



## Highly Efficient Heat Pump Water Heater

A fully integrated, economical, energy efficient heat pump water heater. Available in 50, 65, 80, 119 gallon capacities.

**Energy Star 5.0 Certification available**

**Transfers heat from surrounding air to heat the water in the tank**

**Insulated with 3" thick CFC free polyurethane foam insulation to minimize stand-by heat loss**

**HydraStone™ tank lining ensures long tank life**

- User friendly electronic controller simplifies operation, maintenance, and troubleshooting
- Designed for simple installation and service by a professional plumber
- With no anode rod, maintenance is minimum
- Rebates available – check with AHRI/Energy Star websites
- Quiet application (54 dBA)
- Ducting capabilities available
- Four run modes
- Freeze protection

### Applications

Residential, restaurants, schools, office buildings, and much more.



### Energy Star rated water heating solution

The Hubbell Omni PBX Heat Pump Water Heater combines the latest in heat pump technology with the proven longevity of a HydraStone lined tank. Three inches of high quality, CFC-free foam insulation, adds to the Omni PBX efficiency providing the lowest standby heat-loss rating in the industry. A streamlined user interface on the controller ensures ease of use and is highly versatile. Suitable for even the coldest climates, the Omni PBX offers a low-maintenance, affordable way to take advantage of green technologies.

### Over 100 years of water heating expertise

Hubbell water heaters are the right choice for your commercial and industrial applications. We have water heating solutions for all energy sources with storage capacities from 1–10,000 gallons — all designed, engineered, and manufactured for reliability and longevity coupled with unparalleled support and service.

Energy Star rated models available.



ASME option available.



## Heater Specifications

|                                   |  |
|-----------------------------------|--|
| <b>Tank</b>                       | HydraStone Lined Steel   |
| <b>Storage</b>                    | 50, 65, 80, 119 Gallons  |
| <b>Orientation</b>                | Vertical   |
| <b>Pressure Rating:</b>           | 150 psi WP, 300 psi TP   |
| <b>Inlet Size:</b>                | 3/4" Female NPT<br>(1-1/2" standard on 119 gallon)             |
| <b>Outlet Size:</b>               | 3/4" Male NPT<br>(1-1/2" standard on 119 gallon)               |
| <b>Drain Size:</b>                | 3/4" GHT   |
| <b>Condensate Size</b>            | 3/8" Tube  |
| <b>Relief Valve Size</b>          | 3/4" Female NPT  |
| <b>Relief Valve Type</b>          | T&P, 210°F, 150 psi  |
| <b>Insulation:</b>                | 3" Polyurethane Foam   |
| <b>Jacket:</b>                    | High Impact Composite  |
| <b>Voltage:</b>                   | 208-600 Volt   |
| <b>Phase:</b>                     | Single and Three Phase   |
| <b>Frequency:</b>                 | 60 Hz  |
| <b>Elements:</b>                  | Single Phase: Copper sheathed<br>Three Phase: Incoloy sheathed |
| <b>Hi-Limit</b>                   | 190°F Manual Reset   |
| <b>Thermostat Range:</b>          | 50-160°F   |
| <b>Error Indication:</b>          | Visual and Audible   |
| <b>Child Lock Capable:</b>        | Yes  |
| <b>COP @ 70°F</b>                 | 3.55   |
| <b>Refrigerant:</b>               | R134A  |
| <b>Ozone Depleting Potential:</b> | 0  |
| <b>Global Warming Potential:</b>  | 1430   |
| <b>Over Pressure Safety:</b>      | Manual Reset   |
| <b>Field Chargeable:</b>          | No   |
| <b>Air Flow (High Fan):</b>       | 450 CFM  |
| <b>Air Flow (Low Fan):</b>        | 250 CFM  |
| <b>Temperature Range:</b>         | 35-110°F   |

