Jain Super Flow COMBO Filter

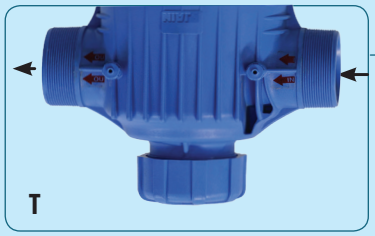
Jain Irrigation Systems Ltd.

Small Ideas. Big Revolutions.®

Jain Super Flow

Combo

Jain Super Flow Combo Filter offers flexibility to convert itself to Jain Smart Clean Semi Automatic Screen Filter by adding a Combo kit.

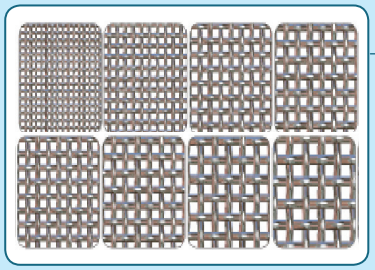


T Option

T option has Single inlet & single outlet offers straight installation

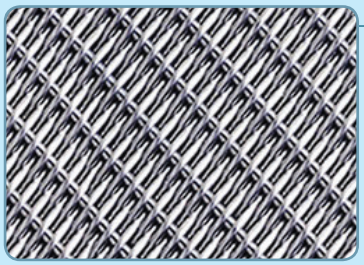
Easy for Maintenance

Smooth opening, drip-tight Stainless Steel clamp closure



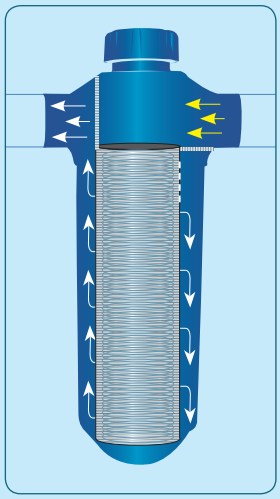
Choice of Filtration Degree

Filtration available with following degree as 80, 100, 125, 200 & 300 micron



Dutch Weave Screen

Dutch weave screen provides greater strength and higher impact resistance



Flow direction IN to OUT

Water flow direction in filter is from INLET side of screen to OUTLET side of screen for better performance

Optimum Inventry Management

Inventry can be managed by keeping Jain Super Flow Combo & Combo Kit for easy conversion to Jain Smart Clean - Semi Automatic filter

Jain Super Flow Combo

Specifications

Filter	Jain Super FLow Combo Filter			
Model	**Type**	**20R**	**25R**	**30R**
Inlet/Outlet Connection	inch	2"	2.5"	3"
	mm	50	65	80
Filteration area	cm^2	1260	1260	1660
	in^2	195	195	257
Nominal flow rate	m^3/h	25	40	50
	US gpm	110	176	220
Filtration degrees	micron	80, 100, 125, 200, 300		
Connection types	Type	BSP & NPT Male Threaded, Flanged Eay Fix - Grooved		
Max. working pressure	kg/cm^2	8		
	psi	114		
Max. working temperature	°C	60		
	°F	140		
Weight	kg	6.6	6.7	7.5
	lbs	14.5	14.7	16.5
Drain connection size	inch	1.25"		

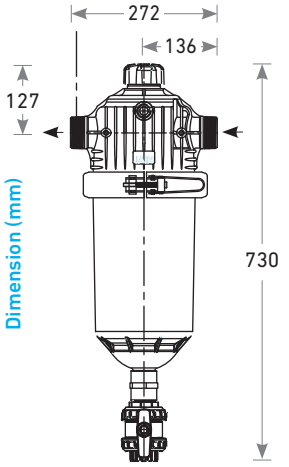
Material of Construction

Jain Super Flow Combo Filter	Filter Housing	Glass Reinforced Polypropylene
	Filter Body	Glass Reinforced Polypropylene
	Housing Seal	NBR
	Element	Cartridge: Ribbed PVC Screen: Dutch weaved stainless steel
	Clamp	Stainless Steel
Combo Kit	Handle	ABS
	Nozzle	POM
	Dirt Collector	PVC

