General Specifications for SRH2-20" Fan Size Hydronic Unit Heater

Notes

1. Pressure/Temperature Ratings

Pressure = 200 psig (1379 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

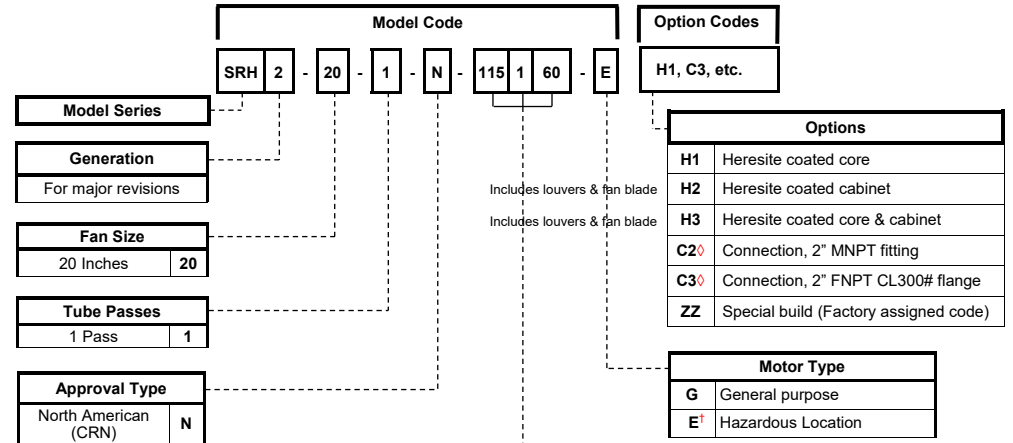Spark-proof three-blade aluminum

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

- ◊ 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 to be operated at ±10% of the nameplate voltage. Some motor manufacturers state that the motor is "usable at 208V" in their product literature but the line voltage must still meet the ±10% nameplate voltage tolerance (e.g. the permissible voltage range for a 230V motor is 207V – 253V). For 3-phase motors the line-to-line full load voltage must be balanced within 1%.
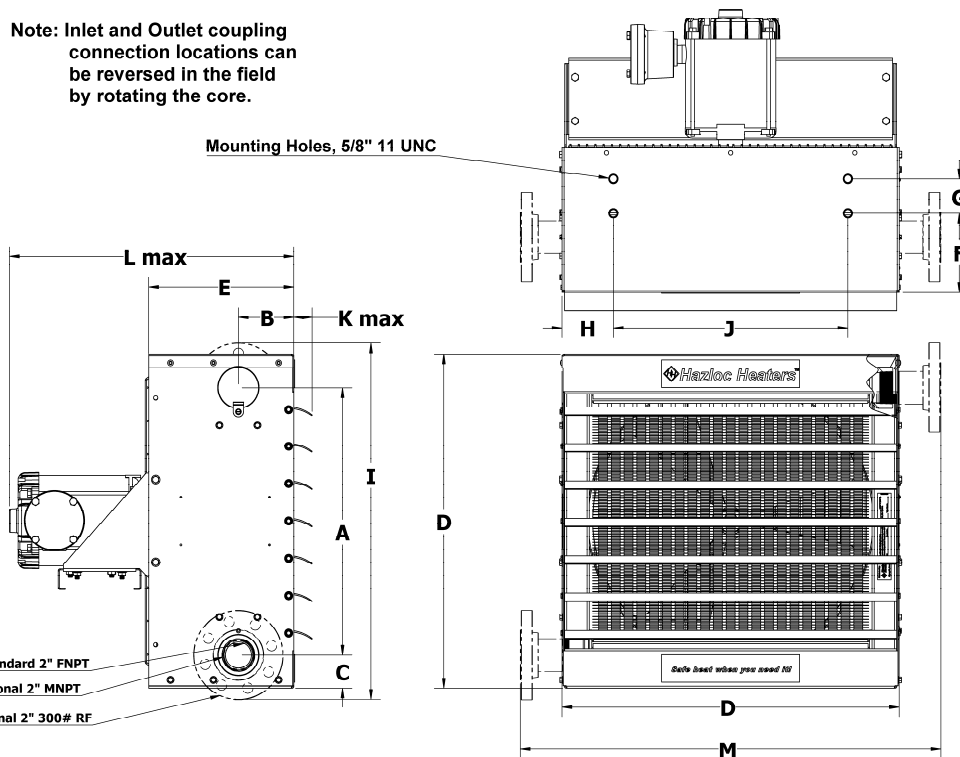
Heater Model Code and Option Codes

Model Code: SRH | 2 | - | 20 | - | 1 | - | N | - | 115 | 1 | 60 | - | E

Option Codes: H1, C3, etc.

Includes louvers & fan blade
Includes louvers & fan blade

Model Series	

Generation	
For major revisions	

Fan Size	
20 Inches	20

Tube Passes	
1 Pass	1

Approval Type	
North American (CRN)	N

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

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

Fan Size	20
Dim.	Inches (mm)
A	19.49 (495)
B	4.02 (102)
C	2.40 (61)
D	24.29 (617)
E	10.51 (267)
F	5.75 (146)
G	2.50 (63.5)
H	3.62 (92)
I	25.96 (659)
J	17.00 (432)
K	1.38 (35)
L	22.57 (573)
M	30.48 (774)

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

Mounting Holes, 5/8" 11 UNC

Standard 2" FNPT
Optional 2" MNPT
Optional 2" 300# RF

Special Requirements/Notes:

Approval Drawing	SRH2-20" Fan Size Heater
October 3, 2024	Version 2.0
Hazloc Heaters Inc.	Calgary, Alberta

Hazloc Heaters™
Safe heat when you need it!

© Copyright 2024   **CRN: 0H14931.2C** – steam or fluids (not for use with lethal fluids as defined by ASME, Section VIII, Div. 1, UW-2)