**NOTE:** All single-phase PBX units will be equipped with upper and lower immersion elements, non-simultaneous only.

**Standard Warranty:** 1-year electrical components, 6-year heat pump, and 5-year vessel warranty.

**Optional Warranty:** 10-year vessel warranty (see page 10).

## Installation Requirements

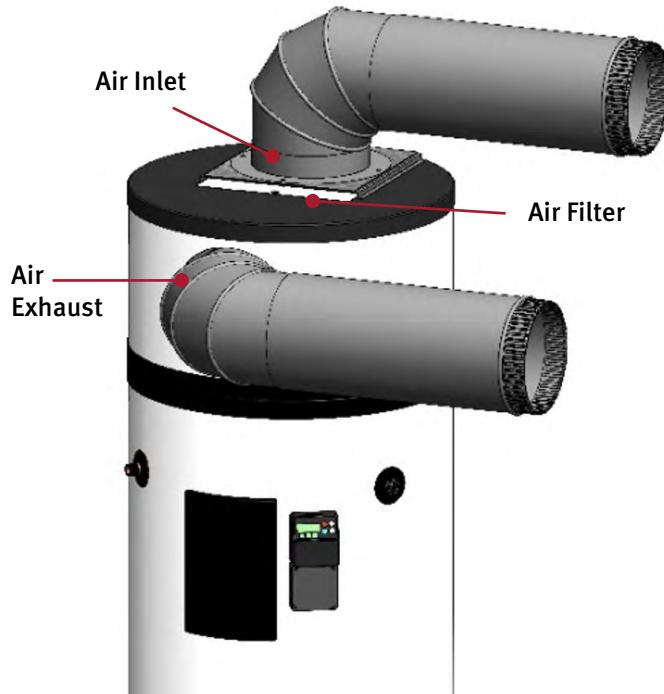
- The installed location must be at least a 10' x 10' x 7' room (700 cubic feet of air space)\*. If smaller, there must be a louver installed to provide sufficient airflow.
- The installed room location must not be cooler than 35°F.
- Installed locations with warmer ambient air temperature (e.g., furnace room) provide abundant "free" heat and are advantageous.
- The heat pump dehumidifies the air and as a result, produces condensate which must be piped to a drain, outdoors, or an appropriate condensate pump.
- The washable air filter requires periodic cleaning. Frequency depends upon environmental conditions.

\* Additional clearance required for 119 gallon

## Optional Ducting Kit

- The ducting kit is designed to work with 10-inch diameter ducting.
- To ensure maximum performance, keep the duct as short and as straight as possible. Additionally try to make all necessary bends as wide of an angle as possible.

### Example of possible ducting orientation



## How Hubbell Omni PBX Works

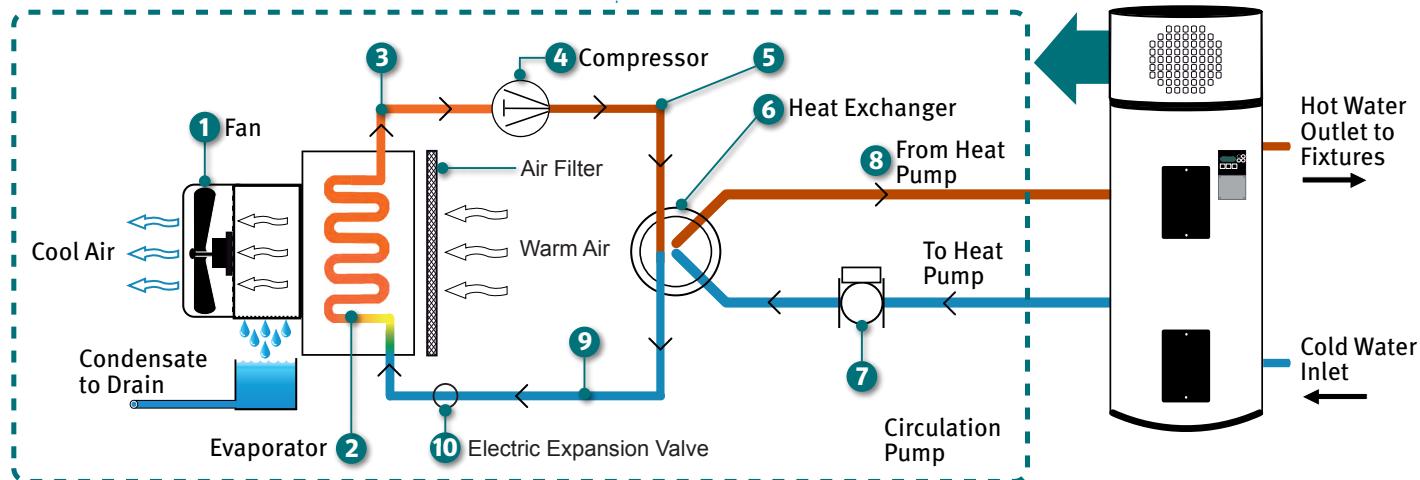
The Omni PBX is significantly more energy efficient than an electric water heater because the heat pump utilizes considerably less electricity. A heat pump works like a refrigerator in reverse. A refrigerator moves heat from inside the refrigerator and transfers it to the surrounding room; a heat pump water heater captures heat from the ambient air and transfers it to the tank, heating the water.