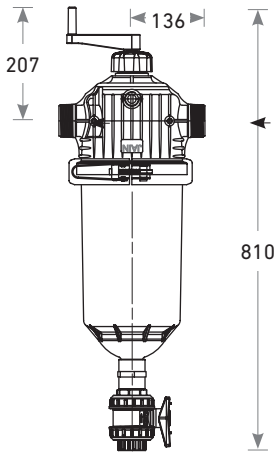
Jain Super Flow Combo

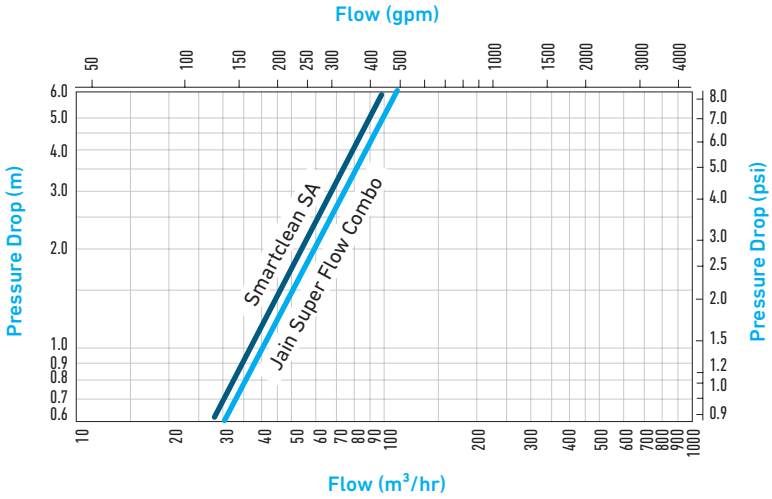
Model 20R

Jain Super Flow Combo



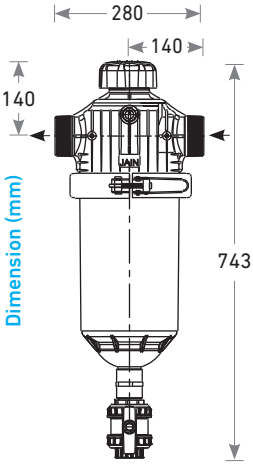
Smartclean SA



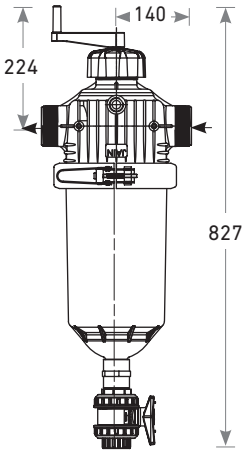


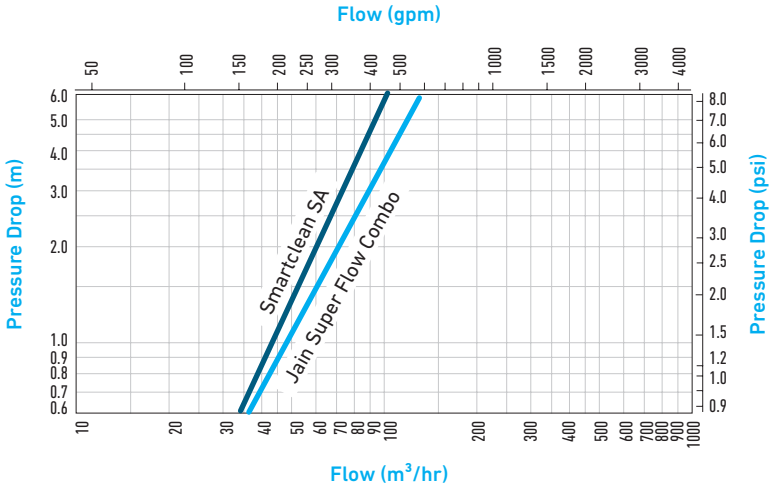
Model 25R

Jain Super Flow Combo



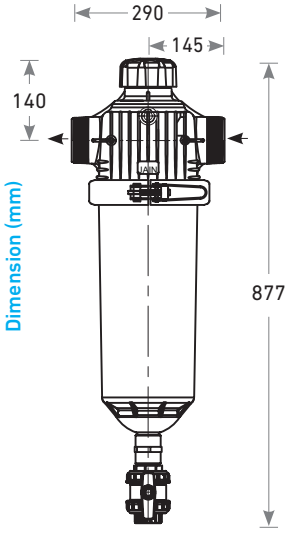
Smartclean SA



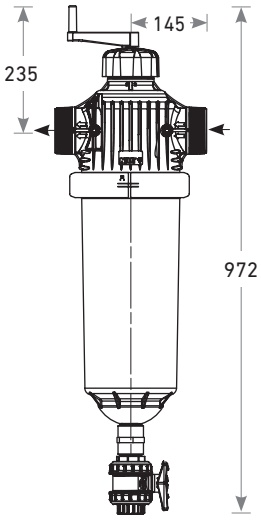


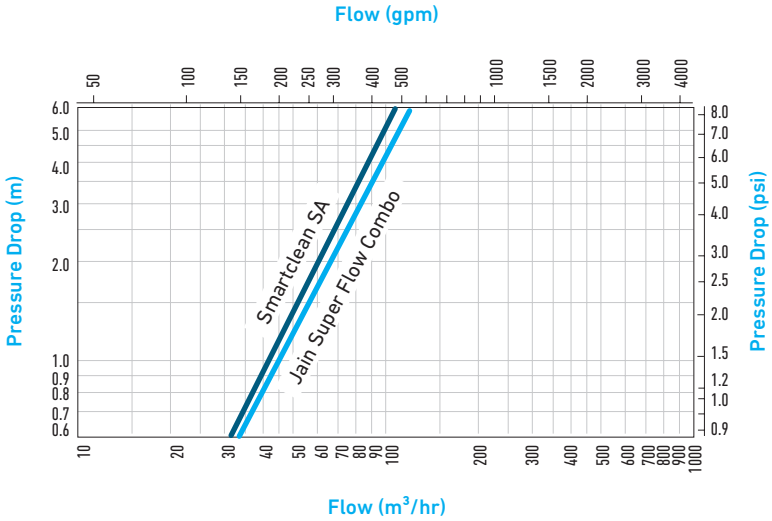
Model 30R

Jain Super Flow Combo



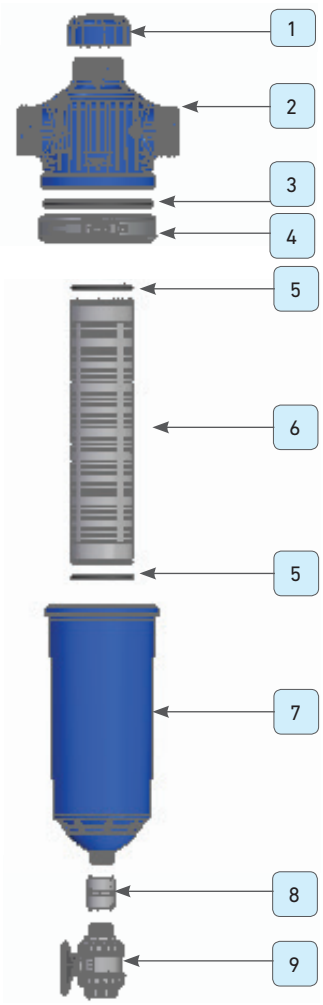
Smartclean SA





Note: All dimensions are in mm

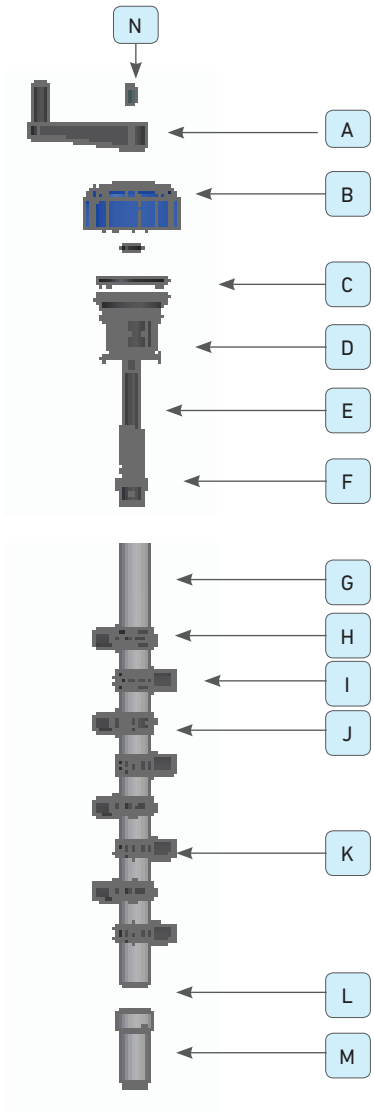
Jain Super Flow Combo



Spare Part Guide

Part No.	Description	Code		
		20R	25R	30R
1	Filter End Cap	SFFEC2	SFFEC212	SFFEC3
2	Filter Body BSPT	BJPSF23WBDB	BJPSF-2123WBDB	BJPSF33WBDB
	Filter Body NPT	BJPSF23WNDB	BJPSF-2123WNDB	BJPSF33WNDB
	Filter Body Easy Fix / Grooved	BJPSF23WVT-VDB	BJPSF-2123WVTVDB	BJPSF33WVT-VDB
