

# Stainless Steel Indirect Tank Water Heater

Product Range:

|                   |                      |                      |                      |
|-------------------|----------------------|----------------------|----------------------|
| Job Name:         | <input type="text"/> | Model No.            | <input type="text"/> |
| Location:         | <input type="text"/> | Gal. Capacity:       | <input type="text"/> |
| Engineer:         | <input type="text"/> | Equipment Tags:      | <input type="text"/> |
| Agent/Wholesaler: | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Contractor        | <input type="text"/> | <input type="text"/> | <input type="text"/> |

NOTES:



## Standard Features:

- All Stainless Steel Fully Welded Construction
- Coil Type Indirect Tank Water Heater
- 316L Stainless Steel Tank
- Low Pressure Drop Corrugated Stainless Steel Coil
- Acid pickled (passivated) Stainless Steel Construction
- AHRI Certification Pending
- 2" CFC Free Foam Insulation
- Rust Resistant Plastic Jacket
- ANSI/NSF/CSA 372 Low Lead Certified

## Connections:

- Side Mounted Boiler Supply and Return Connections 1" NPT
- Top Mounted DHW Inlet and Outlet Connections DHW 3/4" NPT (30 to 60 Gal.) / 1" NPT (80 to 120 Gal.)
- Top Mounted Aux. Connection DHW 3/4" NPT (30 to 60 Gal.) / 1" NPT (80 to 120 Gal.)

## Factory Supplied:

- Aquastat\*
- T&P Relief Valve
- 1/4 Turn Drain Valve

## Warranty:

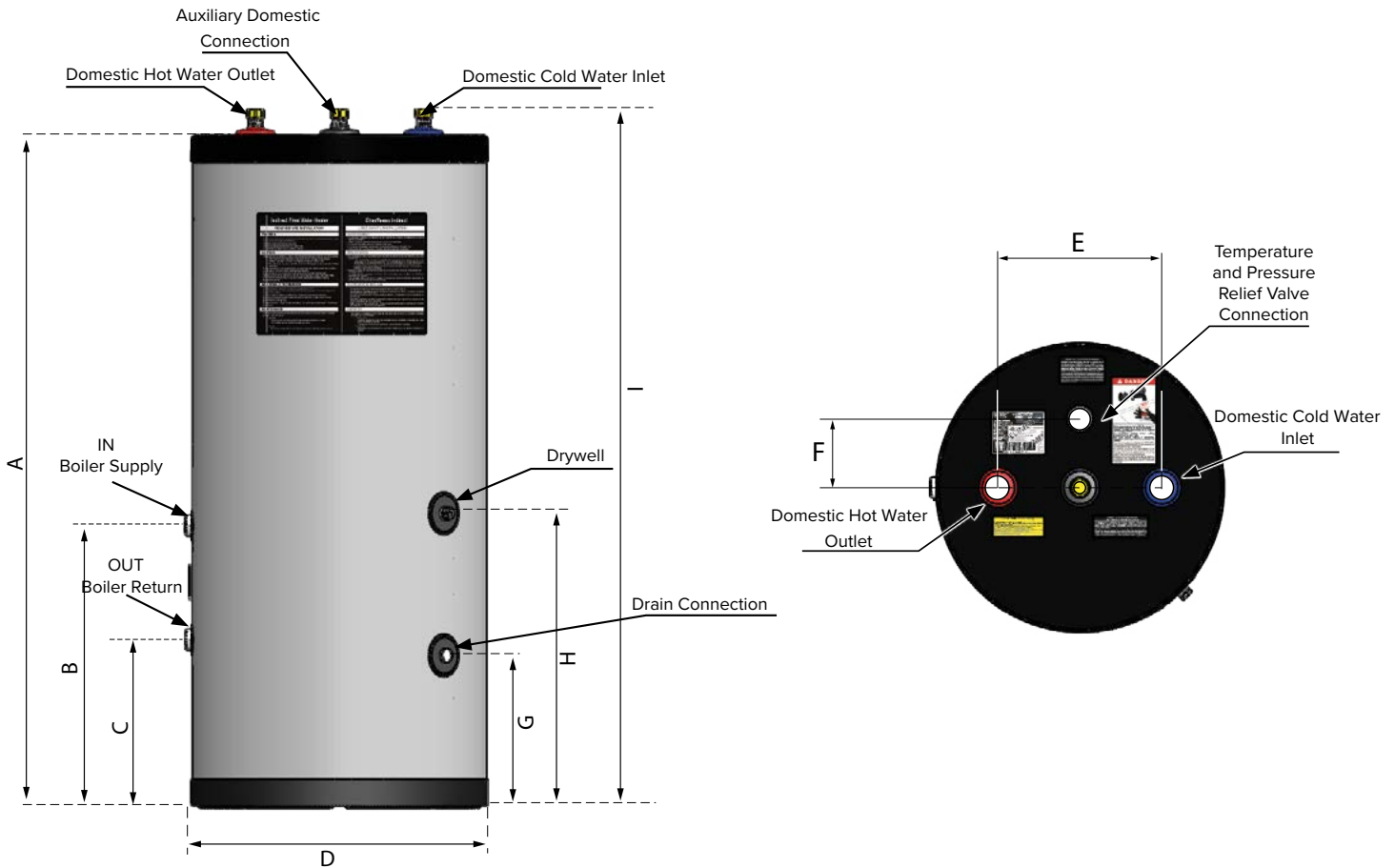
- Residential Up To:
- Limited Lifetime Tank
  - 6 Year Parts
  - 3 Year Labor Allowance
- Commercial Up To:
- Limited 6 Year Tank
  - 6 Year Parts
  - 3 Year Labor Allowance