The Hubbell Omni PBX can capture heat from air as cool as 35° F. The process of removing heat from the air and transferring it to the water results in the exhaust of cooler, dryer air. This added benefit of dehumidifying the surrounding air can provide as much as 0.4 gallons per hour of “free” dehumidification. When ducted properly, the cool air can help support the building cooling system.

If the unit cannot provide enough heating capacity to meet demand, the back-up resistive heating elements will activate to ensure the unit provides sufficient hot water.

## The Omni PBX Step by Step Operation

1. The built in fan draws air from the room into the water heater heat pump compartment, across an evaporator coil, and exhausts cooler and slightly dryer (dehumidified) air.
2. The evaporator coil captures heat energy in the air and transfers that energy to a specially formulated, CFC free refrigerant contained within the evaporator.
3. The refrigerant changes from a liquid/gas mixture to 100% vapor as it gets warmer.
4. The refrigerant, now entirely vapor, exits the evaporator and passes into a compressor.
5. The vapor is compressed, causing it to become a superheated hot gas and then flows to the heat exchanger.
6. The heat exchanger transfers heat energy from the superheated hot gas to the cold water from the tank.
7. The pump circulates cold water from the tank through the heat exchanger in the upper unit, resulting in a continuous transfer of heat energy from the superheated gas to the water.
8. Hot water exits the heat exchanger and is stored in the tank.
9. The superheated gas condenses back to a liquid.
10. The liquid refrigerant expands when passing through the expansion valve, becoming a vapor/liquid mixture, and then waits to repeat the process.

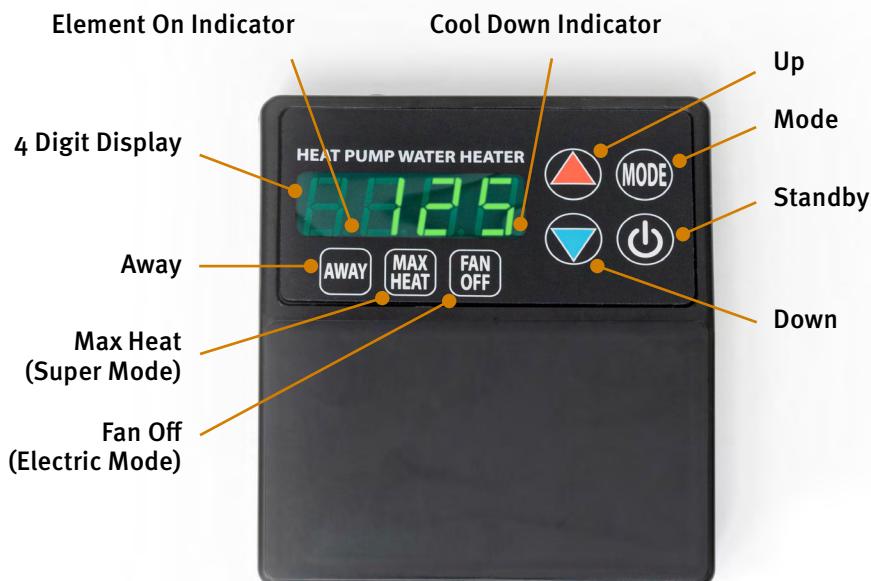


## Selectable Operating Modes

|                      |  |
|----------------------|--|
| <b>Economy Mode</b>  | In the Economy Mode the heat pump provides all of the heating capacity. This is typically the mode with the lowest operating cost.   |
| <b>Hybrid Mode</b>   | This mode optimizes both efficiency and user experience. It is the default setting. In the Hybrid Mode the heat pump provides the vast majority of the heating capacity and automatically switches to the electric resistance heater mode only when necessary to meet high demand or to optimize efficiency. |
| <b>Electric Mode</b> | The Electric Mode tells the heater to operate using only the electric resistance elements and to operate like a traditional electric water heater. The heat pump is not used in this mode.   |
| <b>Super Mode</b>    | This mode allows both the heat pump and the electric resistance elements to operate simultaneously. Due to this simultaneous operation, Super Mode provides the fastest recovery option possible.  |

