

PV-1000 Manways - For Pressure Applications

Special Features:

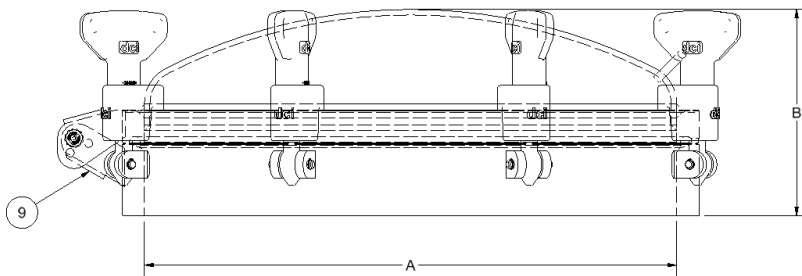
- Designed and fabricated for ASME code application
- Superior sanitary design
- Large cross section o-ring snap fits in cover for a secure fit
- One inch thick frame provides protection against weld distortion upon installation
- Spring loaded hold-down lugs
- Cover lock-up device
- Easy grip wingnuts with nylon washers
- Lift handle included
- Structurally optimized by three dimensional finite element analysis
- O-ring removal slot to aid in removing for replacement

Surface Finish:

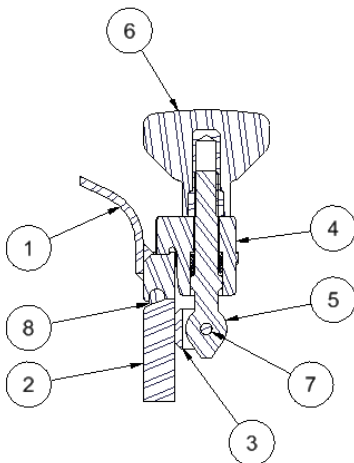
- Standard finish 150RA inside and outside
- Interior finish from 150RA to 320RA. Electropolishing available.
- Exterior finish from 80RA to 240RA. Electropolishing and bead blasting available.

Options:

- Machine weld prep on frame
- Frame extension sleeve
- Installed fittings and viewports
- Cover lift assist
- Gaskets of Viton, EPDM, or PFA encapsulated silicone, or Viton



Size	A Inside Dia.	B Height	Cover Weight	Lift Weight At Handle
16	16	8	35 lbs.	18 lbs.
18	18	8-1/4	40 lbs.	20 lbs.
20	20	8-1/2	47 lbs.	24 lbs.
24	24	9	61 lbs.	31 lbs.
30	30	10-3/4	84 lbs.	42 lbs.



Item No.	Material Specification	Description
1	316/316L	Cover
2	316/316L	Frame
3	316	Frame Lug
4	316	Cover Hold-Down Lug
5	304	Clamp Screw
6	Plastic with insert	Wingnut
7	Inconel 718	Pin
8	FDA/USP CL VI EPDM	O-Ring
9	316/316L	Hinges
	316/316L	Handle

Size	No. of Lugs	Working Temperature	
		100°F	300°F
16	4	75	55
16	5	95	75
16	6	110	85
18	4	60	45
18	5	75	55
18	6	90	70
18	8	120	95
20	4	45	35
20	5	60	45
20	6	70	55
22	4	40	65
22	5	50	35
22	6	60	45
22	8	80	60
24	4	35	25
24	5	40	30
24	6	50	35
24	8	70	55
24	12	105	80
26	6	45	35
26	8	60	45
26	10	75	55
26	12	90	70
30	8	45	35
30	12	65	50
30	16	90	70
30	24	135	105