## Optional Accessory:

- Auxiliary Dip Tube

\* Exalt and Gallant boiler models include factory supply DHW sensor for use with Monarch tank

## Stainless Steel Indirect Tank Heater - Dimensions and Specifications



| MODEL | Capacity (Gal.) | Dimensions |        |        |        |        |       |        |        |        | Domestic Inlet/Outlet - MNPT | Boiler Supply/Return - FNPT | T&P - FNPT | Drain - FNPT | Empty weight (Lbs) | Shipping weight (Lbs) |
|-------|-----------------|------------|--------|--------|--------|--------|-------|--------|--------|--------|------------------------------|-----------------------------|------------|--------------|--------------------|-----------------------|
|       |                 | A          | B      | C      | D      | E      | F     | G      | H      | I      |                              |                             |            |              |                    |                       |
| 30    | 31              | 40 1/2     | 21 1/6 | 12 2/3 | 22 1/4 | 12 3/5 | 5 1/3 | 11 1/2 | 22     | 42 4/9 | 3/4"                         | 1"                          | 3/4"       | 1/2"         | 62                 | 76                    |
| 40    | 40              | 50 1/2     | 21 1/6 | 12 2/3 | 22 1/4 | 12 3/5 | 5 1/3 | 11 1/2 | 22     | 52 2/7 | 3/4"                         | 1"                          | 3/4"       | 1/2"         | 73                 | 88                    |
| 50    | 46.3            | 56 1/4     | 26     | 12 2/3 | 22 1/4 | 12 3/5 | 5 1/3 | 11 1/2 | 27     | 58 1/5 | 3/4"                         | 1"                          | 3/4"       | 1/2"         | 84                 | 100                   |
| 60    | 53.2            | 64         | 26     | 12 2/3 | 22 1/4 | 12 3/5 | 5 1/3 | 11 1/2 | 27     | 66     | 3/4"                         | 1"                          | 3/4"       | 1/2"         | 92                 | 110                   |
| 80    | 78.9            | 61         | 26 1/3 | 13     | 26 1/2 | 14 1/6 | 5 1/3 | 11 4/5 | 27 1/3 | 63 1/5 | 1"                           | 1"                          | 3/4"       | 1/2"         | 130                | 156                   |
| 100   | 96.4            | 73         | 26 1/3 | 13     | 26 1/2 | 14 1/6 | 5 1/3 | 11 4/5 | 27 1/3 | 75     | 1"                           | 1"                          | 3/4"       | 1/2"         | 134                | 165                   |
| 120   |                 |            |        |        |        |        |       |        |        |        |                              |                             |            |              |                    |                       |

Pending Approval

| MODEL | Heat Source Water Volume (Gal.) | Minimum Boiler Input (Btu/h) | Standby Loss °F/h | First Draw (Gallons) | 1st Hour Rating (GPH) | Continuous Draw (GPH) | Coil Flow Rate (GPM) | Coil Friction Loss (Ft. Hd) |
|-------|---------------------------------|------------------------------|-------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------------|
| 30    | 1.3                             | 120,000                      | 1                 | 25                   | 214                   | 189                   | 14                   | 2.3                         |
| 40    | 1.3                             | 122,000                      | 0.7               | 34                   | 228                   | 194                   | 14                   | 2.3                         |
| 50    | 1.6                             | 154,000                      | 0.8               | 39                   | 281                   | 242                   | 14                   | 3.4                         |
| 60    | 1.6                             | 156,000                      | 0.6               | 47                   | 293                   | 247                   | 14                   | 3.4                         |
| 80    | 2                               | 192,000                      | 0.5               | 70                   | 372                   | 302                   | 14                   | 5.3                         |
| 100   | 2                               | 192,000                      | 0.5               | 89                   | 391                   | 298                   | 14                   | 5.3                         |
| 120   |                                 |                              |                   |                      |                       |                       |                      |                             |

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\* All performance information in table based on \*AHRI Standard IWH-TS-1, Indirect-Fired Water Heater Testing Standard and supplement Method to Determine Performance of Indirect-Fired Water Heaters. IWH-TS-1 test is done under the following condition's: 180F boiler supply water to indirect coil with incoming cold domestic water at 58F and a delta T of 77F for the domestic water.