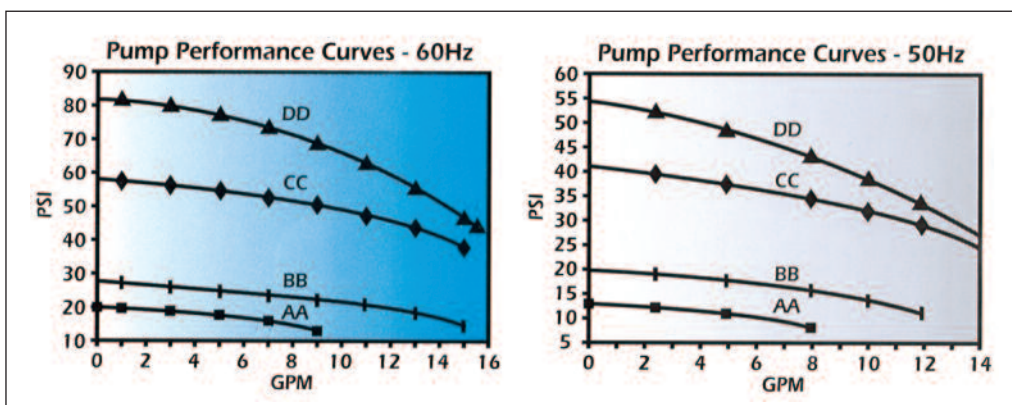


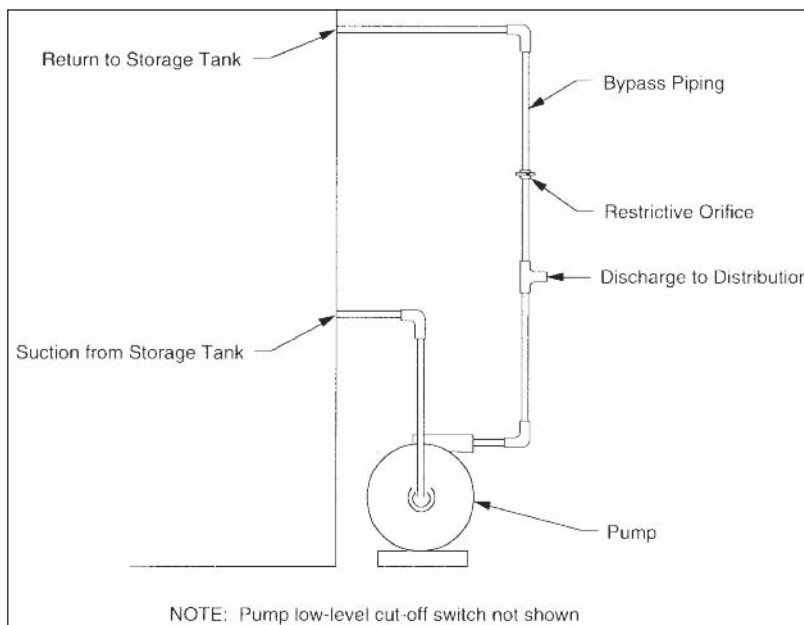
# Thermo Scientific Barnstead Distribution Pumps

## Description

- Thermo Scientific Barnstead Distribution Pumps are used with purified water storage tanks when it is necessary to keep the pure water under pressure for delivery to locations above the tank level or at greater than gravity flow pressure.
- Choose from four sizes.
- Includes pump bypass with restrictive orifice for tank.
- Includes low-level cutoff switch to turn pump off when storage tank water is low.
- Purity is maintained with nonreactive wetted parts.
- Heavy duty, totally enclosed, split-phase induction motor.
- Motor starters not included; all external wiring by customer.
- Bypass piping is precut to fit on tin-lined tanks only.



Distribution Pump



## Thermo Scientific Barnstead Distribution Pumps

|                            | Models     |                |            |                |            |                |            |                |
|----------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
|                            | H1110      | H1112          | H1120      | H1122          | H1130      | H1132          | H1140      | H1142          |
| <b>Description</b>         | Tin Bypass | Plastic Bypass | Tin Bypass | Plastic Bypass | Tin Bypass | Plastic Bypass | Tin Bypass | Plastic Bypass |
| <b>Pump Size</b>           | AA         | AA             | BB         | BB             | CC         | CC             | DD         | DD             |
| <b>Pump Part Number</b>    | 01398      | 01398          | 01429      | 01429          | 01430      | 01430          | 01431      | 01431          |
| <b>Pump Suction</b>        | 1/2"       | 1/2"           | 3/4"       | 3/4"           | 3/4"       | 3/4"           | 3/4"       | 3/4"           |
| <b>Pump Discharge</b>      | 1/4"       | 1/4"           | 1/2"       | 1/2"           | 1/2"       | 1/2"           | 1/2"       | 1/2"           |
| <b>Distribution Outlet</b> | 3/4"       | 3/4"           | 3/4"       | 3/4"           | 3/4"       | 3/4"           | 3/4"       | 3/4"           |
| <b>Bypass Return</b>       | 1/4"       | 1/4"           | 1/4"       | 1/4"           | 1/4"       | 1/4"           | 1/4"       | 1/4"           |
| <b>Pump Motor HP</b>       | 1/3 HP     | 1/3 HP         | 1/2 HP     | 1/2 HP         | 1 HP       | 1 HP           | 1 1/2 HP   | 1 1/2 HP       |
| <b>Speed (rpm)</b>         | 3450       | 3450           | 3450       | 3450           | 3450       | 3450           | 3450       | 3450           |
| <b>VAC</b>                 | 115/230    | 115/230        | 115/230    | 115/230        | 115/230    | 115/230        | 230/460    | 230/460        |
| <b>Frequency (Hz)</b>      | 50/60      | 50/60          | 50/60      | 50/60          | 50/60      | 50/60          | 50/60      | 50/60          |
| <b>Phase</b>               | 1          | 1              | 1          | 1              | 1          | 1              | 3          | 3              |

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