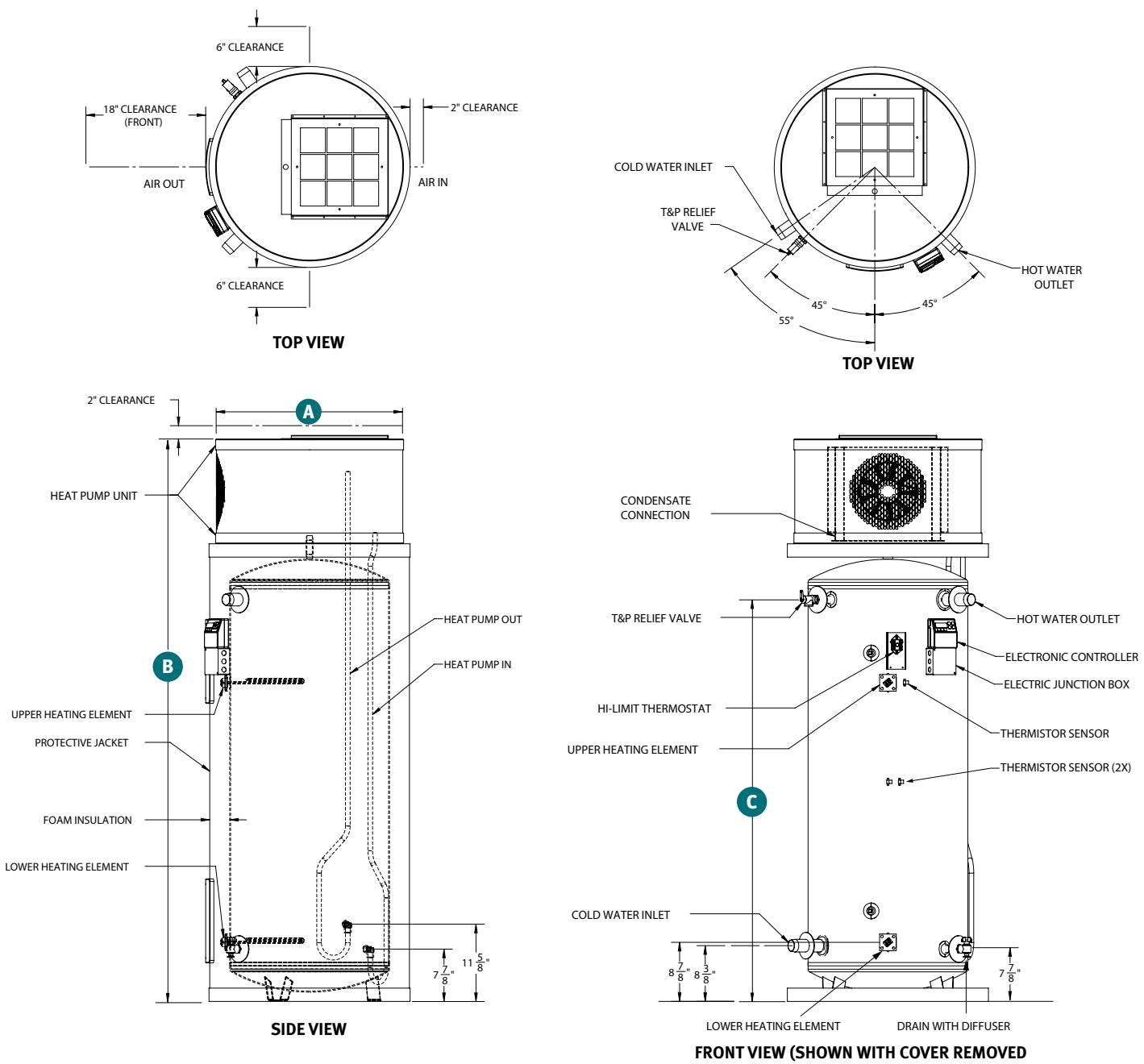
## Temporary Modes

|                      |  |
|----------------------|--|
| <b>Vacation Mode</b> | This mode prevents the heater from heating (regardless of what mode it is in) as a way to improve efficiency during long periods of non usage (i.e. vacation). In Vacation Mode the only time the heater will operate is if the unit is in danger of freezing. The user sets the number of days to be in Vacation Mode (adjustable from 2 to 99 days or Off), and the unit resumes its previous mode of operation at the end of this period. |
| <b>Max Heat</b>      | By using the Max Heat button, you will maximize the heating capacity by temporarily putting the heater into Super Mode.  |
| <b>Fan Off</b>       | By using the Fan Off button, you will temporarily lower the fan speed which reduces the airflow and minimizes operating noise. Pressing the button twice temporarily disables the fan for a programmable amount of time.   |



## Dimensions

Sample dimensions are for a PBX120-3.8-3.8SLS



## Omni PBX Dimensional Data

All information is subject to change without notice. Consult factory for submittal drawings.

