

### **AFM100**



#6 Universal couplers



#12 Universal couplers

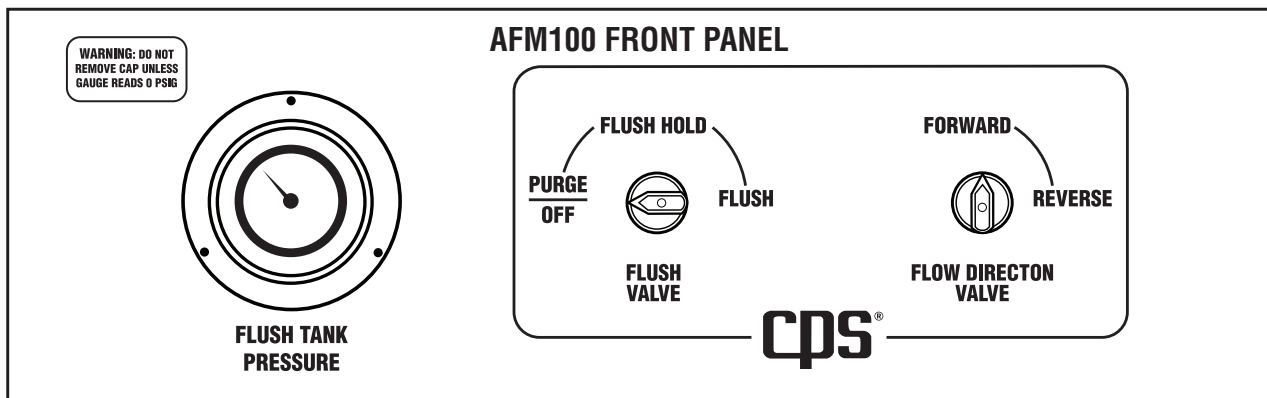
#### **KEY FEATURES**

- Powered by shop air
- Air purge
- Forward or reverse flush without changing hoses
- Simple two step operation with a single connection
- Easy to connect quick couplers fit evaporators, condensers and hose connections
- 8' clear braided hoses

**FLUSH PROCEDURE:** CPS Products, Inc. recommends flushing the A/C system any time the compressor is replaced or system contamination is suspected. This procedure is necessary to remove contaminants generated by a failed or worn compressor. A/C system contaminants are the major cause of replacement compressor failures. The preferred method of A/C system cleaning is the use of a closed loop flushing system. A flushing machine, such as the **AFM100**, is highly recommended for a more complete and thorough cleanup procedure.

An alternate method of system cleaning is the use of a flush gun and shop air. This method does not move enough liquid flush to properly remove contaminants.

**INDIVIDUAL FLUSHING:** The condenser is the primary receptacle of compressor generated contamination. The condenser should be flushed in the **REVERSE** flow direction. Remove the inlet and outlet lines from the condenser. Introduce the flush chemical into the **OUTLET** (Liquid Side) of the condenser. Completely fill the condenser with flush chemicals. Allow the flush chemical to soak in the condenser for approximately ten (10) minutes. Remove the flush chemical by using filtered/dry shop air to blow the flush chemical out of the condenser through the **INLET** (Discharge Side). Repeat this procedure until all debris and lubricant is removed.



To clean the evaporator, remove the inlet and outlet lines, and thermal expansion valve (if applicable) or orifice tube. Follow the same procedure used with the condenser to ensure all debris and lubricant is removed.

Clean all hoses and lines for the A/C system in the same manner. You may flush the complete system in the same process without dismantling if applicable.

**NOTES: NEVER FLUSH THE RECEIVER/DRIER OR ACCUMULATOR, COMPRESSOR OR THERMAL EXPANSION VALVE.**

COMPONENTS SHOULD BE AIR PURGED TO REMOVE ALL REMAINING FLUSH CHEMICAL. CPS **AFMSF** FLUSH IS COMPATIBLE WITH ALL HFC134a LUBRICANTS, O-RINGS, ELASTOMERS, AND HOSE MATERIALS.

FLUSH FLUID AND VAPORS ARE MILDLY FLAMMABLE; KEEP AWAY FROM HEAT, SPARKS, AND ELECTRICAL EQUIPMENT. NEVER EXPOSE FLUSH CHEMICALS TO AN OPEN FLAME.

DISPOSAL: INSURE THAT USED PRODUCT AND CONTAINERS ARE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.



Store in a cool, well ventilated area