NOTES:
1. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. BOLT ON LEGS AND ACCESS PANELS SHOWN.
3. HEATER TO BE MOUNTED ON SECURE FOUNDATION.
5. SCADA NETWORK CONNECTIVITY VIA. RS-485 & MODBUS ASCII OR RTU.
6. HEAT OUTPUT RANGE 200,000 BTU/HR TO 400,000 BTU/HR LPG OR NG, FIELD ADJUSTABLE
7. BURNER EFFICIENCY: MIN. 95%
8. MATERIAL:
   - CABINET - 14 Ga. GALVANIZED STEEL
   - BURNER - 16 Ga. STAINLESS STEEL
9. NET WEIGHT: 400 lbs (181 Kg)
   SHIPPING WEIGHT: 440 lbs. (200 Kg)

ELECTRICAL INFORMATION

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>PHASE</th>
<th>WIRING</th>
<th>RUNNING AMPS</th>
<th>FREQUENCY (Hz)</th>
<th>MOTOR HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>240 V</td>
<td>1</td>
<td>3 WIRE, L1, L2, N</td>
<td>7.5</td>
<td>60</td>
<td>2</td>
</tr>
<tr>
<td>208 V</td>
<td>3</td>
<td>4 WIRE, L1, L2, L3, N</td>
<td>7.3</td>
<td>60</td>
<td>2</td>
</tr>
<tr>
<td>460 V</td>
<td>3</td>
<td>3 WIRE, L1, L2, N</td>
<td>3.6</td>
<td>60</td>
<td>2</td>
</tr>
<tr>
<td>575 V</td>
<td>3</td>
<td>3 WIRE, L1, L2, N</td>
<td>3.0</td>
<td>60</td>
<td>2</td>
</tr>
</tbody>
</table>

GAS FIRING INFORMATION

<table>
<thead>
<tr>
<th>PROPANE</th>
<th>NATURAL GAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT RATING, BTU/HR (kW)</td>
<td>200,000 - 400,000 (58-117)</td>
</tr>
<tr>
<td>MANIFOLD PRESSURE, INCHES OF WATER (kPa)</td>
<td>1.3-5.0 (0.32-1.23)</td>
</tr>
<tr>
<td>SUPPLY PRESSURE, INCHES OF WATER (kPa)</td>
<td>7-14 (1.72-3.45)</td>
</tr>
</tbody>
</table>

MATERIAL:
- CABINET - 14 Ga. GALVANIZED STEEL
- BURNER - 18 Ga. STAINLESS STEEL

NET WEIGHT: 400 lbs (181 Kg)
SHIPPING WEIGHT: 440 lbs. (200 Kg)
ENERGY MANAGEMENT OPTIONS:
EMS - HF19030 - EMS SYSTEM
S - HF19031 - SNOW DETECTION ONLY
T - HF19032 - RAIL THERMOSTAT ONLY

ACCESORIES OPTIONS:
A - HF14521 - BOLT ON ACCESS PANELS
B - HF14522 - QUICK RELEASE ACCESS PANELS
C - HF16357 - SCREW TYPE MOUNTING LEGS
D - HF17814 - BOLT ON MOUNTING LEGS
E - HF19037 - LOCKING BARS
F - HF17436-01 - LOCKING BARS
G - HF16984 - DIRT TRAP AND STRAINER
H - HF15900-01 - 48" FLEX GAS HOSE
I - HF15900-02 - 72" FLEX GAS HOSE
J - HF19030 - EMS SYSTEM
K - HF19031 - SNOW DETECTION ONLY
L - HF19032 - RAIL THERMOSTAT ONLY
M - HF15900-03 - 2nd STAGE REGULATOR
N - HF17806-01 - LOW INTAKE
O - HF17806-02 - HIGH INTAKE
P - HF17806-03 - LOW NARROW INTAKE
Q - HF17806-04 - LOW INTAKE
R - HF16357 - SCREW TYPE MOUNTING LEGS
S - HF17436-02 - 48" GAS HOSE
T - HF17436-03 - 72" GAS HOSE
U - HF17436-04 - 48" GAS HOSE
V - HF17436-05 - 72" GAS HOSE
W - HF17436-06 - 48" GAS HOSE
X - HF17436-07 - 72" GAS HOSE
Y - HF17436-08 - 48" GAS HOSE
Z - HF17436-09 - 72" GAS HOSE

