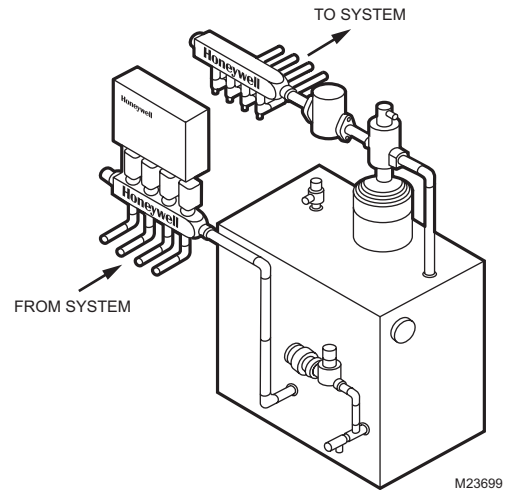


Closed Heating System Tanks, Diaphragm Expansion Tanks

TK300 AND XPS SERIES

PRODUCT DATA



APPLICATION

The Honeywell diaphragm expansion tank is designed to provide for the expansion of water in a closed hot water heating or solar system. Maximum operating temperature is 240° F (116° C); maximum operating pressure is 100 psi (689 kPa). The tank is precharged at 12 psi (83 kPa). The diaphragm separates the air cushion from the water and prevents absorption of the air cushion by water, thus avoiding water logging. The Honeywell expansion tank maintains pressure in the system and utilizes the smallest possible space.

INSTALLATION

Honeywell recommends installing the expansion tank by screwing it into the 1/2 in. connection on the bottom of a Honeywell Air Eliminator or Air purger located on the main hot water supply pipe close to the boiler. The installation of a Honeywell Air Eliminator assures automatic removal of all air and microbubbles from the system. However, the Honeywell expansion tanks may also be screwed into any convenient connection. The tank should be installed in a vertical position. Series XPS tanks are provided with a stand for floor mounting. Pipe the tank connection to the inlet side of the circulating pump.

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