

General Specifications for SRH2-24" Fan Size Hydronic Unit Heater

Notes

1. Pressure/Temperature Ratings

Pressure = 150 psig (1034 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 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

Model Series

Generation

For major revisions

Fan Size

24 Inches 24

Tube Passes

1 Pass 1

Approval Type

North American (CRN) N

Heater Model Code and Option Codes

Model Code

SRH 2 - 24 - 1 - N - 115 1 60 - E

Option Codes

H1, C3, etc.

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

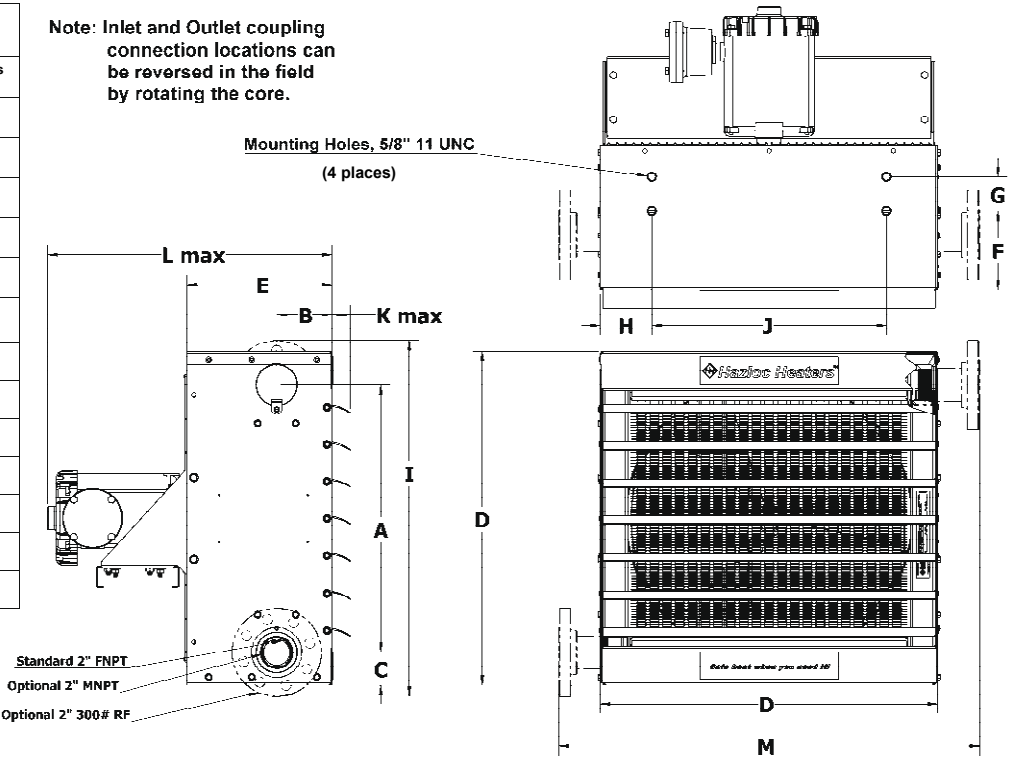
Motor

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

- ♦ 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	24
Dim.	Inches (mm)
A	23.46 (596)
B	4.65 (118)
C	2.40 (61)
D	28.27 (718)
E	11.81 (300)
F	6.69 (170)
G	2.76 (70)
H	4.29 (109)
I	29.93 (760)
J	19.69 (500)
K	1.38 (35)
L	23.90 (607)
M	34.46 (875)

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



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Special Requirements/Notes:

Approval Drawing	SRH2-24" Fan Size Heater
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Hazloc Heaters Inc.	Calgary, Alberta

