

INDUSTRIAL DIAPHRAGM VALVE KITS



COMPOSITE (PLASTIC) VALVE KITS FOR CARBON AND FILTEREASE™ MEDIA

Composite (Plastic) Valve Kits for Carbon and FilterEase Media

Part Number	Tank Size Inches	Pipe Size Inches	Service Rate GPM	Backwash Rate GPM	Valves #1 & #2 (Service)	Valve #3 (Backwash Out)	Valve #4 (Backwash In)	Valve #5 (Rinse)	Drain Line Flow Control
VNPCF21	21	1.5	25	24	K534-X200-14000 (1070308)	K531-X200-14000 (1070304)	K531-X200-14000 (1070304)	K531-X200-14000 (1070304)	OM-TH1504/24 (1.5" MPT PVC)
VNPCF24	24	1.5	40	31	K534-X200-14000 (1070308)	K534-X200-14000 (1070308)	K534-X200-14000 (1070308)	K534-X200-14000 (1070308)	OM-TH1504/31 (1.5" MPT PVC)
VNPCF30	30	2	48	49	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	OM-TH2007/49 (2" MPT PVC)
VNPCF36	36	2	80	70	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	OM-TH2007/70 (2" MPT PVC)
VNPCF42	42	2	100	96	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	OM-TH30014/96 (3" MPT PVC)
VNPCF48	48	3	115	126	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	OM-TH30014/126 (3" MPT PVC)
VNPCF63	60 to 63	3	175	196	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	OM-TH40025/196 (4" MPT PVC)

The above valve nests include the necessary valve socket adapters (ASTM). Metric sizes (JIS and ISO) are available at no additional cost. These kits do **not** include the interconnecting pipe or fittings.

Optional Regeneration Bypass Valves

Part Number	Tank Size Inches
K531-X2B2-14000	21 to 24
K534-X2B2-14000	30 to 42
K535-X2B2-14000	48 to 63

Bypass Valve Socket Weld Adapter Kits

Part Number	Description
QA-K531060	1 inch ASTM
QA-K534060	1.5 inch ASTM
QA-K535060	2 inch ASTM

Valve Sizes

K531	1 inch
K534	1.5 inch
K535	2 inch
K537	3 inch

Carbon Flow Rate is based on 4 gpm per cubic foot for chlorine, and taste & odor reduction.

VOC Reduction: (Service Flow Rate x 0.5).

Peak Flow Rate: (Service Flow Rate x 1.25).

INDUSTRIAL DIAPHRAGM VALVE KITS



CAST IRON VALVE KITS FOR CARBON AND FILTEREASE™ MEDIA

Cast Iron Valve Kits for Carbon and FilterEase Media

Part Number	Tank Size Inches	Pipe Size Inches	Service Rate GPM	Backwash Rate GPM	Valves #1 & #2 (Service)	Valve #3 (Backwash Out)	Valve #4 (Backwash In)	Valve #5 (Rinse)	Drain Line Flow Control
VNMCF21	21	1.25	25	24	V42D-0000-00000 (1070023)	V42C-0000-00000 (1070011)	V42C-0000-00000 (1070011)	V42C-0000-00000 (1070011)	OM-ST1504/24 (1.5" MPT Steel)
VNMCF24	24	1.5	40	31	V42E-0000-00000 (1070025)	V42E-0000-00000 (1070025)	V42E-0000-00000 (1070025)	V42E-0000-00000 (1070025)	OM-ST1504/31 (1.5" MPT Steel)
VNMCF30	30	2	48	49	V42F-0000-00000 (1070035)	V42F-0000-00000 (1070035)	V42F-0000-00000 (1070035)	V42F-0000-00000 (1070035)	OM-ST2007/49 (2" MPT Steel)
VNMCF36	36	2	80	70	V42G-0000-00000 (1070041)	V42G-0000-00000 (1070041)	V42G-0000-00000 (1070041)	V42G-0000-00000 (1070041)	OM-ST2007/70 (2" MPT Steel)
VNMCF42	42	2.5	100	90	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	OM-ST2509/90 (2.5" MPT Steel)
VNMCF48	48	2.5	115	126	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	OM-ST30014/126 (3" MPT Steel)
VNMCF54	54	3	135	159	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	OM-ST40025/159 (4" MPT Steel)
VNMCF60	60	3	175	196	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	OM-ST40025/196 (4" MPT Steel)
VNMCF66	66	4	210	237	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	OM-ST40025/237 (4" MPT Steel)
VNMCF72	72	4	260	270	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	OM-ST60054/270 (6" MPT Steel)

Optional Regeneration Bypass Valves

Part Number	Tank Size Inches
V42C-0032-00000	21
V42D-0032-00000	24
V42E-0032-00000	30 to 36
V42F-0032-00000	42 to 48
V42H-0032-00000	54 to 60
V42J-0032-00000	66 to 72

Valve Sizes

V42C	1 inch
V42D	1.25 inch
V42E	1.5 inch
V42F	2 inch
V42G	2 inch High Flow
V42H	2.5 inch
V42J	3 inch
V42K	4 inch

1.25 thru 3 inch valve nests are female NPT. 4 inch valve nests are flanged (ASTM). Metric flanges and thread sizes (BST & JIS) are available at no additional cost. These kits do **not** include the interconnecting pipe or fittings.

Carbon Flow Rate is based on 4 gpm per cubic foot for chlorine, and taste & odor reduction.

VOC Reduction: (Service Flow Rate x 0.5).

Peak Flow Rate: (Service Flow Rate x 1.25).