

A large, semi-transparent background image of a person taking a shower, with water falling over their head and shoulders.

INTERSTOR.

DTI

**INDIRECT FIRED
WATER HEATERS**

DTI 30 | 40 | 55 | 65 | 80

DTI 80 MAX | 119 MAX



LIMITED
LIFETIME
RESIDENTIAL
WARRANTY

7
YEAR
COMMERCIAL
WARRANTY

A large, stylized graphic in the bottom right corner, transitioning from orange at the bottom to red at the top. The letters "IBC" are written in white in the center of this graphic.



DTI INDIRECT WATER HEATERS

QUALITY & DURABILITY

INTERSTOR® Indirect Water Heaters are built from high-grade stainless steel for exceptional durability and corrosion resistance. Precision welding, stainless steel tank connections, and a full pickling and passivation process enhance long-term reliability. Compared to glass-lined models, stainless steel offers a significantly longer lifespan for domestic water heating and storage.



PERFORMANCE

The extended surface area of our stainless steel heat exchanger results in superior DHW performance, producing 2-3 times more hot water than a standard gas fired water heater.

ECONOMY

Unlike direct-fired units, INTERSTOR® Indirect Water Heaters integrate with your existing boiler to deliver reliable, on-demand hot water. They match the efficiency of your home's space heating system for consistent performance and energy savings.



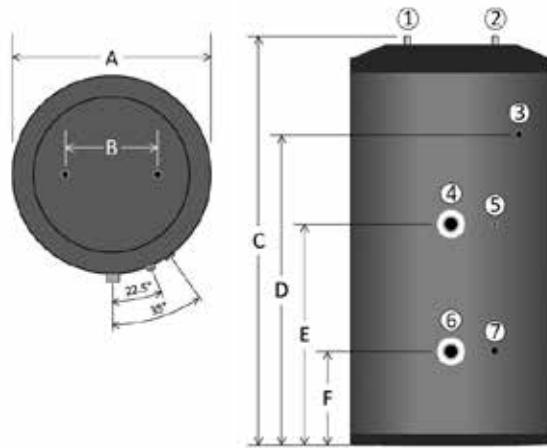
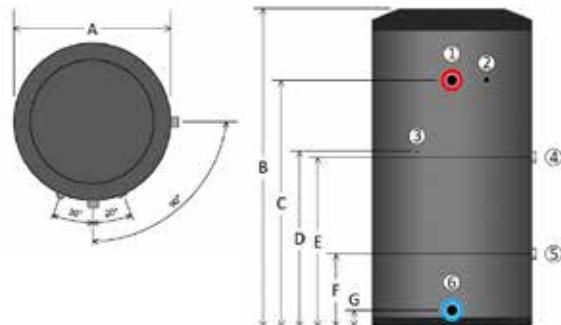
FEATURES

- Delivers more hot water than standard direct fired tanks when paired with high efficiency boilers
- Stainless steel construction including pickled and passivated tank, water connections and high-capacity smooth wall coil resist corrosion for long-life
- Top DHW connections and side boiler connections increase install efficiency while saving time, money, and labor (DTI 40, 55 and 65)
- Lightweight for easy installation
- 2" of polystyrene foam insulation for an extremely low standby heat loss
- Removable inspection port for easy access to coil and tank
- Standard Aquastat & 10KΩ temperature sensor

| Surface | Minimum Distance from Combustibles | Recommended Distance for Service |
|---------------------------------------|------------------------------------|----------------------------------|
| Front - in. (cm) | 1 (2.5) | 24 (61) |
| Top, Right, Left, and Rear - in. (cm) | 1 (2.5) | 1 (2.5) |
| Bottom - in. (cm) | 0 (0) | 0 (0) |

