

# GHOO MAR

The Ultra Sand Separator

**>97%**  
sand removal



◆ Innovative Design (Patent Pending)

◆ 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

# GHOOMAR

**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 Ultra 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 & fertilisers used in agriculture.

Jain Ghoomar is easy to flush. It has a unique oval shaped dirt collector. It can hold up to 10 litre of dirt. It has a bottom flushing arrangement which helps to flush the dirt completely without need of stopping the irrigation system.

Jain Ghoomar construction ensures no down time due to maintenance, cleaning or changing the spares.

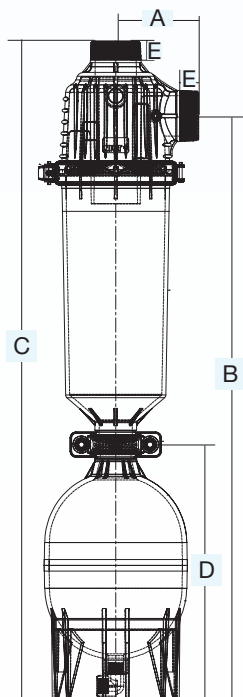
## Technical Specifications

**Sizes Available:** 2, 2½ and 3 inch BSP Male threaded Inlet/Outlet connection. Can also be supplied in NPT thread, flanged or easy fix option.

**Pressure Rating:** Maximum operating pressure – 8 kg/cm<sup>2</sup>



\* Condition apply



## Specifications

Flow Range	Nominal Flow	Max. Working Pressure	Connection	Gross Weight	Drain Size	Volume of Collection Chamber
m <sup>3</sup> /hr	m <sup>3</sup> /hr	kg/cm <sup>2</sup>	Inch	kg	Inch	Litre
12-30	25	8	2"	7.2	1"	10
20-40	40	8	2½"			
40-60	50	8	3"			

## Dimensions

Model (m <sup>3</sup> /hr)	Size (inch)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
12-30	2"	138	1021	1145	448	26
20-40	2½"	142	1021	1150	448	31
40-60	3"	145	1021	1152	448	34

## Clean Pressure Drop Chart

Size Inch	Pressure Drop (kg/cm <sup>2</sup> ) w.r.t. Flow (m <sup>3</sup> /hr)							
	10	15	20	25	30	40	50	60
2"	0.06	0.1	0.17	0.28	0.35	-	-	-
2½"	-	-	0.12	0.18	0.22	0.39	-	-
3"	-	-	-	-	-	0.30	0.49	0.63

Note: Filters are tested under standard laboratory test conditions.