

# Description of Piping Components



**Supply Storage Tank:** A supply storage tank must be used in a system with less than 50 gallons or 5 gallons per ton - whichever is greater - of liquid solution. The tank prevents rapid cycling of the compressors and acts as a reservoir for chilled liquid solution.

Part Number: WX202H (20 Gallon)  
ERTG42S (42 Gallon)



**Supply storage tank must be insulated in the field.**



**Expansion Tank and Air Scoop:** The expansion tank and air scoop assembly is used to compensate for the expansion and contraction of liquid solution in the system. The air scoop eliminates air entrained in the liquid solution.

Part Number: 1500/1"



**Liquid Solution Bypass Valve:** The liquid solution bypass valve relieves system pressure from the liquid solution supply line to the return line as the system air handler controls are cycled off.

Part Number: D146M1032- 3/4"  
D146M1040- 1 1/4"



**Motorized Valve:** The air handler motorized valve controls the flow of liquid solution to the systems air handlers. Each air handler in the system should have a motorized valve.

Part Number: MZV524E-T 1/2" 2-Way Zone Valve  
MZV525E-T 3/4" 2-Way Zone Valve  
MZV526E-T 1" 2-Way Zone Valve  
VT3212G13A020 1/2" 3-Way Zone Valve  
VT3212G13A020 3/4" 3-Way Zone Valve