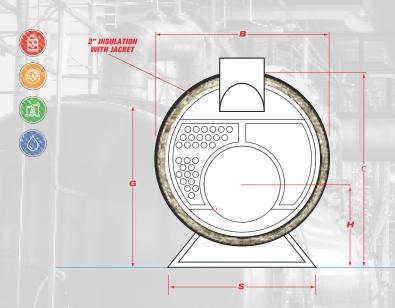
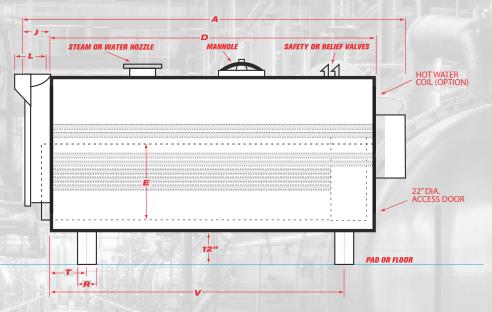


## FPS-70-EASCO

## RATINGS, DATA AND DIMENSIONS





|            | GROSS              | OUTPUT        |                                  | NET R              | ATING         | FIRING    | RATE | Heating              | Furnace<br>Volume |  |
|------------|--------------------|---------------|----------------------------------|--------------------|---------------|-----------|------|----------------------|-------------------|--|
| Horsepower | Steam<br>Radiation | Steam Thermal | Steam per hr.<br>from & at 212°F | Steam<br>Radiation | Steam Thermal | Light Oil | Gas  | Surface<br>( reside) |                   |  |
| НР         | SQ. FT.            | МВН           | LBS/HR.                          | SQ. FT.            | МВН           | GPM       | МВН  | SQ. FT.              | CU. FT.           |  |
| 70         | 9803               | 2343          | 2415                             | 7598               | 1816          | 20.2      | 2856 | 350                  | 28.1              |  |

| Α                 | В     | С                 | D               | E                   | F                 | G                        | Н                             | J                              | K                       | L                      | M   | N                                | Р                     | Q                        | R               | S                | T                    | V                   |                         |                |
|-------------------|-------|-------------------|-----------------|---------------------|-------------------|--------------------------|-------------------------------|--------------------------------|-------------------------|------------------------|-----|----------------------------------|-----------------------|--------------------------|-----------------|------------------|----------------------|---------------------|-------------------------|----------------|
| Overall<br>Length |       | Overall<br>Height | Shell<br>Length | Furnace<br>Diameter | Furnace<br>Length | Normal<br>Water<br>Line* | Height-<br>C.L. of<br>Furnace | Depth-<br>Reversing<br>Chamber | Depth-<br>Smoke<br>Hood | Vent<br>Outlet<br>Dia. |     | Bottom-<br>Front Rev.<br>Chamber | Top-<br>Smoke<br>Hood | Bottom-<br>Smoke<br>Hood | Saddle<br>Width | Saddle<br>Length | C.L. Front<br>Saddle | C.L. Rear<br>Saddle | Steam<br>Outlet<br>Size | Return<br>Size |
| FTIN.             | IN.   | IN.               | FTIN.           | IN.                 | IN.               | IN.                      | IN.                           | IN.                            | IN.                     | IN.                    | IN. | IN.                              | IN.                   | IN.                      | IN.             | IN.              | IN.                  | IN.                 | IN.                     | IN.            |
| 132.5             | 59.13 | 69.13             | 108.75          |                     |                   | 55.5                     | 26.31                         | 7                              |                         | 12                     |     |                                  |                       |                          | 7               | 44               | 9                    | 88.5                | 8                       | 4              |

| Heat Release Rate | Steam Disengaging<br>Area at N.W.L. | Steam Cubic Space<br>Over N.W.L. | Steam Space from<br>Normal w.l. to Inside Shell | Water Content<br>to N.W. Line | Dry Weight<br>(Approx.) | Operating Weight (Approx.) |  |
|-------------------|-------------------------------------|----------------------------------|---|-------------------------------|-------------------------|----------------------------|--|
| BTUs/FT3/HR       | SQ. FT.                             | CU. FT.                          | IN.   | GAL.                          | LBS.                    | LBS.                       |  |
| 101592            | 31.8                                | 20                               | 11  | 556                           | 7600                    | 13500                      |  |