

Varieties and sizes available
to suit your needs!



2", 2½", 3"
SINGLE
Sand Separator



2½", 3"
DOUBLE
Sand Separator



2½", 3"
TRIPLE
Sand Separator

Combinations

Part #	Style	Description	Max Total Gallons
03-01102P	Single	2" Ghoomar Sand Separator w/ Chamber & 1" valve	110
03-02102P	Single	2.5" Ghoomar Sand Separator w/ Chamber & 1" valve	176
03-03102P	Single	3" Ghoomar Sand Separator w/ Chamber and 1" valve	220
03-02202P	Double	2x2.5" Ghoomar Sand Separator w/ 6" inlet/outlet manifold & 2" valve	352
03-02302P	Triple	3x2.5" Ghoomar Sand Separator w/ 6" inlet/outlet manifold & 2" valve	528
03-03202P	Double	2x3" Ghoomar w/ 6" inlet/outlet manifold & 2" valve	440
03-03302P	Triple	3x3" Ghoomar w/ 6" inlet/outlet manifold & 2" valve	660
03-G0406		4" x 6" Poly Flanged Reducer w/ Steel backup plate	
03-G0608		6" x 8" Poly Flanged Reducer w/ Steel backup plate	

***All combinations of 2½" and 3" manifolds connect precisely.

Contact your Dragon-Line® Dealer Today!

www.dragonline.net
+1-620-424-3724

EXCLUSIVELY AVAILABLE FROM
DRAGON-LINE®
MOBILE DRIP IRRIGATION



Patented Design

Unique & Robust Construction

Superior Performance
Efficiency 97%+

Abrasion Resistance -
Best in Class!

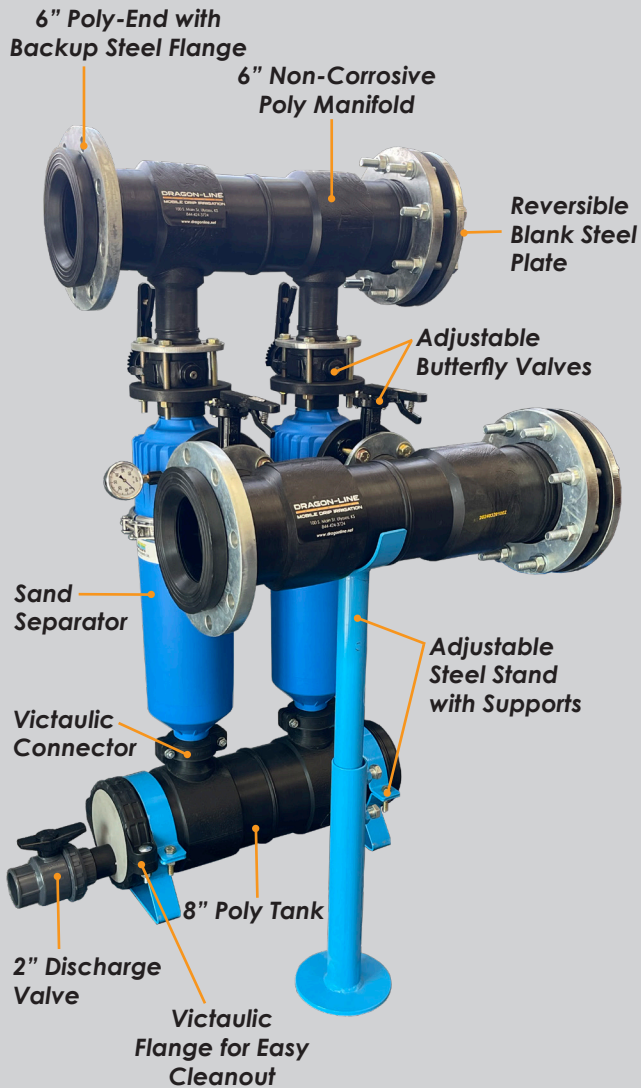
Long Life
Corrosion Free

No Maintenance
Easy to Flush

Enhances Irrigation
Systems Life

>97%
Sand Removal

SAND SEPARATION THE DRAGON-LINE WAY



All features in above assembly are included!

A Sand Separator which guarantees Sand removal of 97% + by World Leader in Irrigation.

Invention and innovation is tradition at Jain Irrigation. With our decades of experience and research, we are pleased to introduce yet another path breaking product 'Jain Ghoomar (The Sand Separator)'.

Jain Ghoomar - Unique patented centrifugal style of separation is not only efficient but also maintenance free. By reducing the load on secondary filters like media or screen/disc filters, it enhances the life of your drip and sprinkler irrigation system. Jain Ghoomar is the popular choice for removing sand, grit and other fine solids from water sources. It removes 97% of particles sizing 400 microns and larger from your Drip Irrigation/Rainport/Sprinkler System. With heavier solids, you can expect even better results.

Jain Ghoomar is manufactured from high performance engineering plastic. It is highly durable, light in weight, and has no effect of corrosion due to chemicals & fertilizers used in agriculture.

Technical Specifications

Sizes Available: 2, 2½, and 3 inch BSP Male threaded Inlet/Outlet connection with companion flange.

Specifications

Flow Range (gpm)	Nominal Flow (gpm)	Max. Working Pressure (psi)	Connection (inch)	Gross Weight (lbs)	Drain Size (inch)	Volume of Collection Chamber (gallons)
53-132	110	113	2"	18	1"	2.6
88-176	176	113	2½"			
176-264	220	113	3"			

Clean Pressure Drop Chart

Size Inch	Pressure Drop (psi) w.r.t. Flow (gpm)							
	41	55	88	110	132	176	220	264
2"	0.90	1.45	2.5	4	5	-	-	-
2½"	-	-	1.75	2.60	3.20	5.80	-	-
3"	-	-	-	-	-	4.40	7	9

Efficiency of Ghoomar Filter

Particle Size (micron, specific gravity >2.5)	Efficiency, %
>400 micron	>95%
200-400 micron	90-95%
100-200 micorn	80-90%
<100 micron	<80%

