

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)

4. Mounting

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

5. Fan

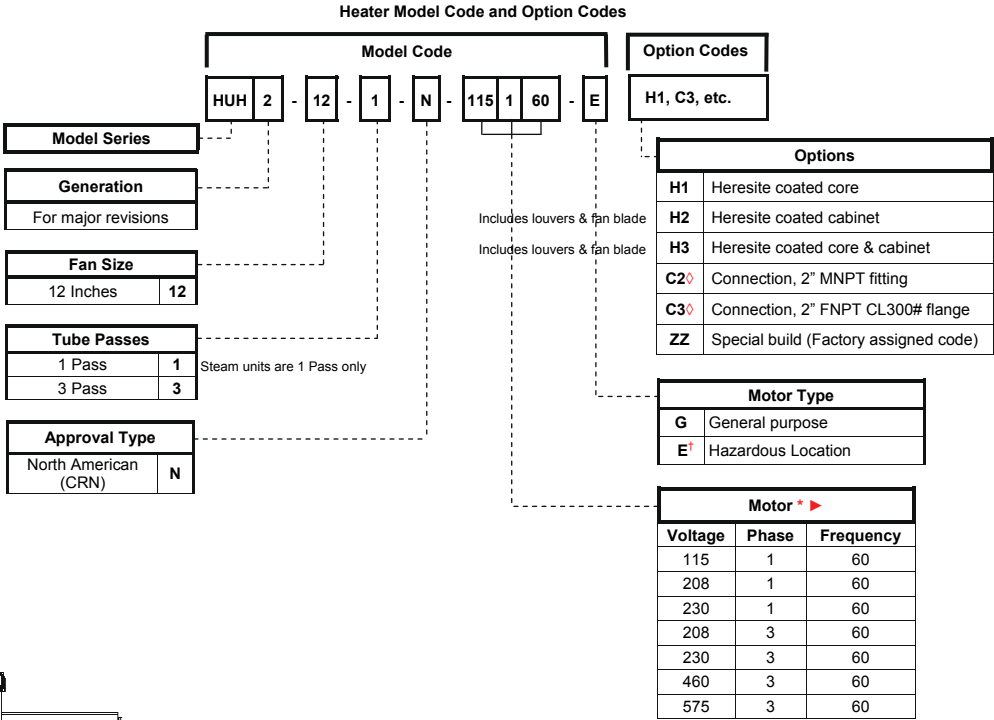
Spark-proof three-blade aluminum

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

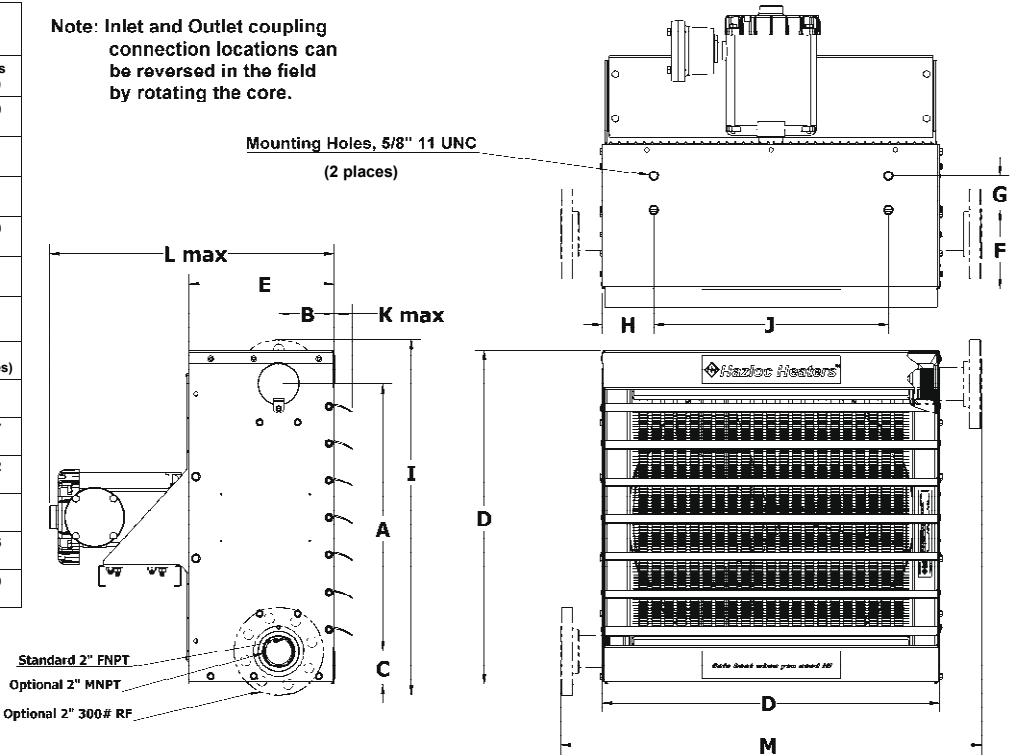
Class I, Divisions 1 & 2, Groups C & D
Class II, Divisions 1 & 2, Groups F & G
Temperature Code T3B



- ♦ 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%.

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.



Special Requirements/Notes:

Approval Drawing	HUH2-12" Fan Size Heater
July 12, 2018	Version 1.0
Hazloc Heaters Inc.	Calgary, Alberta

