

INDUSTRIAL DIAPHRAGM VALVE KITS



COMPOSITE (PLASTIC) VALVE KITS FOR MULTI-MEDIA SYSTEMS

Composite (Plastic) Valve Kits for Multi-Media Systems

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
VNPSF21	21	1.5	20	29	K534-X200-14000 (1070308)	K531-X200-14000 (1070304)	K531-X200-14000 (1070304)	K531-X200-14000 (1070304)	OM-TH1504/29 (1.5" MPT PVC)
VNPSF24	24	1.5	30	38	K534-X200-14000 (1070308)	K534-X200-14000 (1070308)	K534-X200-14000 (1070308)	K534-X200-14000 (1070308)	OM-TH1504/38 (1.5" MPT PVC)
VNPSF30	30	2	50	59	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	OM-TH2007/59 (2" MPT PVC)
VNPSF36	36	2	70	85	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	OM-TH2509/85 (2.5" MPT PVC)
VNPSF42	42	2	95	115	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	K535-X200-14000 (1070312)	OM-TH30014/115 (3" MPT PVC)
VNPSF48	48	3	120	151	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	OM-TH40025/151 (4" MPT PVC)
VNPSF63	60 to 63	3	200	235	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	K537-X200-14000 (1070316)	OM-TH40025/235 (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

Flow Rate is based on 10 GPM per square foot.

10 Micron Filtration: (Service Flow Rate x 0.5).

Peak Flow Rate: (Service Flow Rate x 1.5).

INDUSTRIAL DIAPHRAGM VALVE KITS



CAST IRON VALVE KITS FOR MULTI-MEDIA SYSTEMS

Cast Iron Valve Kits for Multi-Media Systems

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
VNMSF21	21	1.25	20	29	V42D-0000-00000 (1070023)	V42C-0000-00000 (1070011)	V42C-0000-00000 (1070011)	V42C-0000-00000 (1070011)	OM-ST1504/29 (1.5" MPT Steel)
VNMSF24	24	1.5	30	38	V42E-0000-00000 (1070025)	V42E-0000-00000 (1070025)	V42E-0000-00000 (1070025)	V42E-0000-00000 (1070025)	OM-ST1504/38 (1.5" MPT Steel)
VNMSF30	30	2	50	59	V42F-0000-00000 (1070035)	V42F-0000-00000 (1070035)	V42F-0000-00000 (1070035)	V42F-0000-00000 (1070035)	OM-ST2007/59 (2" MPT Steel)
VNMSF36	36	2	70	85	V42G-0000-00000 (1070041)	V42G-0000-00000 (1070041)	V42G-0000-00000 (1070041)	V42G-0000-00000 (1070041)	OM-ST2509/85 (2.5" MPT Steel)
VNMSF42	42	2.5	95	115	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	OM-ST30014/115 (3" MPT Steel)
VNMSF48	48	2.5	120	151	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	V42H-0000-00000 (1070042)	OM-ST40025/151 (4" MPT Steel)
VNMSF54	54	3	160	191	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	OM-ST40025/191 (4" MPT Steel)
VNMSF60	60	3	200	235	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	V42J-0000-00000 (1070043)	OM-ST40025/235 (4" MPT Steel)
VNMSF66	66	4	235	285	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	V42K-3000-00000 (1070045)	OM-ST40025/237 (4" MPT Steel)
VNMSF72	72	4	275	298	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.

Flow Rate is based on 10 GPM per square foot.

10 Micron Filtration: (Service Flow Rate x 0.5).

Peak Flow Rate: (Service Flow Rate x 1.5).