| Storage Capacity (Gallons) | Base Model Number | Dimensions (inches) |                  |                              | Shipping Weight (lbs.) |
|----------------------------|-------------------|---------------------|------------------|------------------------------|------------------------|
|                            |                   | Overall Diameter A  | Overall Height B | Floor to T&P and HW Outlet C |                        |
| 50                         | PBX50             | 28                  | 58.25            | 33.875                       | 325                    |
| 65                         | PBX65             | 28                  | 63.75            | 39.375                       | 365                    |
| 80                         | PBX80             | 28                  | 74               | 49.875                       | 440                    |
| 119                        | PBX120            | 30                  | 84.5             | 60.375                       | 525                    |

## kW and Amperage Selection Charts

**50 Gallon kW and Amperage** (Amperage shown in chart below indicates available models)

| kW   | Recovery<br>(GPH) | 1 Phase Voltages |     |     |     | 3 Phase Voltages |     |     |     |     |
|------|-------------------|------------------|-----|-----|-----|------------------|-----|-----|-----|-----|
|      |                   | 208              | 240 | 277 | 480 | 208              | 240 | 380 | 480 | 600 |
| 1    | 4                 | 7                | 7   | 6   |     |                  |     |     |     |     |
| 1.5  | 6                 | 10               | 9   | 8   | 5   |                  |     |     |     |     |
| 2    | 8                 | 12               | 11  | 10  | 7   | 8                |     |     |     |     |
| 2.5  | 10                | 14               | 13  | 11  | 8   |                  |     |     |     |     |
| 3    | 12                | 17               | 15  |     | 9   | 11               |     |     |     |     |
| 3.8  | 14                | 21               | 18  | 16  | 10  |                  |     |     |     |     |
| 4    | 16                | 22               | 19  | 17  | 11  | 14               | 12  |     | 7   |     |
| 4.5  | 18                | 24               | 21  | 19  | 12  |                  |     |     |     |     |
| 5    | 21                | 26               | 23  | 20  | 13  | 16               | 14  |     | 8   |     |
| 6    | 25                | 31               | 27  | 24  | 15  | 19               | 17  |     | 10  |     |
| 7    | 29                |                  |     |     |     |                  |     |     |     |     |
| 8    | 33                | 41               | 36  | 31  |     | 25               | 22  |     | 12  |     |
| 9    | 37                |                  |     |     |     |                  |     |     |     |     |
| 10   | 41                |                  | 44  | 38  |     |                  | 27  |     | 14  |     |
| 12.5 | 51                |                  | 54  |     |     |                  | 33  |     |     | 14  |
| 13   | 53                |                  |     |     |     |                  |     | 22  | 18  | 15  |
| 14   | 57                |                  |     |     | 32  |                  |     |     |     |     |
| 15   | 61                | 74               |     |     |     | 44               |     |     |     |     |
| 16   | 66                |                  | 69  |     |     |                  | 41  |     |     |     |
| 17   | 70                |                  |     | 64  |     |                  |     | 28  | 23  | 19  |
| 20   | 82                |                  | 86  |     |     |                  | 51  |     |     |     |
| 21   | 86                |                  |     | 78  |     |                  |     |     | 28  | 23  |
| 26   | 106               |                  |     |     |     |                  |     |     |     | 28  |
| 27   | 111               |                  |     |     |     |                  |     |     | 35  |     |

**Note:**

- For alternative voltages, including 220, 415, 440, 460 volt, please consult factory for available kW selection.
- Amperage ratings reflect FLA in Super Mode

