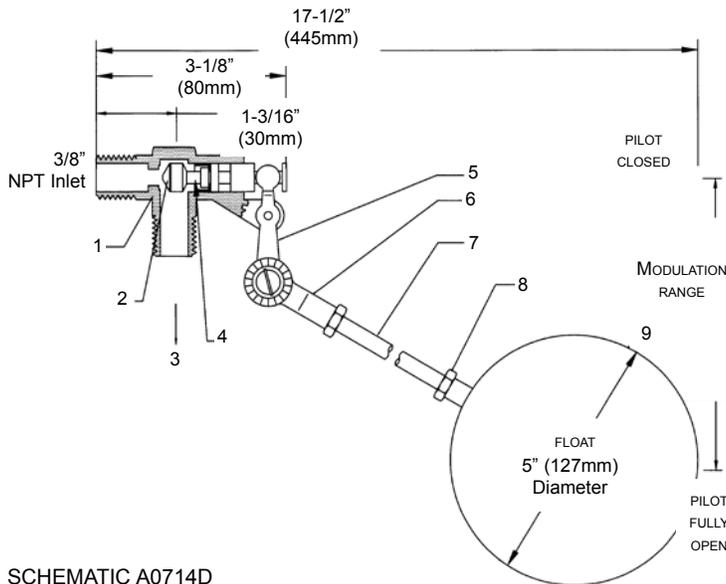


Model R-400 Modulating Float Pilot



1. Body (Bronze)
2. Inner Valve (Buna-N)
3. 3 / 8 in NPT Outlet
4. Stem (Brass)
5. Lever (Brass)
6. Serrated Arm (Brass)
7. Float Rod (Brass)
8. Lock Nut (Stainless Steel)
9. Float (Polypropylene)

Options: Copper float; Stainless Steel Rod.

SCHEMATIC A0714D

Product Overview

The R-400 is a modulating float pilot with a plastic float, suitable for remote installation on a tank or reservoir. It positions the main valve in proportion to the reservoir level. Standard configuration is for the pilot to close on rising level.

Specify "Reverse Acting" for the pilot to open on rising level. The polypropylene float connects to the pilot on a 10 in / 250 mm brass rod.

The R-400 pilot is used as the standard float pilot on all 106 and 206 series modulating float valves.

Specifications

The pilot shall be a Singer Model R-400.

- The pilot shall be of the modulating style and made of brass and bronze construction.
- The inner valve shall utilize Buna-N seals to provide drip-tight shut-off in the valve body.
- The pilot shall include a 10 in / 250 mm brass float rod and a polypropylene float. The brass float rod shall pivot from the lever located on pilot.
- The pilot shall be self-cleaning and self-flushing by locating the outlet in the bottom of the pilot ninety degrees to the inlet.
- The pilot will close the valve on rising water level however the pilot will modulate between open and closed in direct proportion to reservoir level.
- Maximum working temperature: 120° F / 49° C
- Maximum working pressure: 80 psi / 5.5 bar

Ordering Instructions

Refer to page 293 for the order form and ordering instructions.