

SERIES 660 Water Drain Valve



- Sizes 2" through 6"
- Drain and remove excess water from tank
- Simple, one hand valve operation
- Two stage opening and closing
- Padlock bracket prevents unauthorized opening of valve
- Non-freeze design
- Factory tested for positive shut-off



OBJECTIVE

Protectoseal Series 660 Water Drain Valves are designed to provide maximum flow and assure complete, self-draining action when relieving tanks of water accumulated during normal tank breathing.

TECHNIQUE

The Series No. 6660 Water Drain Valve is mounted to the tank flange connection. Swivel-type outlet spout permits proper downward positioning after the valve has been installed on the tank. Turning the handwheel opens the main valve and then the poppet valve at the inboard side. Closing of the valve occurs in the reverse sequence. Should rust or other foreign matter accumulate in the valve seats, it can usually be dislodged by pushing in on the handwheel and unseating the inboard poppet while the main seat is open. This creates a flushing action which will normally remove any foreign matter. When hand pressure is released, inboard poppet will reseat automatically. If dip pipe is to be used, valve should be equipped with a proper bell reducer to assure adequate flow. Outlet spout is threaded to permit piping away of liquids.

Cat. No.	Bell Reducer	Dip Pipe
662F	11/2" x 21/2" NPT	21/2" NPT
663F	1 ¹ / ₂ " x 2 ¹ / ₂ " NPT	21/2" NPT
664F	2 ¹ / ₂ " x 3" NPT	3" NPT
666F	31/2" x 4" NPT	4" NPT

SPECIAL FEATURES

Easy Inspection and Maintenance. Design and light weight of entire unit permits easy convenient handling for inspection and maintenance. Exposed main valve seal facilitates inspection and replacement of valve seal, if necessary, while tank is in service.

Non-Freeze Design. Unique, non-freeze design with "true" straight-through body construction assures maximum flow and complete self-draining action.

Low Leakage. FEP film thrust bearing is used in bonnet to minimize leakage around the stem when the valve is opened. This permits piping away the discharge of the valve or taking pump suction on the valve outlet in order to assist in emptying a tank if necessary.

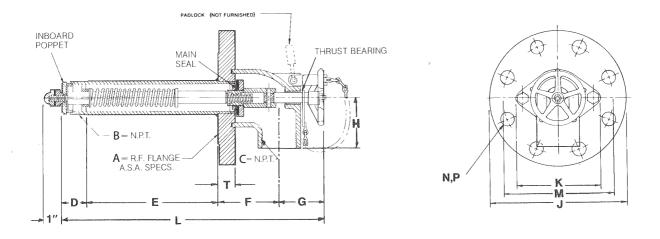
Numerous Sizes Available. All sizes, 2" though 6" mate with standard 150# ANSI raised face flange connections.

Quality Assurance. All valves are 100% factory tested for positive shut-off and conformance with Protectoseal's high standards of quality assurance.

CONSTRUCTION

Series	Body	Trim	Seal
660F	Steel	Stainless Steel	TFE





DIMENSIONS & ORDERING INFORMATION (Dimensions shown are for reference only, contact factory for certified drawings.)

Cat. No.	Flange A	Pipe B	Pipe C	D	E	F	G	H	J	K	L	B.C. M	Holes N	Dia. P	т
662F	2"	11/2"	11/2"	1 1/16"	7 ¹ / ₂ "	31/2"	2 ¹ / ₂ "	2 ³ / ₄ "	6"	4 ⁵ /8"	14%/16"	4 ³ / ₄ ¹¹	4	³ /4 ¹¹	15/16"
663F	3"	11/2"	11/2"	1 1/16″	7½"	31/2"	2 ¹ / ₂ "	2 ³ /4"	7 1/2"	4 ⁵ / ₈ "	14 ⁹ /16 ¹¹	6"	4	3/4"	15/16
664F	4"	2 ¹ /2"	2"	15/8"	9 ¹ / ₁₆ "	4 ³ /16"	3"	31/4"	9"	515/16"	171/8"	7 ¹ / ₂ "	8	3/4"	15/16
666F	6"	31/2"	3"	1 ³ / ₄ "	9"	4 ³ / ₄ "	3³/8"	4 ¹ / ₄ "	11"	7 ³ / ₄ "	187/8"	9 ¹ / ₂ "	8	7/8"	1"

ADDITIONAL PRODUCTS FROM PROTECTOSEAL





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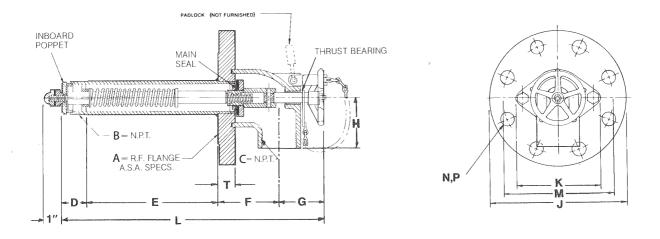
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