

# SUPERSTOR CONTENDER TITANIUM

Indirect Water Heaters



## Features

- **TITANIUM INFUSED GLASS LINING** on tank and heat exchanger to reduce corrosion, tolerate high temperatures, and extend tank life.
- **TOP CONNECTIONS** for inlet, outlet, supply, return, and relief valve make installation easy.
- **INLET DIPTUBE** injects cold water into the bottom of the tank to ensure only the hottest water is drawn from the top of the tank.
- **DURABLE JACKET** constructed of powder coated steel jacket.
- **½" SCREW IN IMMERSION WELL** stainless steel sensor well included for ease of installation.
- **AQUASTAT** for controlling the temperature.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** included for ease of installation.
- **DURABLE BRASS DRAIN VALVE** included for ease of installation.

## Performance

- **UP TO 50% MORE HOT WATER THAN MANY WATER HEATERS OF SIMILAR SIZE**
- **ENVIRONMENTALLY SAFE CFC FOAM 2+ INCHES OF SUPER FOAM INSULATION FOR LOW STANDBY LOSS**

## Quality

- **TITANIUM GLASS LINED STEEL TANK AND HEAT EXCHANGER**
- **MAGNESIUM ANODE ROD**
- **LIMITED LIFETIME TANK WARRANTY\* FOR RESIDENTIAL USE / 6 YEAR COMPONENT**
- **5 YEAR TANK WARRANTY FOR COMMERCIAL USE / 1 YEAR COMPONENT**



\*With online registration. See product warranty for details.



**SCAN HERE!**

For more info about the  
SUPERSTOR CONTENDER TITANIUM



## SPECIFICATIONS AND APPLICATION DATA

| MODELS   | NOMINAL CAPACITY (GAL.) | DOERATED CAPACITY (GAL) | MAX WORKING TEMPERATURE | WORKING PRESSURE (PSI) | 180° F BOILER WATER FIRST HOUR RATING* | 180° F BOILER BTUH / SIZE | RECOMMENDED FLOW RATE (GPM) | PRESSURE DROP AT RECOMMENDED FLOW RATE (FT. OF HEAD) | DHW INLET AND OUTLET PORT SIZES | BOILER INLET AND OUTLET PORT SIZES |
|----------|-------------------------|-------------------------|-------------------------|------------------------|----------------------------------------|---------------------------|-----------------------------|------------------------------------------------------|---------------------------------|------------------------------------|
| SSC-20TC | 20                      | 21.2                    | 200 F                   | 150                    | 92                                     | 75,000                    | 5                           | 1.2                                                  | 3/4" NPT MALE                   | 3/4" NPT MALE                      |
| SSC-32TC | 32                      | 31.7                    | 200 F                   | 150                    | 109                                    | 95,000                    | 8                           | 3.8                                                  | 3/4" NPT MALE                   | 3/4" NPT MALE                      |
| SSC-40TC | 40                      | 42.3                    | 200 F                   | 150                    | 125                                    | 115,000                   | 12                          | 7.6                                                  | 3/4" NPT MALE                   | 3/4" NPT MALE                      |
| SSC-50TC | 50                      | 52.9                    | 200 F                   | 150                    | 190                                    | 140,000                   | 12                          | 8.8                                                  | 3/4" NPT MALE                   | 3/4" NPT MALE                      |

\*AHRI TEST METHOD BASED ON 77° F TEMPERATURE RISE, 58° F / 135° F W/BOILER WATER AT 180° F NOTE: TANK RECOVERY FROM COLD START WILL BE BETWEEN 10-13 MINUTES

WHEN SIZED WITH CORRECT FLOW RATE, BOILER SIZE AND PRESSURE DROP RATINGS FROM LIST IN ABOVE CHART.

CONTINUOUS FLOW RATING CALCULATION: FIRST HOUR RATING - (.75 \* GALLON CAPACITY) = CONTINUOUS FLOW RATING.

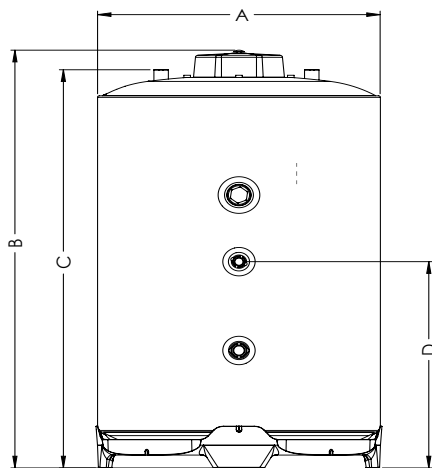
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### DIMENSIONS & WEIGHT

| MODEL    | PRODUCT DIAMETER (IN) | PRODUCT HEIGHT (IN) | TOP FITTING HEIGHT (IN) | AQUASTAT HEIGHT (IN) | DHW WATER CONNECTIONS DISTANCE (IN) | BOILER CONNECTIONS DISTANCE (IN) | BOILER CONNECTIONS DEPTH (IN) | DHW CONNECTIONS DEPTH (IN) | SHIPPING WEIGHT (LBS) |
|----------|-----------------------|---------------------|-------------------------|----------------------|-------------------------------------|----------------------------------|-------------------------------|----------------------------|-----------------------|
|          | A                     | B                   | C                       | D                    | E                                   | F                                | G                             | H                          |                       |
| SSC-20TC | 22                    | 28-3/4              | 27                      | 14-1/2               | 4-3/4                               | 11-3/4                           | 3-3/4                         | 6                          | 252                   |
| SSC-32TC | 22                    | 37                  | 35-1/4                  | 18-1/4               | 4-3/4                               | 11-3/4                           | 3-3/4                         | 6                          | 363                   |
| SSC-40TC | 22                    | 45-1/4              | 43-1/2                  | 18-1/4               | 4-3/4                               | 11-3/4                           | 3-3/4                         | 6                          | 465                   |
| SSC-50TC | 22                    | 54                  | 52-1/4                  | 22-1/4               | 4-3/4                               | 11-3/4                           | 3-3/4                         | 6                          | 577                   |

FRONT VIEW



TOP VIEW