**65 Gallon kW and Amperage (Amperage shown in chart below indicates available models)**

| kW          | Recovery<br>(GPH) | 1 Phase Voltages |     |     |     | 3 Phase Voltages |     |     |     |     |
|-------------|-------------------|------------------|-----|-----|-----|------------------|-----|-----|-----|-----|
|             |                   | 208              | 240 | 277 | 480 | 208              | 240 | 380 | 480 | 600 |
| <b>1</b>    | 4                 | 7                | 7   | 6   |     |                  |     |     |     |     |
| <b>1.5</b>  | 6                 | 10               | 9   | 8   | 5   |                  |     |     |     |     |
| <b>2</b>    | 8                 | 12               | 11  | 10  | 7   | 8                |     |     |     |     |
| <b>2.5</b>  | 10                | 14               | 13  | 11  | 8   |                  |     |     |     |     |
| <b>3</b>    | 12                | 17               | 15  |     | 9   | 11               |     |     |     |     |
| <b>3.8</b>  | 14                | 21               | 18  | 16  | 10  |                  |     |     |     |     |
| <b>4</b>    | 16                | 22               | 19  | 17  | 11  | 14               | 12  |     | 7   |     |
| <b>4.5</b>  | 18                | 24               | 21  | 19  | 12  |                  |     |     |     |     |
| <b>5</b>    | 21                | 26               | 23  | 20  | 13  | 16               | 14  |     | 8   |     |
| <b>6</b>    | 25                | 31               | 27  | 24  | 15  | 19               | 17  |     | 10  |     |
| <b>7</b>    | 29                |                  |     |     |     |                  |     |     |     |     |
| <b>8</b>    | 33                | 41               | 36  | 31  |     | 25               | 22  |     | 12  |     |
| <b>9</b>    | 37                |                  |     |     |     |                  |     |     |     |     |
| <b>10</b>   | 41                |                  | 44  | 38  |     |                  | 27  |     | 14  |     |
| <b>12.5</b> | 51                |                  | 54  |     | 28  |                  | 33  |     |     | 14  |
| <b>13</b>   | 53                |                  |     |     |     |                  |     | 22  | 18  | 15  |
| <b>14</b>   | 57                |                  |     |     | 32  | 41               | 36  |     |     |     |
| <b>15</b>   | 61                | 74               |     |     | 34  | 44               |     |     |     |     |
| <b>16</b>   | 66                |                  | 69  |     | 36  |                  | 41  | 27  | 22  |     |
| <b>17</b>   | 70                |                  |     | 64  |     |                  |     | 28  | 23  | 19  |
| <b>18</b>   | 74                | 89               |     |     |     | 53               |     |     |     |     |
| <b>19</b>   | 78                |                  |     |     | 42  |                  | 48  | 31  | 25  |     |
| <b>20</b>   | 82                |                  | 86  |     |     |                  | 51  | 33  |     |     |
| <b>21</b>   | 86                |                  |     | 78  |     | 61               |     |     | 28  | 23  |
| <b>24</b>   | 98                |                  |     |     |     |                  | 60  | 39  |     |     |
| <b>25</b>   | 102               |                  |     |     | 54  |                  |     |     | 33  |     |
| <b>26</b>   | 106               |                  |     |     |     |                  |     |     |     | 28  |
| <b>27</b>   | 111               |                  |     |     |     |                  |     |     | 35  |     |
| <b>29</b>   | 119               |                  |     |     |     | 83               | 73  |     |     |     |
| <b>31</b>   | 127               |                  |     |     | 67  |                  |     |     |     |     |
| <b>32</b>   | 131               |                  |     |     |     |                  |     | 51  | 41  |     |
| <b>38</b>   | 156               |                  |     |     |     |                  | 94  | 60  | 48  |     |

**Note:**

- For alternative voltages, including 220, 415, 440, 460 volt, please consult factory for available kW selection.
- Amperage ratings reflect FLA in Super Mode

All information is subject to change without notice. Consult factory for submittal drawings.

