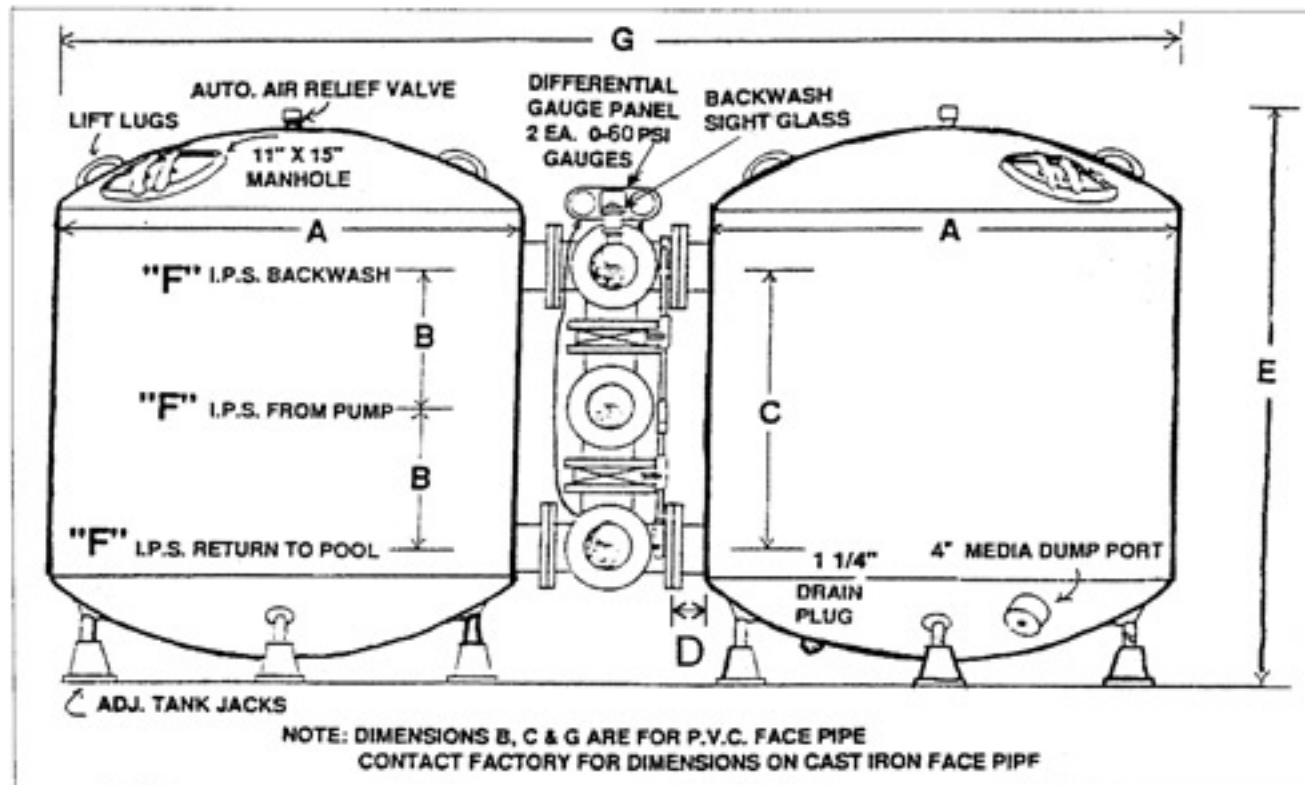




MIAMI FILTER

MANUFACTURER OF WATER TREATMENT SYSTEMS

JAN 2008



HI-RATE FILTERS -- SFV SERIES -- DUAL TANK SYSTEMS

PHYSICAL DIMENSIONS

MODEL NUMBER	A	B	C	D	E	F	G	HEAD & SHELL THICKNESS	HEIGHT OF SIDE SHELL
SFV-2-48	48"	19 1/8"	38 1/4"	4"	73"	6"	121 1/2"	1/4"	48"
SFV-2-54	54"	19 1/8"	38 1/4"	4"	75"	6"	133 1/2"	1/4"	48"
SFV-2-60	60"	19 1/8"	38 1/4"	4"	78"	6"	145 1/2"	1/4"	48"
SFV-2-66	66"	19 1/8"	38 1/4"	4"	80"	6"	157 1/2"	1/4"	48"
SFV-2-72	72"	23 3/4"	47 1/2"	4"	94"	8"	178 1/4"	1/4"	60"
SFV-2-78	78"	23 3/4"	47 1/2"	4"	95"	8"	185 1/4"	1/4"	60"
SFV-2-84	84"	23 3/4"	47 1/2"	4"	96"	8"	197 1/4"	1/4"	60"
SFV-2-90	90"	23 3/4"	47 1/2"	4"	97"	8"	209 1/4"	1/4"	60"
SFV-2-96	96"	23 3/4"	47 1/2"	4"	98"	8"	221 1/4"	5/16"	60"
SFV-2-102	102"	23 3/4"	47 1/2"	4"	100"	8"	233 1/4"	5/16"	60"
SFV-2-108	108"	23 3/4"	47 1/2"	4"	101"	8"	245 1/4"	5/16"	60"
SFV-2-114	114"	23 3/4"	47 1/2"	4"	102"	8"	257 1/4"	5/16"	60"
SFV-2-120	120"	23 3/4"	47 1/2"	4"	104"	8"	269 1/4"	5/16"	60"

PROTECTIVE COATINGS:

Prior to application of protective coatings to the pressure vessel(s), all interior and exterior surfaces shall be sand blasted to white metal.

Exterior surfaces of pressure vessel(s) shall be coated with an industrial grade primer.

ENGINEERING NOTES:

