

# DAVEY LOW FLOW WATER PACKAGE

Models: LFW12-40, LFW18-40

DEPEND ON  
**DAVEY**

**PUMPS**

## 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 low 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. For example, a peak of 10 gpm for a period of 10 minutes.

Find out how much water you have available from the well or mains supply. For example 3 gpm.

Calculate your total deficit, in the above case we have a deficit of 7 gpm (use 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. you would need a minimum of 70 gallons storage to supply enough water for your peak period.



### DESIGN FEATURES

#### **LFW12-40**

HS12-40HT1 pump (12gpm @ 40 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)

#### **LFW18-40**

HS18-40HT2 pump (12gpm @ 56 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)

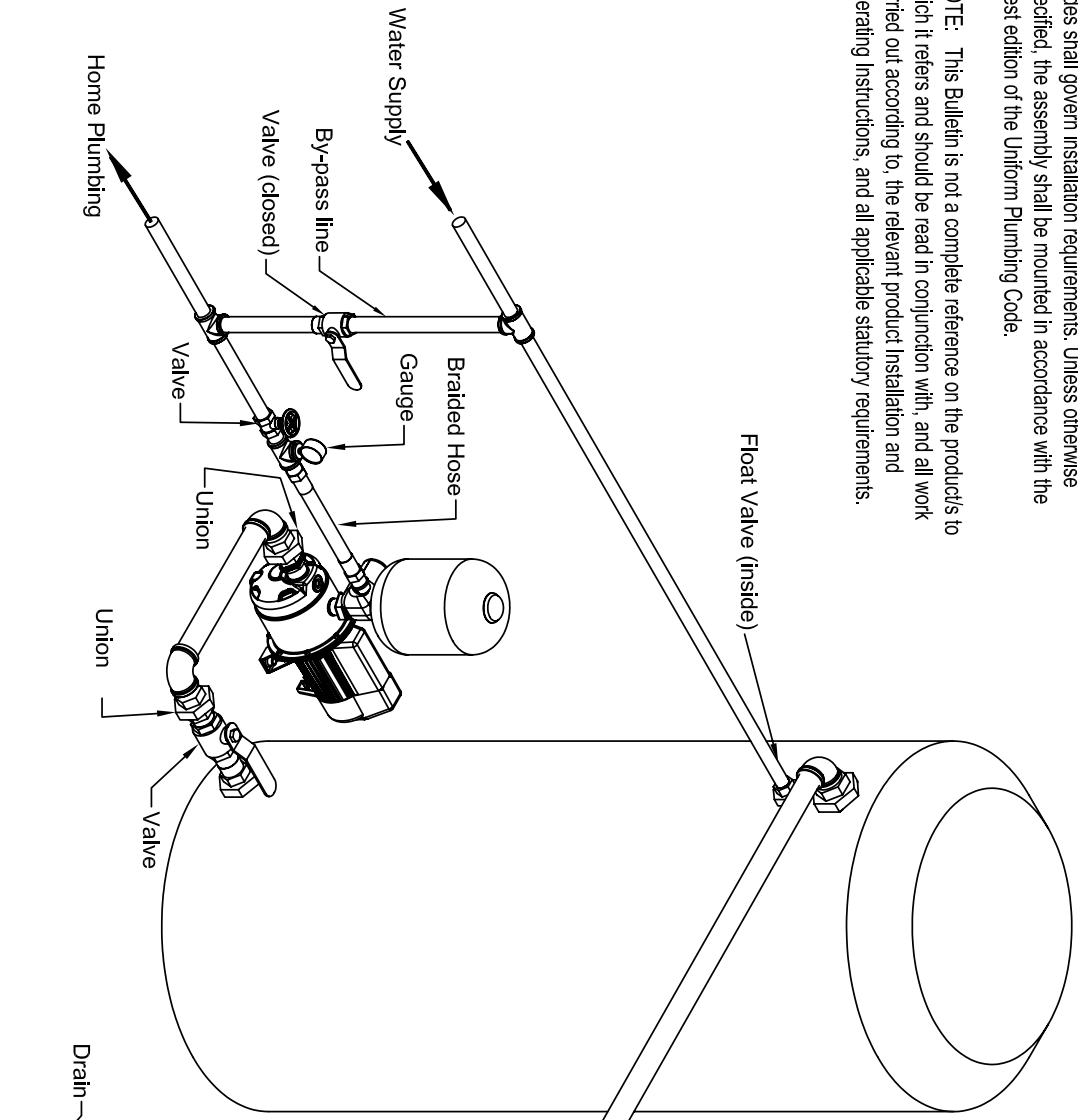
*Extra tanks available if additional storage required.*

### BENEFITS

- You are not restricted to the output of your well or mains supply.
- The Davey pump with Hydrscan 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.

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.

NOTE: This Bulletin is not a complete reference on the products to which it refers and should be read in conjunction with, and all work carried out according to, the relevant product Installation and Operating Instructions, and all applicable statutory requirements.



2" Overflow to Drain  
 LOCAL CODES SHALL GOVERN  
 INSTALLATION REQUIREMENTS.  
 CONSULT YOUR LOCAL CODE  
 FOR ADDITIONAL REQUIREMENTS.

16 x 20 Mesh Screen Strainer  
 LOCAL CODES SHALL GOVERN  
 INSTALLATION REQUIREMENTS.  
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6" Min Air Gap  
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 FOR ADDITIONAL REQUIREMENTS

HS Plumbing - Holding Tank	DAVEY PRODUCTS PTY.LTD.
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