



**HVN-MBD**  
**Demineralizer Model Specifications**  
**Steel Mixed Bed - Valve Nest**

Model No.	Nominal Capacity	Minimum Service Flow	Normal Service Flow	Polishing Service Flow	Manifold Pipe Size	Cation Resin	Anion Resin	Cation Regen 30% HCl	Anion Regen 50% NaOH	Vessel Size	Backwash Flow	Air Mix Flow	Shipping Weight
	grains	GPM	GPM	GPM	inches	cu.ft.	cu.ft.	gals	gals	inches	GPM	cfm	lbs.
HVN-MBD 1096	20,000	1	4	8	.5	1	1.5	2.8	1.9	10 x 96	1.6	4	1000
HVN-MBD 1696	40,000	3	11	25	1	2	3	5.6	3.8	16 x 96	3.5	11	1270
HVN-MBD 2096	66,400	4	17	25	1	3.3	5	9.2	6.3	20 x 96	6	17	1520
HVN-MBD 2496	100,000	6	25	60	1.5	5	7.5	13.9	9.4	24 x 96	9	25	2105
HVN-MBD 3096	146,400	9	38	92	2	7.5	11	20.3	13.8	30 x 96	14	38	2690
HVN-MBD 3696	213,600	14	55	95	2	10.7	16	29.8	20.1	36 x 96	20	55	3333
HVN-MBD 4296	293,600	19	75	95	2	14.7	22	40.9	27.6	42x96	28	76	4710

Updated 3/18/08