

Product Description

The Clean Valve has been designed to meet the most demanding process specifications for cleanliness and safety. The body is constructed of glass-lined steel with a glass-lined stem machined to provide a smooth sealing surface for the valve packing sealing rings. The sealing neck ring is provided with an o-ring seal against the valve stem located in front of Chevron packing to provide primary sealing. The neck ring also provides positive sealing against the valve body, to eliminate hold up of material above the Chevron packing.

Clean Valve Features

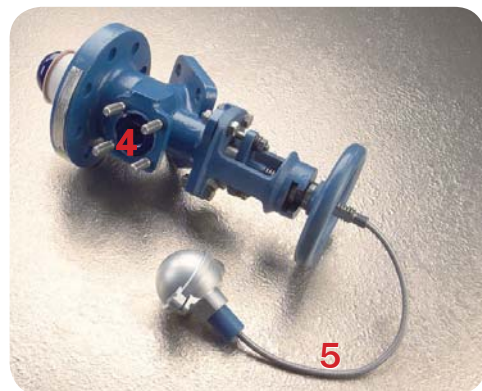
1. The valve body has been redesigned to be self-draining. The additional cleaning port has been designed with 5° downward sloping angle and is tangential to the outlet nozzle of the valve to facilitate its cleaning. This nozzle has been designed with a groove to prevent liquid hold-up.
2. Lip seal valve seat design prevents material getting between the seat and the bottom outlet nozzle.
3. UniTIP® glass-lined head and stem
4. Extra port to clean valve in place- no removing necessary.
5. Ability to replace the temperature sensor without having to remove the valve from service.

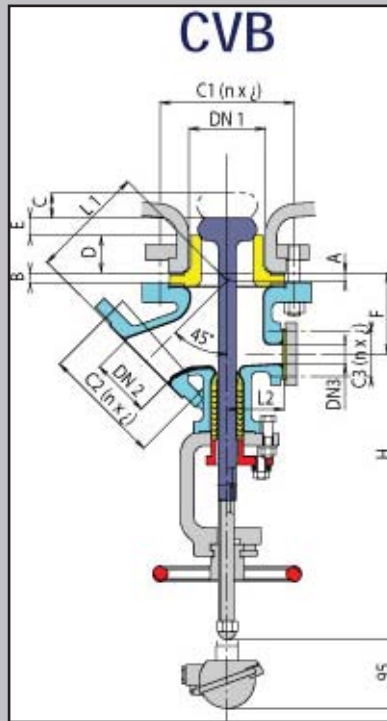
Options

Manual, pneumatic in-line and pneumatic low-profile designs are available.

ADVANTAGES

- Increased & optimized sealing and cleanability.
- Additional port can be used to clean the valve body, to pre-heat the piping, to take a sample or to introduce gas.
- Allows for wider temperature range and higher pressures.
- Able to accommodate RT or TC sensor. This allows sensing of temperature at the lowest point in vessel.
- There is no bellows to clean. Bellows can be difficult to clean, especially when the final product is a slurry.





Size DN1/DN2	Sides common to all models										Clean Valve			
	DN3			L1	L2	A	B	D	E	F	C	H	bar	daN
DN	C3	n x Φ												
2 x 1 1/2	.78	2.95	2xM12	4	1.77	.31	.43	1.65	.70	2.64	1.38	13.98	FV/150psi	.39
3 x 2	.78	2.95	4xM12	4.53	2.36	1.77	.47	1.65	.91	4.37	1.38	16.54	FV/150psi	.63
4 x 3	1	3.35	4xM12	6.10	.78	.41	.51	2	1	4.29	1.77	19.29	FV/150psi	1.14
6 x 4	1	3.35	4xM12	6.89	3.74	.45	.59	2.36	1.14	5.04	2.66	20.47	FV/150psi	1.57

Service Conditions

Temperature Range: -20°F - 450°F

Pressure Range: Full vacuum - 150 PSIG

Part Numbers

Size	Manual	Pneumatic	Side Mount
2x1 1/2	100604E	100608H	100612H
3x2	100605E	100609H	100613H
4x3	100606E	100610H	100614H
6x4	100607E	100611H	100615H