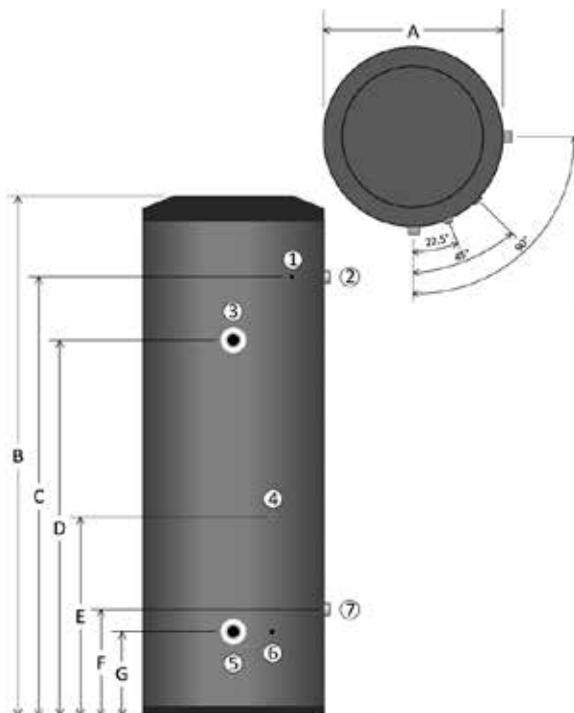


DIMENSION DRAWINGS



| DIMENSION | DTI 30 |
|--|--------------|
| A Diameter - in. (cm) | 20.1 (51.1) |
| B Height - in. (cm) | 39.6 (100.6) |
| C DHW Outlet & Relief Valve - in. (cm) | 30.9 (78.5) |
| D Sensor / Aquastat Well - in. (cm) | 22.4 (57.0) |
| E Boiler Supply - in. (cm) | 22 (56.0) |
| F Boiler Return - in. (cm) | 9.5 (24.0) |
| G DHW Inlet - in. (cm) | 2.2 (5.5) |
| 1 DHW Outlet | 3/4" M |
| 2 T&P Relief Valve | 3/4" F |
| 3 Sensor / Aquastat Well | n/a |
| 4 Boiler Supply | 1" M |
| 5 Boiler Return | 1" M |
| 6 DHW Inlet | 3/4" M |

| DIMENSION | DTI 40 | DTI 55 | DTI 65 |
|---|--------------|--------------|--------------|
| A Diameter - in. (cm) | 21.8 (55.5) | 21.8 (55.5) | 23.8 (60.4) |
| B DHW Inlet & Outlet Center to Center - in. (cm) | 10.1 (25.6) | 10.1 (25.6) | 10.1 (25.6) |
| C Height - in. (cm) | 46.9 (119.2) | 62.8 (159.4) | 59.5 (151.0) |
| D Relief Valve - in. (cm) | 37 (93.9) | 52.8 (134.1) | 50.1 (127.2) |
| E Boiler Sup. & Sensor / Aquastat Well - in. (cm) | 23.6 (59.9) | 27.7 (70.4) | 26.1 (66.2) |
| F Boiler Return & Drain - in. (cm) | 10.2 (25.9) | 10.2 (25.9) | 9.9 (25.2) |
| 1 DHW Outlet | 3/4" M | 3/4" M | 3/4" M |
| 2 DHW Inlet | 3/4" M | 3/4" M | 3/4" M |
| 3 T&P Relief Valve | 3/4" F | 3/4" F | 3/4" F |
| 4 Boiler Supply | 1" M | 1" M | 1" M |
| 5 Sensor / Aquastat Well | n/a | n/a | n/a |
| 6 Boiler Return | 1" M | 1" M | 1" M |
| 7 DHW Drain | 1/2" F | 1/2" F | 1/2" F |



