

# Vertical Sand Filters 36" Thru 144" Diameter

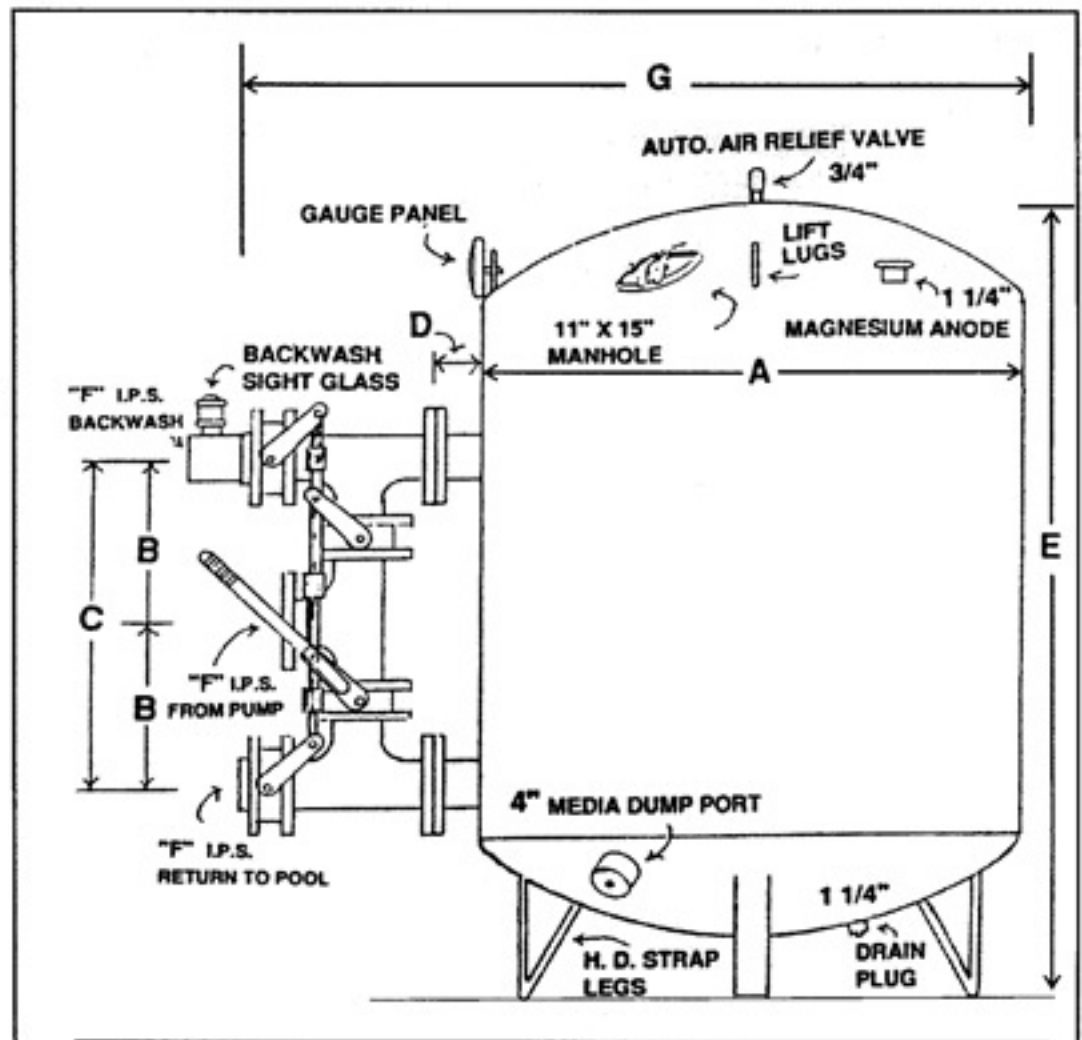
Tank assemblies are complete with overhead distributor, lower collection tubes, gauge panel with 2-60 lb gauges, and face piping with butterfly valves. Systems listed do not include filter media or pump. **The factory-installed underdrain system and all internal piping are guaranteed for the life of the tank.** Miami Filter's line of commercial filters are also available in all grades of stainless steel.



