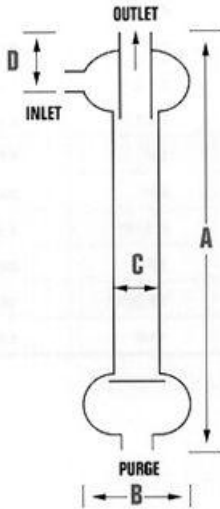


Vertical In-Line Separators

Model	GPM	Flow M3/Hr	Size	Length	(Lbs.)
R5V	4-10	.9-2.3	1/2"	20"	13
R7V	10-20	2.3-4.6	3/4"	20"	15
R10V	18-38	4-8.7	1"	30 1/2"	26
R12V	26-52	6-12	1 1/4"	30 1/2"	26
R15V	38-79	8.7-18	1 1/2"	30 1/2"	26
R20V	63-120	14.5-27.6	2"	36"	44
R25V	100-180	23-41.4	2 1/2"	44"	55
R30V	125-260	28.8-59.8	3"	48"	75
R40V	190-345	43.7-79.4	4"	52"	120



Inlet Outlet	Dimensions								
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	20"	20"	30 1/2"	30 1/2"	30 1/2"	36"	44"	48"	52"
B	6"	6"	6"	6"	6"	8"	10"	10"	12"
C	2 3/8"	2 3/8"	3 3/8"	3 3/8"	3 3/8"	4 1/2"	4 1/2"	5 1/2"	6 5/8"
D	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"	3"	3 1/2"	3 1/2"	7"

Normal Use: Between pump and system above ground.

Protects: Equipment between 5 and 345 GPM.

Ideal: For domestic house lines, sprinkler systems and industrial equipment.

Pressure Drop: See curves for proper size.

Larger Pipes or Volumes: See our Ag Separator Section.

Backwash Time and Waste: Install separator ahead of sand filters for reductions.

Minimum Fine Sand Passage: Where this is not acceptable, use a separator ahead of a fine filter.

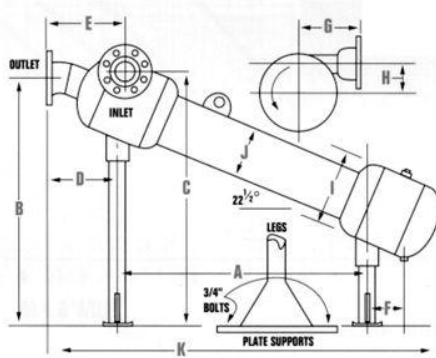
Automatic Sand Blowoff: Excellent systems are available when desired.

Modifications: Can be made for low operating pressures.

SYSTEM PROTECTION FROM ALL TYPES OF SEDIMENT

Home, Landscape & Agricultural Irrigation, and Industrial Applications

AG & Industrial Separators



Model	GPM	Flow M3/Hr	Size	Length	(Lbs.)
R40LA	200-525	46-120	4"	87"	280
R60LA	365-960	84-220	6"	115 1/2"	493
R80LA	800-1600	184-369	8"	124 3/4"	722
R100LA	1300-2300	299-529	10"	135"	840
R120LA	2025-3400	465-782	12"	156"	1400
R140LA	2975-5000	684-1150	14"	167"	1550
R160LA	4000-6200	920-1426	16"	182"	1850

Inlet Outlet	Dimensions				
	4"	6"	8"	10"	12"
A	48 1/2"	63"	71"	78"	102"
B	46 1/2"	59 1/2"	65"	71"	75 1/4"
C	46 1/2"	60 3/8"	66"	72 3/4"	76 1/2"
D	16"	20 1/2"	21 3/4"	21"	23 3/4"
E	19"	20 3/4"	22 1/4"	23 1/4"	26 5/8"
F	7 1/2"	10 1/2"	12"	13"	14 1/4"
G	14"	17"	20"	23 1/4"	27"
H	4 1/4"	5"	6 1/4"	7 5/8"	8 3/4"
I	12"	16"	18"	22"	26"
J	6 5/8"	10 3/4"	12 3/4"	16"	18"
K	80"	106 3/4"	114"	123 1/2"	139"

Capacity: 200 to 6200 GPM

Pressure Rating: 150 lb. standard for long life.

Flow into Separator: Standard counter-clockwise facing outlet. Clockwise rotation is available.

Sand Removal Efficiency: 98% of solids down to 200 mesh.

Pressure Drop: See curves for proper size.

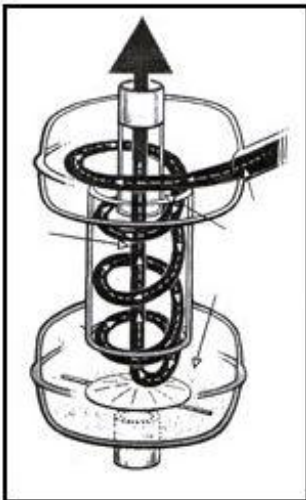
Automatic Purge System: Available at low cost.

Strong: 1/4" carbon steel construction.

SYSTEM PROTECTION FROM ALL TYPES OF SEDIMENT
Home, Landscape & Agricultural Irrigation, and Industrial Applications

Installation

1. Connect separator discharge to clean liquid pipeline using short nipples and union - same size as the separator discharge coupler.
2. Install nipple and purge valve - same size as purge coupler.
3. Using the bell reducer, supplied with separator, connect the separator inlet to the pipe carrying solids - laden liquid. Note: Steel pipe will support the weight of the separator. However, the separator can be bolted to a post, beam, or to a wall, if desired.



Operation

1. Blow the purge valve often enough to keep the separator from becoming "sand bound".
2. If the sand volume is too much for hand purging, automatic purge systems may be used.

Maintenance

1. Since there are no moving parts, these separators are trouble free.



Water & Wastewater Treatment and Filtration

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