INTAKE OPTIONS:
EMS - HF19030 - EMS SYSTEM
S - HF19031 - SNOW DETECTION ONLY
T - HF19032 - RAIL THERMOSTAT ONLY

LEVELLING LEGS OPTIONS:
A - HF14521 - BOLT ON ACCESS PANELS
B - HF14522 - QUICK RELEASE ACCESS PANELS
C - HF16357 - SCREW TYPE MOUNTING LEGS
D - HF17814 - BOLT ON MOUNTING LEGS
E - HF19037 - LOCKING BARS
F - HF15900-01 - 48" FLEX GAS HOSE
G - HF15900-02 - 72" FLEX GAS HOSE
H - HF17436-01 - LOCKING BARS
I - HF16984 - DIRT TRAP AND STRAINER
J - HF19030 - EMS SYSTEM
K - HF19031 - SNOW DETECTION ONLY
L - HF19032 - RAIL THERMOSTAT ONLY
M - HF15900-03 - 2nd STAGE REGULATOR
N - HF17806-01 - LOW INTAKE
O - HF17806-02 - HIGH INTAKE
P - HF17806-03 - LOW NARROW INTAKE
Q - HF17806-04 - LOW INTAKE
R - HF16357 - SCREW TYPE MOUNTING LEGS
S - HF17436-02 - 48" GAS HOSE
T - HF17436-03 - 72" GAS HOSE
U - HF17436-04 - 48" GAS HOSE
V - HF17436-05 - 72" GAS HOSE
W - HF17436-06 - 48" GAS HOSE
X - HF17436-07 - 72" GAS HOSE
Y - HF17436-08 - 48" GAS HOSE
Z - HF17436-09 - 72" GAS HOSE

CONTROL ACCESS OPTIONS:
A - HF14521 - BOLT ON ACCESS PANELS
B - HF14522 - QUICK RELEASE ACCESS PANELS
C - HF16357 - SCREW TYPE MOUNTING LEGS
D - HF17814 - BOLT ON MOUNTING LEGS
E - HF19037 - LOCKING BARS
F - HF15900-01 - 48" FLEX GAS HOSE
G - HF15900-02 - 72" FLEX GAS HOSE
H - HF17436-01 - LOCKING BARS
I - HF16984 - DIRT TRAP AND STRAINER
J - HF19030 - EMS SYSTEM
K - HF19031 - SNOW DETECTION ONLY
L - HF19032 - RAIL THERMOSTAT ONLY
M - HF15900-03 - 2nd STAGE REGULATOR
N - HF17806-01 - LOW INTAKE
O - HF17806-02 - HIGH INTAKE
P - HF17806-03 - LOW NARROW INTAKE
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R - HF16357 - SCREW TYPE MOUNTING LEGS
S - HF17436-02 - 48" GAS HOSE
T - HF17436-03 - 72" GAS HOSE
U - HF17436-04 - 48" GAS HOSE
V - HF17436-05 - 72" GAS HOSE
W - HF17436-06 - 48" GAS HOSE
X - HF17436-07 - 72" GAS HOSE
Y - HF17436-08 - 48" GAS HOSE
Z - HF17436-09 - 72" GAS HOSE

THERMOSTAT BOX (INCLUDED IN BASE ASSEMBLY)

** ONLY AVAILABLE IN 240V
* ONLY AVAILABLE WITH BUNGALOW OPTION

REV. 1/2° 0.005" 1/16" 1 mm
TOLERANCE UNLESS NOTED OTHERWISE

DRAWING NO.: HF400 - 2014 GENERIC APPROVAL DWG
TITLE: HF400 - 2014 GENERIC APPROVAL DWG
SCALE: METRIC
DRAWN BY: gmillard 17 Nov 2017
APPROD BY: LB
PAGE: 1 OF 2

MODEL SERIES
GAS INPUT
400 - 400,000 BTU/HR
VOLTAGE
1 - 240
2 - 208
3 - 460
4 - 575
5 - 575
w/DUPLEX
PHASE
1 - 1 PH
3 - 3 PH
INTAKE
H - HIGH
L - LOW
N - NARROW LOW
LEVELLING LEGS
B - BOLT ON
S - SCREW TYPE
CONTROL ACCESS
A - BOLT ON
Q - QUICK RELEASE
R - LOCKING BARS
ENERGY MANAGEMENT SYSTEM
EMS - SNOW AND RAIL TSTAT
S - SNOW DETECTION TSTAT
T - RAIL TSTAT

ACCESSORIES:
D - DIRT TRAP
F - 48" GAS HOSE
G - 72" GAS HOSE
L - LOCKING BAR
R - 2nd STAGE GAS REGULATOR
M - MOTOR CURRENT KIT
B - BUNGALOW
B - SAFETY SHUTDOWN

REV. DESCRIPTION
DATE
BY