| DIMENSION | DTI 80 | DTI 80 MAX | DTI 119 MAX |
|--|--------------|--------------|--------------|
| A Diameter - in. (cm) | 23.8 (60.4) | 23.8 (60.4) | 28.9 (73.4) |
| B Height - in. (cm) | 69.9 (177.6) | 69.9 (177.6) | 65.8 (167.2) |
| C DHW Outlet & Relief Valve - in. (cm) | 60.5 (153.7) | 60.5 (153.7) | 53.0 (134.7) |
| D Boiler Supply - in. (cm) | 30.0 (76.2) | 51.7 (131.2) | 42.5 (107.9) |
| E Sensor / Aquastat Well - in. (cm) | 30.0 (76.2) | 26.3 (66.7) | 34.0 (86.2) |
| F DHW Inlet - in. (cm) | 12.1 (30.7) | 12.5 (31.7) | 13.9 (35.2) |
| G Boiler Return & Drain - in. (cm) | 9.9 (25.2) | 9.9 (25.2) | 11.5 (29.2) |
| 1 T&P Relief Valve | 3/4" F | 3/4" F | 1" F |
| 2 DHW Outlet | 1" M | 1 1/2" M | 1 1/2" M |
| 3 Boiler Supply | 1" M | 1 1/2" M | 1 1/2" M |
| 4 Sensor / Aquastat Well | n/a | n/a | n/a |
| 5 Boiler Return | 1" M | 1 1/2" M | 1 1/2" M |
| 6 DHW Drain | 1/2" F | 1/2" F | 1/2" F |
| 7 DHW Inlet | 1" M | 1 1/2" M | 1 1/2" M |



TECHNICAL INFORMATION

| SPECIFICATION | DTI 30 | DTI 40 | DTI 55 | DTI 65 | DTI 80 | DTI 80 MAX | DTI 119 MAX |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Diameter - In. (cm) | 20.1 (51.1) | 21.8 (55.5) | 21.8 (55.5) | 23.8 (60.4) | 23.8 (60.4) | 23.8 (60.4) | 28.9 (73.4) |
| Height - In. (cm) | 39.6 (100.6) | 46.9 (119.2) | 62.8 (159.4) | 59.5 (151.0) | 69.9 (177.6) | 69.9 (177.6) | 65.8 (167.2) |
| Gross DHW Volume - US Gal. | 26.8 | 40.1 | 56.8 | 66.6 | 80.2 | 80.2 | 115 |
| Net DHW Volume - US Gal. | 25.7 | 38.9 | 55.1 | 64.9 | 78.0 | 75.3 | 110 |
| Max. Operating Pressure - PSI | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Max. DHW Temperature - °F (°C) | 180 (82) |
| Weight - Lb. (kg) | 44 (20) | 58 (27) | 83 (38) | 96 (44) | 107 (48) | 130 (59) | 166 (76) |
| Shipping Weight - Lb. (kg) | 51 (23) | 66 (30) | 92 (42) | 105 (48) | 118 (53) | 141 (64) | 178 (81) |
| Domestic Connection Size - In. | 3/4" | 3/4" | 3/4" | 3/4" | 1" | 1 1/2" | 1 1/2" |
| Boiler Connection Size - In. | 1" | 1" | 1" | 1" | 1" | 1 1/2" | 1 1/2" |
| First Hour Delivery* - US Gal./Hr. | 159 | 185 | 240 | 285 | 345 | 484 | 625 |
| Continuous Draw* - US Gal./Hr. | 137 | 154 | 193 | 230 | 279 | 428 | 537 |
| Boiler Output Required* - BTU/Hr. | 88,000 | 98,000 | 123,000 | 146,500 | 178,000 | 273,000 | 343,000 |
| Heating Coil Flow Rate* - GPM | 8 | 8 | 8 | 13 | 13 | 13 | 25 |
| Heating Coil Pressure Drop* - Ft. of Head | 3.0 | 2.5 | 3.3 | 8.2 | 10.5 | 7.2 | 28.0 |
| Heating Coil Surface Area - Ft ² (m ²) | 6.9 (0.64) | 8 (0.74) | 10.7 (0.99) | 11.1 (1.03) | 14.2 (1.32) | 26.4 (2.45) | 27.6 (2.56) |
| IBC Part Number | 034-007S | 034-008T | 034-009T | 034-014T | 034-013S | 034-011S | 034-012S |

*Based on 180 °F boiler supply, 135 °F DHW, and 58 °F entering cold water.



Intertek



Intertek
LOW LEAD

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All information contained in this brochure is subject to change without notice.
Due to clerical error, regulation change or product development please confirm all information with IBC.

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