

General Specifications for HUH2-36" 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 & 16 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 six-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%.

Heater Model Code and Option Codes

Model Series

Generation

For major revisions

Fan Size

36 Inches

36

Tube Passes

1 Pass

1

3 Pass

3

5 Pass

5

7 Pass

7

Approval Type

North American (CRN)

N

Model Code

Model Series

Generation

Fan Size

Tube Passes

Approval Type

Model Code

Model Series

Generation

Fan Size

Tube Passes

Approval Type

Model Code

Model Series

Generation

Fan Size

Tube Passes

Approval Type

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

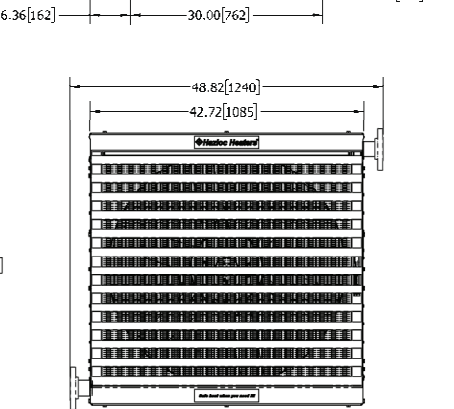
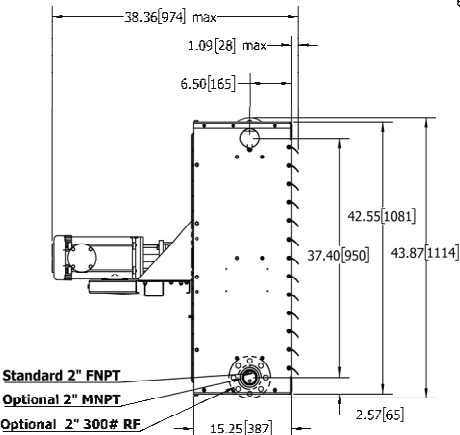
3

60

Maintenance free-Lubricated for life
Speed reducer

Mounting holes,
5/8"-11 UNC(4 places)

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



Special Requirements/Notes:

Approval Drawing	HUH2-36" Fan Size Heater
July 12, 2018	Version 1.0
Hazloc Heaters Inc.	Calgary, Alberta