COMPLIES WITH NATIONAL SANITATION FOUNDATION STANDARDS



Use the handy specification chart below along with the adjacent diagram to calculate your filter requirements. Contact your authorized Miami Filter Distributor for any assistance you may require.



NOTE: DIMEN. B, C, & G, ARE FOR P.V.C. FACE PIPE. CONTACT FACTORY FOR DIMENSIONS ON CAST IRON FACE PIPE. OPTIONAL SINGLE LEVER CONTROLS: Any Miami Filter single or dual commercial series Hi Rate Filter system may be equipped with a single lever linkage to permit switching valves between filter and backwash positions by moving a single handle. This option limits available system functions to "Filter-to-Pool," "Backwash-to-Waste," and "Vacuum-thru-Filter."

## HI-RATE FILTERS -- SFV SERIES -- SINGLE TANK SYSTEMS

### PHYSICAL DIMENSIONS

MODEL NUMBER	A	B	C	D	E	F	G	HEAD & SHELL THICKNESS	HEIGHT OF SIDE SHELL
SFV-36	36"	12 3/4"	25 1/2"	4"	70 1/2"	3"	53 3/8"	1/4"	48"
SFV-42	42"	12 3/4"	25 1/2"	4"	71"	3"	59 3/8"	1/4"	48"
SFV-48	48"	14 7/16"	28 7/8"	4"	78"	4"	67"	1/4"	48"
SFV-54	54"	14 7/16"	28 7/8"	4"	75"	4"	79"	1/4"	48"
SFV-60	60"	14 7/16"	28 7/8"	4"	78"	4"	79"	1/4"	48"
SFV-66	66"	14 7/16"	28 1/2"	4"	80"	4"	85"	1/4"	48"
SFV-66	66"	19 1/8"	38 1/4"	4"	80"	6"	90 1/2"	1/4"	48"
SFV-72	72"	19 1/8"	38 1/4"	4"	82"	6"	96 1/4"	1/4"	48"
SFV-78	78"	19 1/8"	38 1/4"	4"	83"	6"	102 1/4"	1/4"	48"
SFV-84	84"	19 1/8"	38 1/4"	4"	84"	6"	108 1/4"	1/4"	48"
SFV-90	90"	19 1/8"	38 1/4"	4"	86"	6"	114 1/4"	1/4"	48"
SFV-96	96"	19 1/8"	38 1/4"	4"	87"	6"	120 1/4"	5/16"	48"
SFV-96	96"	23 3/4"	47 1/2"	4"	98"	8"	125"	5/16"	60"
SFV-102	102"	19 1/8"	38 1/4"	4"	88"	6"	126 1/4"	5/16"	48"
SFV-102	102"	23 3/4"	47 1/2"	4"	100"	8"	131"	5/16"	60"
SFV-108	108"	23 3/4"	47 1/2"	4"	101"	8"	137"	5/16"	60"
SFV-114	114"	23 3/4"	47 1/2"	4"	102"	8"	143"	5/16"	60"
SFV-120	120"	23 3/4"	47 1/2"	4"	104"	8"	149"	5/16"	60"



# MIAMI FILTER

MANUFACTURER OF WATER TREATMENT SYSTEMS

JAN 2008

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

ITEM # MODEL #	TANK SIZE	PIPE SIZE	FLOWRATE SQ FT-MAX	TOTAL G.P.M.	APPROX WEIGHT
SFV-36	36"	3"	20	142	770
SFV-42	42"	3"	20	192	920
SFV-48	48"	4"	20	252	1120
SFV-54	54"	4"	20	318	1290
SFV-60	60"	4"	20	392	1465
SFV-66-4	66"	4"	15	355	1640
SFV-66-6	66"	6"	20	474	1700
SFV-72	72"	6"	20	566	1820
SFV-78	78"	6"	20	664	1970
SFV-84	84"	6"	20	770	2240
SFV-90	90"	6"	20	884	2550
SFV-96-6	96"	6"	15	755	2820
SFV-96-8	96"	8"	20	1006	2920
SFV-102-6	102"	6"	15	851	3300
SFV-102-8	102"	8"	20	1134	3600
SFV-108	108"	8"	20	1272	3850
SFV-114	114"	8"	20	1418	4420
SFV-120	120"	8"	20	1570	5220
SFV-144	144"	10"	20	2260	6800

### 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  
JACKLEGS