

INTERSTOR.

DTI

INDIRECT FIRED
WATER HEATERS

DTI 40 | 55 | 65 | 80 | 119

DTI 80 MAX | 119 MAX



IBC



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

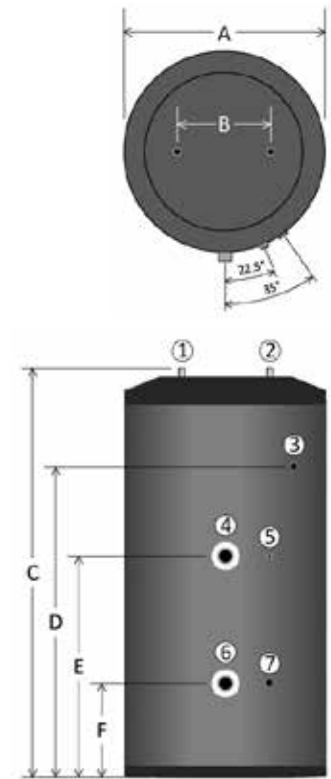
- Delivers more hot water than standard direct fired tanks when paired with high efficiency boilers
- Stainless steel construction including pickled and passivated tank, water connections and high-capacity smooth wall coil resist corrosion for long-life
- Top DHW connections and side boiler connections 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
- 10K Ω 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)

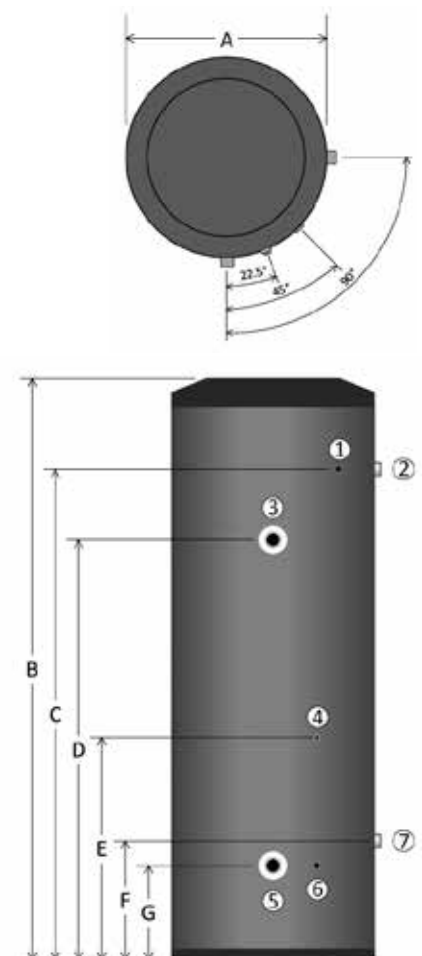


DIMENSION DRAWINGS

DIMENSION	DTI 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 Supply & Sensor / Aquastat Well - in. (cm)	23.6 (59.9)	27.7 (70.4)	26.1 (66.2)
F Boiler Return & Drain	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 119	DTI 80 MAX	DTI 119 MAX
A Diameter - in. (cm)	23.8 (60.4)	28.9 (73.4)	23.8 (60.4)	28.9 (73.4)
B Height - in. (cm)	69.9 (177.6)	65.8 (167.2)	69.9 (177.6)	65.8 (167.2)
C DHW Outlet & Relief Valve - in. (cm)	60.5 (153.7)	53.2 (135.2)	60.5 (153.7)	53.0 (134.7)
D Boiler Supply - in. (cm)	30.0 (76.2)	31.7 (80.5)	51.7 (131.2)	42.5 (107.9)
E Sensor / Aquastat Well - in. (cm)	30.0 (76.2)	31.7 (80.5)	26.3 (66.7)	34.0 (86.2)
F DHW Inlet - in. (cm)	12.1 (30.7)	13.9 (35.2)	12.5 (31.7)	13.9 (35.2)
G Boiler Return & Drain - in. (cm)	9.9 (25.2)	11.5 (29.2)	9.9 (25.2)	11.5 (29.2)
1 T&P Relief Valve	3/4" F	1" F	3/4" F	1" F
2 DHW Outlet	1" M	1 1/2" M	1 1/2" M	1 1/2" M
3 Boiler Supply	1" M	1 1/2" M	1 1/2" M	1 1/2" M
4 Sensor / Aquastat Well	n/a	n/a	n/a	n/a
5 Boiler Return	1" M	1 1/2" M	1 1/2" M	1 1/2" M
6 DHW Drain	1/2" F	1/2" F	1/2" F	1/2" F
7 DHW Inlet	1" M	1 1/2" M	1 1/2" M	1 1/2" M





TECHNICAL INFORMATION

SPECIFICATION	DTI 40	DTI 55	DTI 65	DTI 80	DTI 119	DTI 80 MAX	DTI 119 MAX
Diameter - In. (cm)	21.8 (55.5)	21.8 (55.5)	23.8 (60.4)	23.8 (60.4)	28.9 (73.4)	23.8 (60.4)	28.9 (73.4)
Height - In. (cm)	46.9 (119.2)	62.8 (159.4)	59.5 (151.0)	69.9 (177.6)	65.8 (167.2)	69.9 (177.6)	65.8 (167.2)
Gross DHW Volume - Gal.	40.1	56.8	66.6	80.2	115	80.2	115
Net DHW Volume - Gal.	38.9	55.1	64.9	78.0	111.8	75.3	110
Max. Operating Pressure - PSI	150	150	150	150	150	150	150
Max. DHW Temperature - °F (°C)	180 (82)	180 (82)	180 (82)	180 (82)	180 (82)	180 (82)	180 (82)
Weight - Lb. (kg)	58 (27)	83 (38)	96 (44)	107 (48)	143 (65)	130 (59)	166 (76)
Shipping Weight - Lb. (kg)	66 (30)	92 (42)	105 (48)	118 (53)	155 (71)	141 (64)	178 (81)
Domestic Connection Size - In.	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Boiler Connection Size - In.	1	1	1	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
First Hour Delivery* - Gal./Hr.	185	240	285	345	445	484	625
Continuous Draw* - Gal./Hr.	154	193	230	279	350	428	537
Boiler Output Required* - BTU/Hr.	98,000	123,000	146,500	178,000	224,000	273,000	343,000
Heating Coil Flow Rate* - GPM	8	8	13	13	15	25	25
Heating Coil Pressure Drop* - Ft. of Head	2.5	3.3	8.2	10.5	8.8	7.2	28.0
Heating Coil Surface Area - Ft ² (m ²)	8 (0.74)	10.7 (0.99)	11.1 (1.03)	14.2 (1.32)	18.5 (1.72)	26.4 (2.45)	27.6 (2.56)
IBC Part Number	034-008T	034-009T	034-014T	034-013S	034-016S	034-011S	034-012S

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



IBC®

sales@ibcboiler.com • www.ibcboiler.com
Toll Free: 1-844-HEAT IBC / 1-844-432-8422

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Due to clerical error, regulation change or product development please confirm all information with IBC.

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