**80 and 119 Gallon kW and Amperage**
*(Amperage shown in chart below indicates available models)*

| kW          | Recovery<br>(GPH) | 1 Phase Voltages |     |     |     | 3 Phase Voltages |     |     |     |     |
|-------------|-------------------|------------------|-----|-----|-----|------------------|-----|-----|-----|-----|
|             |                   | 208              | 240 | 277 | 480 | 208              | 240 | 380 | 480 | 600 |
| <b>1</b>    | 4                 | 7                | 7   | 6   |     |                  |     |     |     |     |
| <b>1.5</b>  | 6                 | 10               | 9   | 8   | 5   |                  |     |     |     |     |
| <b>2</b>    | 8                 | 12               | 11  | 10  | 7   | 8                |     |     |     |     |
| <b>2.5</b>  | 10                | 14               | 13  | 11  | 8   |                  |     |     |     |     |
| <b>3</b>    | 12                | 17               | 15  |     | 9   | 11               |     |     |     |     |
| <b>3.8</b>  | 14                | 21               | 18  | 16  | 10  |                  |     |     |     |     |
| <b>4</b>    | 16                | 22               | 19  | 17  | 11  | 14               | 12  |     | 7   |     |
| <b>4.5</b>  | 18                | 24               | 21  | 19  | 12  |                  |     |     |     |     |
| <b>5</b>    | 21                | 26               | 23  | 20  | 13  | 16               | 14  |     | 8   |     |
| <b>6</b>    | 25                | 31               | 27  | 24  | 15  | 19               | 17  |     | 10  |     |
| <b>7</b>    | 29                |                  |     |     |     |                  |     |     |     |     |
| <b>8</b>    | 33                | 41               | 36  | 31  |     | 25               | 22  |     | 12  |     |
| <b>9</b>    | 37                |                  |     |     |     |                  |     |     |     |     |
| <b>10</b>   | 41                |                  | 44  | 38  |     |                  | 27  |     | 14  |     |
| <b>12.5</b> | 51                |                  | 54  |     | 28  |                  | 33  | 21  |     | 14  |
| <b>13</b>   | 53                |                  |     | 49  | 29  |                  |     | 22  | 18  | 15  |
| <b>14</b>   | 57                | 70               |     |     | 32  | 41               | 36  |     |     |     |
| <b>15</b>   | 61                | 74               | 65  |     | 34  | 44               | 39  |     |     |     |
| <b>16</b>   | 66                |                  | 69  | 60  | 36  |                  | 41  | 27  | 22  |     |
| <b>17</b>   | 70                |                  |     | 64  |     |                  |     | 28  | 23  | 19  |
| <b>18</b>   | 74                | 89               |     |     |     | 53               |     |     |     |     |
| <b>19</b>   | 78                |                  | 82  |     | 42  |                  | 48  | 31  | 25  | 21  |
| <b>20</b>   | 82                |                  | 86  | 75  | 44  |                  | 51  | 33  | 27  |     |
| <b>21</b>   | 86                |                  |     | 78  |     | 61               |     |     | 28  | 23  |
| <b>23</b>   | 94                | 113              |     |     |     | 67               |     | 38  |     |     |
| <b>24</b>   | 98                |                  | 102 |     | 52  |                  | 60  |     |     |     |
| <b>25</b>   | 102               |                  |     | 93  | 54  |                  |     | 41  | 33  | 27  |
| <b>26</b>   | 106               |                  |     |     |     |                  |     |     |     | 28  |
| <b>27</b>   | 111               | 132              |     |     |     | 78               |     |     | 35  |     |
| <b>29</b>   | 119               |                  |     |     | 63  | 83               | 73  |     |     |     |
| <b>30</b>   | 123               |                  | 127 |     |     |                  | 75  | 48  |     |     |
| <b>31</b>   | 127               |                  |     |     | 67  |                  |     |     |     | 32  |
| <b>32</b>   | 131               |                  |     | 118 |     | 92               |     | 51  | 41  |     |
| <b>36</b>   | 147               |                  |     |     |     |                  | 90  | 57  |     |     |
| <b>38</b>   | 156               |                  |     |     | 82  |                  | 94  | 60  | 48  |     |
| <b>39</b>   | 160               |                  |     |     |     |                  |     |     |     | 40  |
| <b>41</b>   | 168               |                  |     |     |     |                  |     |     | 52  |     |
| <b>43</b>   | 176               |                  |     |     |     | 123              | 107 |     |     |     |
| <b>46</b>   | 188               |                  |     |     | 98  |                  |     |     |     |     |
| <b>48</b>   | 197               |                  |     |     |     |                  |     | 76  | 60  |     |
| <b>57</b>   | 233               |                  |     |     |     |                  | 140 |     | 71  |     |
| <b>58</b>   | 237               |                  |     |     |     |                  |     | 91  |     |     |

**Notes:**

- Units 41 kW and over are supplied with 1-1/2" Male NPT inlet/outlet connections and immersion hi-limit.
- For alternative voltages, including 220, 415, 440, 460 volt, please consult factory for available kW selection.
- Amperage ratings reflect FLA in Super Mode

All information is subject to change without notice. Consult factory for submittal drawings.

## Hubbell Omni PBX Energy Facts



The Hubbell Omni PBX can be built to meet or exceed American National Standards Institute (ANSI) requirements and has been tested according to D.O.E. test procedures. With specific specifications it can meet or exceed the requirements of the National Appliance Energy Conservation Act (NAECA), efficiency ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

### Annual Energy Consumption at 67.5°F Ambient Air

| Model               | Annual Energy Consumption kWh |
|---------------------|-------------------------------|
| <b>PBX50</b>        | 938                           |
| 50 gallon electric  | 3500                          |
| <b>PBX65</b>        | 974                           |
| 65 gallon electric  | 4445                          |
| <b>PBX80</b>        | 1424                          |
| 80 gallon electric  | 5390                          |
| <b>PBX120</b>       | 1376                          |
| 120 gallon electric | 5500                          |

