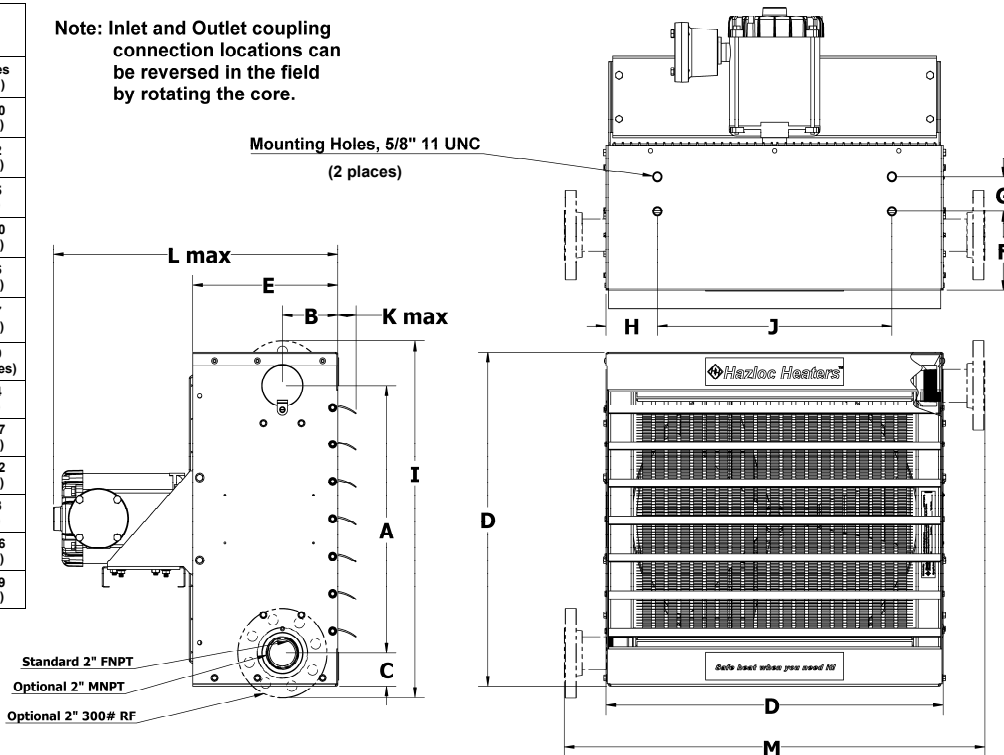
**Heater Model Code and Option Codes**



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

Fan Size	12
Dim.	Inches (mm)
A	12.60 (320)
B	4.02 (102)
C	1.85 (47)
D	16.30 (414)
E	9.76 (248)
F	6.77 (172)
G	0.00 (2 Holes)
H	2.64 (67)
I	19.07 (484)
J	11.02 (280)
K	1.38 (35)
L	19.86 (504)
M	22.49 (571)

**Note: Inlet and Outlet coupling connection locations can be reversed in the field by rotating the core.**



Options	
H1	Heresite coated core
H2	Heresite coated cabinet
H3	Heresite coated core & cabinet
C2	Connection, 2" MNPT fitting
C3	Connection, 2" FNPT CL300# flange
ZZ	Special build (Factory assigned code)

Motor Type	
G	General purpose
E	Hazardous Location

Motor *		
Voltage	Phase	Frequency
115	1	60
208	1	60
230	1	60
208	3	60
230	3	60
460	3	60
575	3	60

**Special Requirements/Notes:**

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Approval Drawing	HUH2-12" Fan Size Heater
June 7, 2021	Version 1.1
Hazloc Heaters Inc.	Calgary, Alberta

