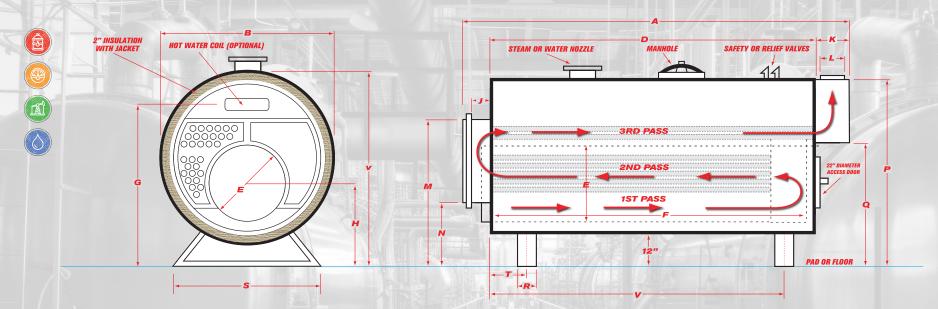


## FST-300-EASCO

## 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>(fireside) |                   |  |
| H.P.       | SQ. FT.            | МВН           | LBS/HR.                          | SQ. FT.            | МВН           | GPH       | МВН   | SQ. FT.               | CU. FT.           |  |
| 300        | 42021              | 10043         | 10350                            | 32489              | 7797          | 86.4      | 12246 | 1500                  | 162.2             |  |

| Α                 | В   | C                 | D               | E                   | F                 | G                        | н                             | J                              | K                       | L                      | M                             | N                                | P                     | Q                        | R               | S                | T                    | V                   |                         |                |
|-------------------|---|-------------------|-----------------|---------------------|-------------------|--------------------------|-------------------------------|--------------------------------|-------------------------|------------------------|-------------------------------|----------------------------------|-----------------------|--------------------------|-----------------|------------------|----------------------|---------------------|-------------------------|----------------|
| Overall<br>Length | Overall<br>Width<br>(over 2"<br>insulation) | 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. | Top-<br>Front Rev.<br>Chamber | 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.            |
| 197 1/6           | 88  | 96 7/8            | 159 3/8         | 45                  | 130 3/4           | 85                       | 39                            | 10 3/4                         | 29 1/2                  | 27                     | 82 3/16                       |                                  |                       |                          | 8               | 62               | 12                   | 134 3/8             | 10                      | 6              |

| 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<br>(Approx.) |
|-------------------|-------------------------------------|----------------------------------|---|-------------------------------|-------------------------|-------------------------------|
| BTUs/FT3/HR       | SQ. FT.                             | CU. FT.                          | IN.   | GAL.                          | LBS.                    | LBS.                          |
|                   |                                     |                                  |   | 1595                          | 24000                   | 37302                         |