Head loss through all Hi-Rate Permanent Media filter is 3 psi on startup. The Hi-Rate should be backwashed when a 15 psi differential is indicated on the influent and effluent gauges. When sizing the main recirculating pump for the Hi-Rate, calculate head loss for the maximum dirt load at 15 to 20 psi through the filter and face piping

Note: dimensions shown in tables in this brochure are for general reference only and are not to be used for construction or installation.



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COMMERCIAL HI-RATE SAND FILTERS CARBON STEEL CONSTRUCTION-DUAL TANKS W/ FACE PIPING

ITEM # MODEL#	TANK SIZE	PIPE SIZE	FLOWRATE SQ FT-MAX	TOTAL G.P.M.	APPROX WEIGHT
SFV-2-42	42"	4"	20	385	1820
SFV-2-48	48"	6"	20	504	2210
SFV-2-54	54"	6"	20	636	2490
SFV-2-60	60"	6"	20	784	2840
SFV-2-66	66"	6"	20	948	3190
SFV-2-72	72"	8"	20	1132	3520
SFV-2-78	78"	8"	20	1328	3840
SFV-2-84	84"	8"	20	1540	4350
SFV-2-90	90"	8"	20	1768	4970
SFV-2-96	96"	8"	20	2012	5460
SFV-2-102	102"	8"	20	2268	6340
SFV-2-108	108"	8"	20	2544	7440
SFV-2-114	114"	8"	20	2836	8560
SFV-2-120	120"	8"	20	3140	10160

JACKLEGS STANDARD ON ALL DUAL SYSTEMS

SFV-SERIES SYSTEMS INCLUDE:

FACTORY INSTALLED INTERNAL DISTRIBUTION SYSTEM AND COLLECTION SYSTEM
ALUMINUM GAUGE PANEL WITH 2-4½" PRESS GAUGES
BRONZE MANUAL & AUTOMATIC AIR RELIEF VALVE
SIDE MOUNTED FACE PIPING IN SCH 80 PVC
WITH BUTTERFLY VALVES
ANODE PROTECTION
MEDIA DUMP PORT AND WINTERIZING DRAIN
BACKWASH SIGHT GLASS ASSEMBLY

SYSTEMS DO NOT INCLUDE:

EPOXY LINING
FILTER MEDIA, PUMP OR PUMP STRAINERS, SINGLE LEVER CONTROL