

FLOAT VALVE

MODEL NO. FH47-01-CV

DESIGN DESCRIPTION & APPLICATION

FH47-01-CV Float Valve is designed to maintain a constant water level in a tank or reservoir. The float pilot is remotely mounted in the tank or reservoir and connected with the main valve. The valve closes drip tight when water level reaches the adjustable high level setting, and open fully when water level is below the adjustable low level setting.

SPECIFICATION

Size: DN50 ~ DN300 to flange
Flange: 10K, 16K, PN16, 150LB
Working Temperature: 0°C ~ 100°C, Water
Working Pressure over 0.7 kgf/cm²

Any size over DN350 or for very low pressure can be made to order.

PILOT SPECIFICATION

Pilot: ½" Float Valve (*Separate order required*)
Working Temperature: 0°C ~ 100°C, Water
Material: Brass / Stainless Steel

PARTS & MATERIALS

| No | Parts | Materials |
|----|---------------------------|--|
| 1 | Strainer | Body Iron Casting / Stainless Steel Accessory Brass / Stainless Steel Fastener & Spring Carbon Steel / Stainless Steel Diaphragm NBR / EPDM |
| 2 | Ball Valve | |
| 3 | Needle Valve / Ball Valve | |
| 4 | Ball Valve | |
| 5 | Basic Valve Body | |

DIMENSION

| Valve Size | L (mm) | H (mm) | Weight (kg) |
|------------|--------|--------|-------------|
| 50 | 200 | 87 | 7 |
| 65 | 220 | 109 | 9 |
| 80 | 285 | 115 | 16 |
| 100 | 307 | 137 | 18 |
| 125 | 370 | 142 | 37 |
| 150 | 390 | 164 | 48 |
| 200 | 500 | 183 | 83 |
| 250 | 605 | 244 | 120 |
| 300 | 650 | 258 | 140 |



- Accurate, repeatable water level control
- Reliable self-hydraulic pressure control
- Tightly shut off, reliable sealing
- Completely automatic operation

