

# UNIFORM PRESSURE CENTRIFUGAL PUMPS

DEAN BENNETT SUPPLY CO

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YOUR NET COSTS

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When you turn on the water tap, do you get all the water and pressure you need?

With these Davey multi stage centrifugal pumps, you will.

The Torrium Controller valve is the brains behind how this pump provides uniform pressure and a constant ready flow of water to you.



**3/4 HP**  
**#BT2030**  
**\$ 645.00**

**1 HP**  
**#BT2040**  
**\$ 670.00**

**2 HP**  
**HS2065HT2**  
**\$ 980.00**

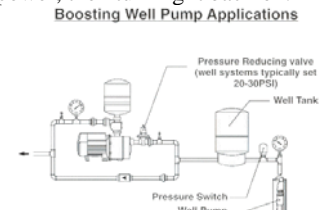
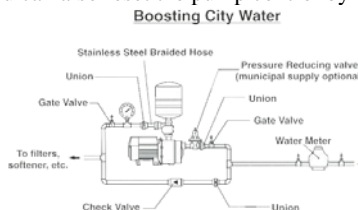
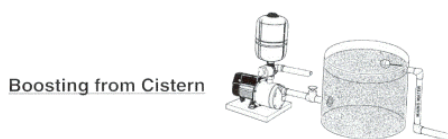
Pump Model	Discharge Pressure in PSI	Capacity in US Gallons per minute						Maximum Pressure Increase
		Suction Lift in Feet						
		0	5	10	15	20	25	
<b>BT2030</b>								
<b>3/4 HP</b>	<b>30</b>	<b>19.0</b>	<b>18.0</b>	<b>16.0</b>	<b>13.0</b>	<b>11.0</b>	<b>10.0</b>	<b>50 psi</b>
<b>115V</b>	<b>40</b>	<b>10.0</b>	<b>9.0</b>	<b>6.0</b>	<b>2.0</b>			
<b>BT2040</b>	<b>40</b>	<b>19.5</b>	<b>18.5</b>	<b>17.5</b>	<b>17.0</b>	<b>16.5</b>	<b>16.0</b>	
<b>1 HP</b>	<b>50</b>	<b>16.0</b>	<b>15.5</b>	<b>14.5</b>	<b>13.5</b>	<b>12.5</b>	<b>11.5</b>	<b>76 psi</b>
<b>230V</b>	<b>60</b>	<b>12.0</b>	<b>10.5</b>	<b>9.5</b>	<b>8.0</b>	<b>6.0</b>	<b>4.0</b>	
<b>HS2065HT2</b>	<b>20</b>	<b>32.0</b>						
<b>2 HP</b>	<b>40</b>	<b>26.8</b>						<b>100 psi</b>
<b>230V</b>	<b>60</b>	<b>21.3</b>						
	<b>80</b>	<b>13.2</b>						

The BT2030, 3/4 hp 115V centrifugal pump has 3 stages of impellers to develop higher pressure and uniform water flow. Ideal for a large home, where water demand exceeds the ability of your well pump to provide the flow and pressure you need. Works well with municipal water supply where lots of water is available but the pressure is not. You can also use this pump with a cistern to provide pressure to your home. These pressure booster pumps can also be used in conjunction with a well pump that produces lots of water, but not the pressure desired. Economical to run, the 3/4 hp pump uses 10 amps of power at full load. Suction for BT2030 model is 1-1/4" and discharge is 1". This pump uses the Torrium controller to prevent running dry while providing even pressure.

The BT2040, 1 hp 230V with 4 stages of impellers, pump is excellent for 2 story homes and where long runs exist. This model uses only 5 amps of power at full load. Suction for BT2040 model is 1" and discharge is 1". This pump uses the Torrium controller to prevent running dry while providing even pressure.

The HS2065HT2 uses the hydrascan valve which eliminates power cycling. It operates on the basis of sensing pressure to switch the pump on, using a built in diaphragm type pressure switch. The hydrascan will also sense flow, and will turn off the pump when flow drops below 1/2 gallon per minute. The hydrascan has a stainless steel plate in it that the water flows past. On the back of the plate, are 2 sensors. A small heater is positioned near one sensor. When flow drops down to 1/2 gpm, the heater will warm the sensor, and the other sensor being a different temperature, will cause the pump to shut down.

There is a yellow button on the hydrascan valve that is used to reset the pump when it has powered off due to low water flow. It can also be used to prime the pump, since the pump will run when it is depressed. You can also reset the pump control by turning off the power, then turning it back on.



With city water systems, pressure must be reduced to 30 psi max. Use pressure reducing valve #10BPRV \$ 102.50

12/10/2007