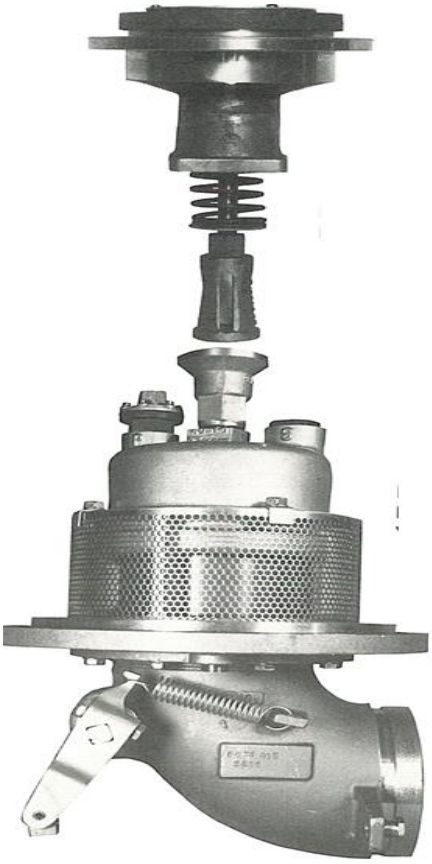
Enabling the Extraordinary
To Fly To Power To Live

MEGGiTT

F635A / INTERNAL VALVE
F646A / VENT
F613 / JET LEVEL SENSOR SYSTEM



F635A
INTERNAL
VALVE

Description

Meggitt's refueler/transport bottom loading system combines many features not previously available. This system can be used as a backup to a meter set stop system to achieve position overfill protection or as a complete " on board" single or two stage system.

Applications

- Aviation aircraft refueling equipment
- Over the road transport tanker trucks

Key features and benefits

- Vent interconnected with internal valve by rod.
- Mechanical operation (off-loading only) - no air pressure required.
- Single and two stage modular inlet controls.
- Protective hood for vent - optional
- Soft-close / low surge pressure design
- Lightweight design
- High level controls may be either a Jet Level Sensor or a 3-way Float Pilot

Contact

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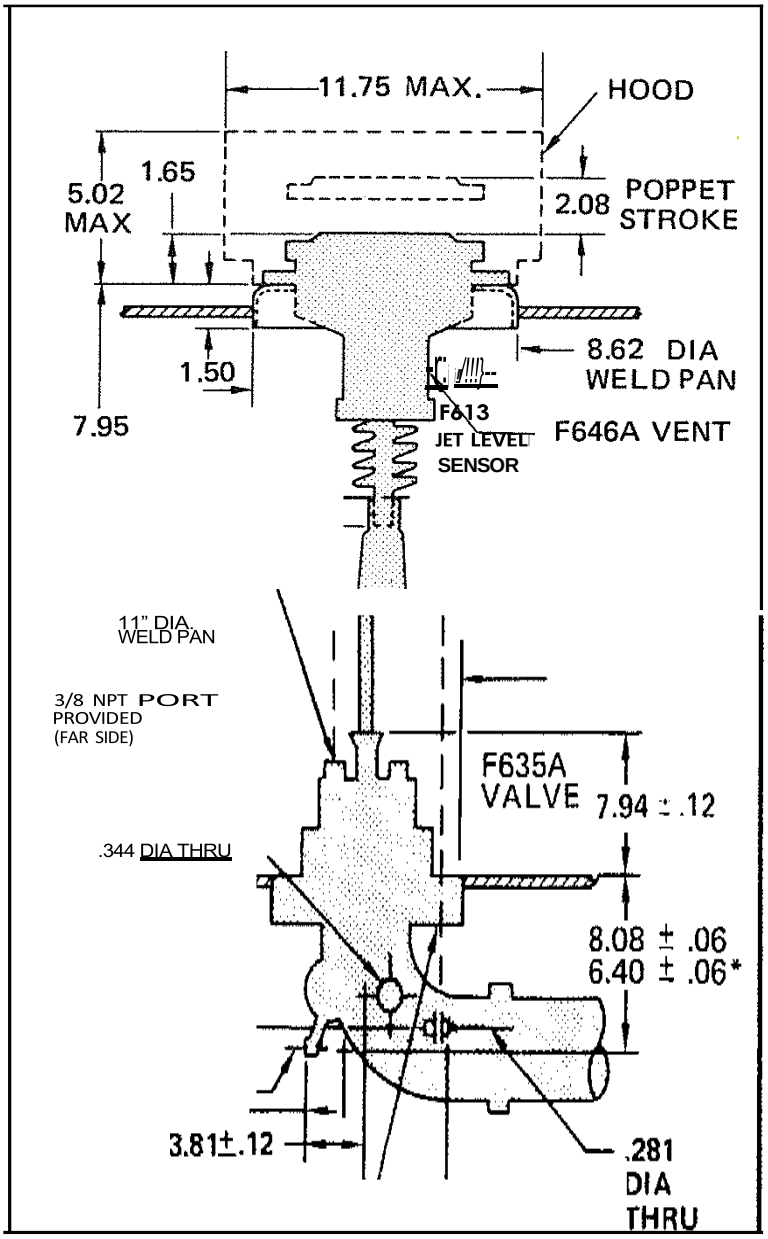
ORDERING DATA

When ordering, select the variation desired from the table below and specifies the complete part number including appropriate suffix(s).

Valve	Suffix	Description
F635		Internal Valve - Mechanically operated to open and close ; no bottom loading controls. Includes aluminum weld ring and 4 ½-inch diameter short radius elbow with Victaulic inlet. (To be used in conjunction with Suffix A or B).
	A	Adds single bottom loading control for use with applicable F613 Jet Level Sensor or F638 Float Pilot
	B	Adds primary and secondary bottom loading controls.
	D	Deletes weld ring.
	E	Steel weld ring instead of aluminum
	F	Long radius elbow instead of short radius.
	G	Stainless steel weld pan instead of aluminum weld ring.
	J	Adds Viton Seals
	K	Adds Victaulic body
	M	Brass and iron free unit



3/8 NPT PORT PROVIDED BOTH SIDES OF VALVE PLATE - 2 PLACES 90° TO ACTUATING LEVER

Design & Installation

1. For back-up bottom loading system order F635A. If a "mark" must be met order F6358.
2. Fuel pilot lines should be 3/8-inch dia. with pickup located upstream of the internal valve inlet elbow.
3. Pilot lines should be flexible and with sufficient length to allow removal of internal valve from exterior of vehicle.
4. Vent must be installed vertically in line with internal valve within ½-inch.