Note: Ratings are not AHRI Certified



### Recovery Rating (GPH) at 67.5°F Ambient Air

| Recovery Capacity (Gallons per Hour for Omni PBX Heat Pump) |        |                                     |      |      |      |      |       |       |       |       |       |
|---|--------|-------------------------------------|------|------|------|------|-------|-------|-------|-------|-------|
| Heating Power   |        | Water Temperature Rise (Degrees °F) |      |      |      |      |       |       |       |       |       |
| Wattage   | BTU/Hr | 100                                 | 90   | 80   | 70   | 60   | 50    | 40    | 30    | 20    | 10    |
| 1,400   | 4,777  | 5.73                                | 6.36 | 7.16 | 8.18 | 9.55 | 11.46 | 14.32 | 19.09 | 28.64 | 57.28 |

### Heat Pump Ratings

| AHRI CERTIFIED |                  |                      |            |      |           | RATINGS NOT AHRI CERTIFIED   |      |             |     |
|----------------|------------------|----------------------|------------|------|-----------|------------------------------|------|-------------|-----|
| Model          | Nominal Capacity | Rated Storage Volume | First Hour | UEF  | Usage Bin | Cold Climate Efficiency(CCE) | NEEA | Sound Level | CTA |
|                | GALLONS          | GALLONS              | GPH        |      |           |                              |      |             | dBA |
| <b>PBX50</b>   | 50               | 47                   | 58         | 3.46 | Medium    | N/A                          | N/A  | 54          | No  |
| <b>PBX65</b>   | 65               | 57                   | 70         | 3.34 | Medium    | N/A                          | N/A  | 54          | No  |
| <b>PBX80</b>   | 80               | 74                   | 86         | 3.48 | High      | N/A                          | N/A  | 54          | No  |
| <b>PBX120</b>  | 119              | 109                  | 105        | 3.38 | High      | N/A                          | N/A  | 54          | No  |

All information is subject to change without notice. Consult factory for submittal drawings.

## Omni PBX Model Number Designation

| MODEL      | BASE MODEL NUMBER | STYLE                           | UPPER ELEMENT kW  | LOWER ELEMENT kW | TANK   | VOLTAGE / PHASE*   | OPTIONAL EQUIPMENT  |
|------------|-------------------|---------------------------------|---|------------------|--|--|---|
| <b>PBX</b> | 50                | <i>Leave blank for standard</i> | 0 – 19 kW<br>(For all 3-phase applications, the upper element will always be 0) | 1 – 58 kW        | <b>SL</b> = HydraStone cement lined tank   | <b>RS</b> = 208/1<br><b>S</b> = 240/1<br><b>T4S</b> = 480/1  | Write/type optional equipment code in the gray box below in alphabetical order. For multiple options separate codes with a dash (-) |
|            | 65                |                                 |   |                  | <b>CN</b> = Solid copper-nickel tank   | <b>R</b> = 208/3*<br><b>T</b> = 240/3*<br><b>T4</b> = 480/3* |   |
|            | 80                |                                 |   |                  | <b>SS</b> = Stainless steel 316L   |  |   |
|            | 120               | <b>A</b> = ASME                 |   |                  | <i>CN and SS tanks come standard with galvan-neal jacket and fiber-glass insulation.</i> |  |   |

**PBX**

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### Example: PBX80A-0-5SLT4-V10

Hubbell Omni PBX heat pump water heater with 80 gallon storage tank, ASME stamped and registered, 5 kW lower element, Hydrastone cement lined tank, 480 V, 3-phase heating elements, with optional 1-1/2" male NPT inlet and outlet water connections.

## Optional Equipment

*Optional equipment must be called out in the written specifications, use the codes below.*

### Electrical

**Note:** Alternate voltages (1 or 3 phase), alternate wattages available. Please consult factory

### Controls

**C34** BACnet Communication Module with ETC Controller

### Heat Exchanger

**H8** Additional single wall indirect coil installed in tank  
**H9** Additional double wall indirect coil installed in tank

### Vessel

**V1** NSF5 Approved Legs  
**V10** 1-1/2" Male NPT inlet and outlet water connections (standard on 119 gallon)

**Please note:** Optional equipment may impact overall dimensions and weight. Please request submittal drawing from factory.

## Available Accessories

**Condensate Pump:** A condensate pump to remove and lift condensate to drain, specify part number "CONDENSATE PUMP 115V"

**Ducting Kit:** When the heat pump is ducted, air will move efficiently throughout a ducted building. "900-00010-00"

**10-year Warranty\*:** 10-year non pro-rated tank warranty, specify part number "VESSEL WARRANTY"

**Accessories Name**

**Part #**

**Accessories Name**

**Part #**

**Accessories Name**

**Part #**

**\*Note:** 10- year warranty is standard for residential. 5-year is standard for commercial (1- year electrical components, 6-year heat pump, and 5-year vessel warranty)

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