



HF-XX SUB-11

**INDIRECT WATER HEATER
SUBMITTAL SHEET**

Page 1 of 2.

JOB NAME _____
LOCATION _____
ARCH./ ENGR. _____
WHOLESALER _____
MECH. CONTRACTOR _____
MODEL NO. _____
GALLON CAPACITY _____

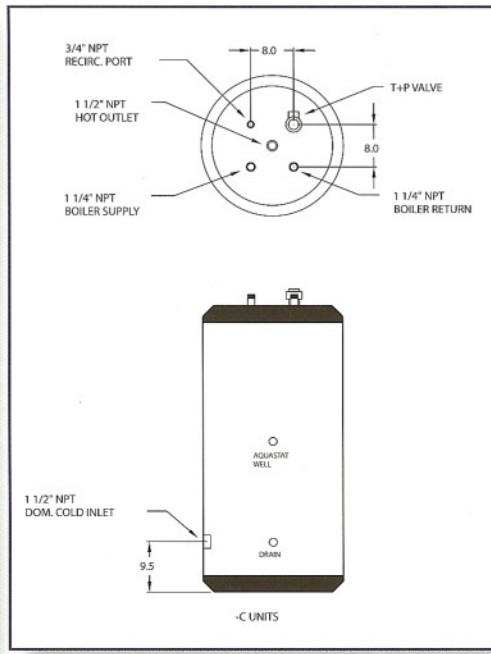
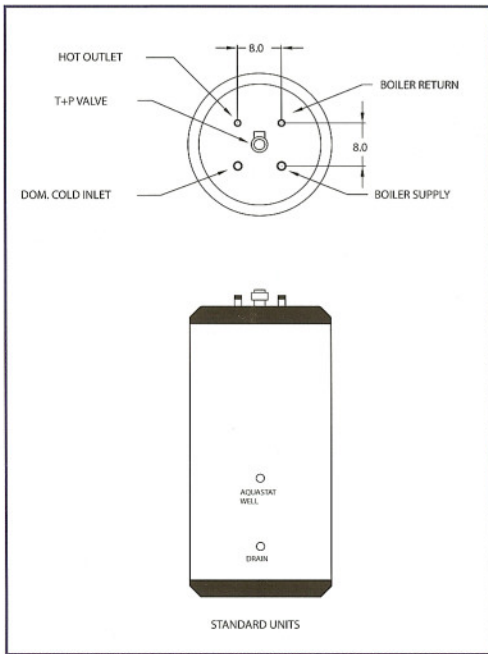
STANDARD FEATURES

R-12 INSULATION
THERMOPLASTIC JACKET
STAINLESS STEEL COLD INLET DIP TUBE
LARGE SMOOTH WALL HEATING COILS
REMOVABLE THERMAL WELL
ALL CONNECTIONS ON TOP ON MODELS 30 THRU 115 UNITS
ALL STAINLESS STEEL CONSTRUCTION
T+P VALVE AND DRAIN ARE FACTORY INSTALLED
HONEYWELL L4080B IS SUPPLIED STANDARD
LIMITED LIFETIME WARRANTY RESIDENTIAL, 5 YEARS COMMERCIAL
CONFORMS TO UL STD 174
CERTIFIED TO CAN/CSA STD C22.2 NO.110-94



