

Fig. 710F Solenoid Valve

Flanged

The Fig 710 Solenoid Valve is a two-way, one directional flow, hung piston valve that is normally closed in the "at rest" position. This valve is used to help prevent accidental siphoning of product from the tank in the event of a fracture in the pipe or other cause for leak downstream and below the liquid level. The valve opens upon receipt of an electronic signal such as when a dispenser or pump is switched on. CSA Approved. 710F is forged bronze; 710FSS is stainless steel.

- Operates at 120 volts (12, 24, 208 & 480 volts AC also available; 12 & 120 Volts DC may also be available).
- Includes a continuous duty Class H standard coil. Other options are available.
- Must be mounted in a horizontal pipeline with solenoid vertical and upright.
- No differential pressure is required to open the valve.
- Connects to a 1/2" conduit. 18" lead wire provided.
- Enclosure is watertight and rated for hazardous locations on aboveground fuel storage tanks- NEMA 3, 4X, 7 and 9; groups C and D.
- Available in Viton (FKM) or Teflon seals. (3" Only in Viton)
- The Viton (FKM) seal is compatible with diesel oil.
- Has a built-in expansion relief.
- Flanged connections ANSI 150 RF
- Maximum viscosity rating of 60 Centistokes.
- Manual override feature available (Fig. 710FMO or 710FSM)

NOTICE: It is strongly recommended that a line strainer with 100 mesh be installed at the inlet of this valve. Failure to do so may cause the valve to malfunction and void the warranty.

NOTE: Product can only be pumped in the direction of the flow arrow. Not designed for use as overflow prevention or process control valve.



Model 710FSS



I.D NUMBER	SIZE (NPT)	SEAL MATERIAL	ORIFICE SIZE (INCH)	CV	OPERATING PRESSURE DIFFERENTIAL (P.S.I.)		FLUID TEMP. (MAX)	POWER CONSUMPTION (WATT) (DEG. F.)	SHIP WT. (LBS.)	GEN. DIMENSIONS (INCH)							
					MAX.	MIN.				A	B	C	D	E	F	G	I
710F--0200 1V	2"	VITON (FKM)	1.5	27	0	105	302	30	29	6.89	7.44	2.99	4.29	0.75	5.98	3.62	4.75
710F--0300 1V	3"	VITON (FKM)	3.0	91	0	45	302	48	58	8.66	9.29	4.33	4.29	0.94	7.52	5.00	5.98
710FMO0200 1V	2"	VITON (FKM)	1.5	27	0	105	302	30	29	6.89	7.44	2.99	4.29	0.75	5.98	3.62	4.75
710FSS2200 1V	2"	TEFLON	1.5	27	0	105	302	30	29	6.89	7.44	2.99	4.29	0.75	5.98	3.62	4.75
710FSS0300 1V	3"	VITON (FKM)	3.0	91	0	45	302	48	58	8.66	9.29	4.33	4.29	0.94	7.52	5.00	5.98
710FSS3300 1V	3"	TEFLON	3.0	91	0	45	302	48	58	8.66	9.29	4.33	4.29	0.94	7.52	5.00	5.98
710FSM2200 1V	2"	TEFLON	1.5	27	0	105	302	30	29	6.89	7.44	2.99	4.29	0.75	5.98	3.62	4.75