

DAVEY LOW FLOW WATER PACKAGE

Model Number: LFW14-45 & LFW20-40

DEPEND ON
DAVEY

WATER PRODUCTS

LOW FLOW WATER PACKAGE

THE CONCEPT

The solution to insufficient flow from your well or municipal water supply. The Davey low water flow package is designed to improve water flow when you are limited by a flow from your well or mains supply system. It provides water storage for peak usage times.

HOW MUCH STORAGE?

Calculate what your peak flow requirement is and the duration of the peak. Find out how much water you have available from the well or mains supply. For example, assume a peak flow requirement of 10 gpm for a period of 10 minutes and a well or mains supply of 3 gpm. The total deficit will be the peak flow required minus the available flow from the well or mains, then multiplied by the time of peak flow. The tank capacity must exceed this deficit amount.

Calculate your total deficit, in the above case we have a deficit of 7 gpm (usage rate of 10 gpm minus 3 gpm incoming). Multiply the deficit by the duration of your peak flow, in this case $7 \times 10 = 70$ gallons storage to supply enough water for your peak period.



DESIGN FEATURES

LFW14-45

BT14-45 pump (14gpm @ 45 PSI) 110V
225 gallon tank
3/4" float valve
1 x 3/4" tank fitting for incoming line (installation required)
1 x 2" tank fitting for overflow (installation required)

LFW20-40

BT20-40 pump (14gpm @ 55 PSI) 220V
225 gallon tank
3/4" float valve
1 x 3/4" tank fitting for incoming line (installation required)
1 x 2" tank fitting for overflow (installation required)

BENEFITS

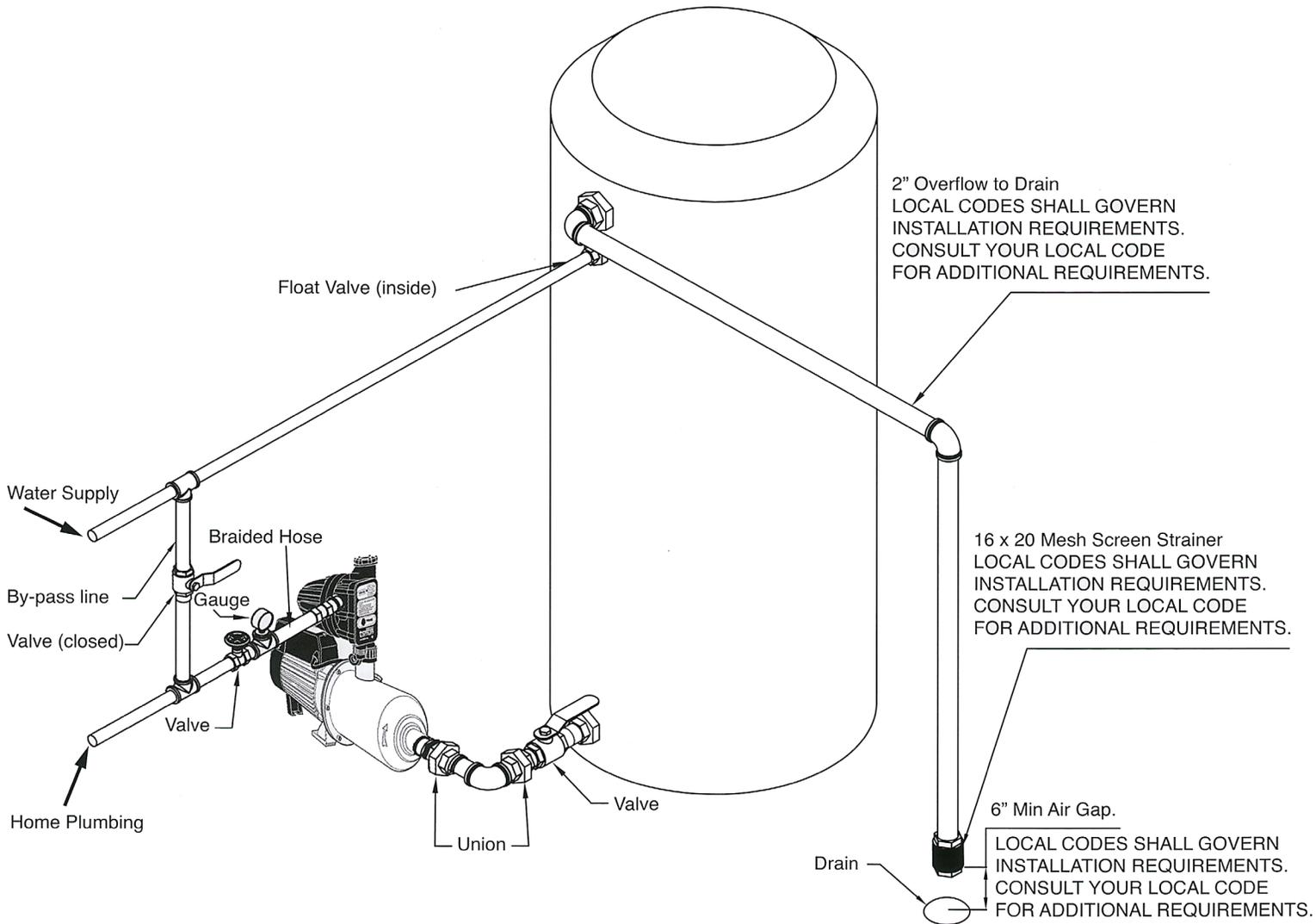
- You are not restricted to the output of your well or mains supply.
- The Davey pump with Torrium gives you strong, even water pressure and loss of prime protection.
- No pump cycling means a constant pressure in your shower.
- 225 gallon tank fits through 32" doorway.
- Tank meets FDA standards for potable water.
- Package comes complete with tank, tank fittings, float valve and pump.
- Tank diameter 31" x 73" high.

Extra tanks available if additional storage required.



TECHNICAL SPECIFICATIONS

Before installing read the Pump Installation and Operating Instructions manual carefully. Failures caused by incorrect installation or operations are not covered by the warranty. Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted in accordance with the latest edition of the Uniform Plumbing Code.



This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation and Operating Instructions. This data sheet must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice.
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