**INDIRECT WATER HEATER
SUBMITTAL SHEET**

| Model | Storage Volume (Gals.) | Coil Heating Surface Sq. Ft. | Dimensions (inches) | | Piping Connections-N.P.T. | | Max. Working Pressure (psi) | Approx Shipping Wt.-Lbs. |
|---|------------------------|------------------------------|---------------------|------|---------------------------|---------------------|-----------------------------|--------------------------|
| | | | Ht. | Dia. | Domestic Water In/Out | Boiler Water In/Out | | |
| 30 | 30 | 7.0 | 34.0 | 23.5 | 3/4 | 1 | 150 | 85 |
| 40 | 40 | 7.5 | 44.0 | 23.5 | 3/4 | 1 | 150 | 100 |
| 40L | 42 | 7.1 | 36.0 | 28.0 | 3/4 | 1 | 150 | 100 |
| 50 | 50 | 8.0 | 54.0 | 23.5 | 3/4 | 1 | 150 | 110 |
| 60 | 60 | 8.3 | 62.0 | 23.5 | 3/4 | 1 | 150 | 125 |
| 60L | 60 | 7.5 | 46.0 | 28.0 | 3/4 | 1 | 150 | 120 |
| 80 | 80 | 8.0 | 56.0 | 28.0 | 1 | 1 | 150 | 140 |
| 115 | 115 | 8.9 | 74.0 | 28.0 | 1 | 1 | 150 | 175 |
| High Output Units 80-HO and 115-HO | | | | | | | | |
| 80-HO | 80 | 13.4 | 56.0 | 28.0 | 1 | 1 | 150 | 155 |
| 115-HO | 115 | 14.4 | 74.0 | 28.0 | 1 | 1 | 150 | 190 |
| 80-HO-C | 80 | 13.4 | 56.0 | 28.0 | 1 1/2 | 1 1/4 | 150 | 155 |
| 115-HO-C | 115 | 14.4 | 74.0 | 28.0 | 1 1/2 | 1 1/4 | 150 | 190 |



Features and Benefits Include:

- Quality Design and Construction**
 - Tanks and coils are all stainless steel construction.
 - Large smooth wall coils deliver full output for years. No finned tubing to collect lime and sediment.
 - Includes over 2" of insulation, less than 1°/hr. heat loss, and a flexible thermoplastic jacket that will not dent or corrode.
- Easy Installation**
 - All connections are on top on the standard units for a neat, clean installation.
 - Brass drain and relief valves are factory installed.
 - Honeywell L4080B aquastat control is standard.
- Residential and Commercial**
 - Models are available with 30, 40, 50, 60, 80 and 115 gallon tanks.
 - Bank together 80 and 115 gallon units for applications with high water heating demands.
 - Limited lifetime warranty residential installations, 5 year commercial.

| Model | Max. First Hour Rating Gal./Hr. @ | | Continuous Rating Gal./Hr. @ | | Boiler Output Required (BTU/Hr.) | Min. Boiler Water Flow Through Coil Gal./Min. | Pressure Drop Through Coil (Ft. Water) |
|---|-----------------------------------|-------|------------------------------|-------|----------------------------------|---|--|
| | 140 F | 115 F | 140 F | 115 F | | | |
| 30 | 195 | 259 | 168 | 232 | 125,600 | 14.0 | 5.3 |
| 40 | 215 | 284 | 179 | 248 | 134,200 | 14.0 | 5.7 |
| 40L | 195 | 259 | 168 | 232 | 125,600 | 14.0 | 5.3 |
| 50 | 234 | 308 | 189 | 263 | 129,900 | 14.0 | 6.0 |
| 60 | 254 | 333 | 200 | 279 | 151,000 | 14.0 | 6.2 |
| 60L | 233 | 302 | 179 | 248 | 134,100 | 14.0 | 5.7 |
| 80 | 266 | 341 | 194 | 269 | 145,600 | 14.0 | 6.0 |
| 115 | 319 | 403 | 216 | 300 | 162,400 | 14.0 | 6.6 |
| High Output Units 80-HO and 115-HO | | | | | | | |
| 80-HO | 386 | 507 | 314 | 435 | 235,600 | 14.0 | 9.9 |
| 115-HO | 439 | 568 | 336 | 465 | 251,700 | 14.0 | 10.5 |
| 80-HO-C | 408 | 537 | 336 | 465 | 251,700 | 21.0 | 15.8 |
| 115-HO-C | 450 | 583 | 347 | 480 | 259,800 | 21.0 | 16.7 |

Note: All Ratings are based on 200 degree F boiler water supply and 50 degree F cold Water inlet.
For 180 degree F boiler water supply multiply by 0.86
In the interest of continuous improvement, specifications are subject to change without notice.