3	Body "O" Ring	SFSR25	SFSR25	SFSR25
4	Filter Clamp	SFCNEW	SFCNEW	SFCNEW
5	Element "O" Ring	SFE025E	SFE025E	SFE025E
6	Filter Element	JSCVMOELE25	JSCVMOELE40	JSCVMOELE50
7	Filter Cap	SFFC2DB	SFFC212DB	SFFC3DB
8	Female Threaded Coupler	FTC114	FTC114	FTC114
9	Drain Valve 40 mm	SUV40HMP	SUV40HMP	SUV40HMP

Combo Kit



Combo Kit Ordering Details

Code	Description
JSCOMKIT20R	Combo Kit for 20R Model
JSCOMKIT25R	Combo Kit for 25R Model
JSCOMKIT30R	Combo Kit for 30R Model

Sr.	Description	20R	25R	30R
A	Drive Shaft Handle	JSCSADFSH		
B	O Top Ring	OR18072X2062		
C	Filter End Cap	SFFEC2DB	SFFEC212DB	SFFEC3DB
D	Drive Housing Bush	JSCSADHTBP	JSCSADHTBP212	JSCSADHTBP
E	Drive Body End Shaft	JSCSADBESP		
F	O Ring For End Cap 63mm	OR47P22X3P53	OR63P09X3P53	OR72P39X5P33
G	O-Ring For Cv / Arv Socket 32 Mm	BVOS32	BVOSNO50	JSCVMORD58P5CS3P53
H	Screw Pan Head Slotted	SCRWPTM4X10		
I	Upvc Plumb Plain Pipe	PRPL032034IEX00600		
J	Saddle Clamp Bottom 1"	SCB1		
K	Saddle Top Nozzle	STNFMSF		
L	O-Ring For Tube	475541		
M	Pvc Bottom Guide Sleeve	JSCSAPBGS		

Note: Combo Kits are ordered separately to convert Jain Super Flow Combo to Jain Smart Clean SA Filter

Conversion Guidelines

Conversion of Jain Super Flow Combo to Jain Smart Clean Semi Automatic Filter

1

Step 1: Remove End Cap (Part No. 1) from Jain Super Flow Filter Body (Part No. 2)

2

Step 2: Insert Drive Handle Bush (Part No. D) in Filter Body

3

Step 3: Take Bush End Cap (Part No. B) & Tighten it on Filter Body

4

Step 4: Open Filter Clamp (Part No. 4) of the filter

Conversion Guidelines

5

Step 5: Take out Filter Cap(Part No. 7)

6

Step 6: Insert Dirt Collector Assembly through Drive Handle Bush (Part No. D) of the Bush End Cap (Part No. B) and hold it securely

7

Step 7: Insert Dirt Collector Assembly in the Screen Element (Part No. 6), push it securely at the drain end

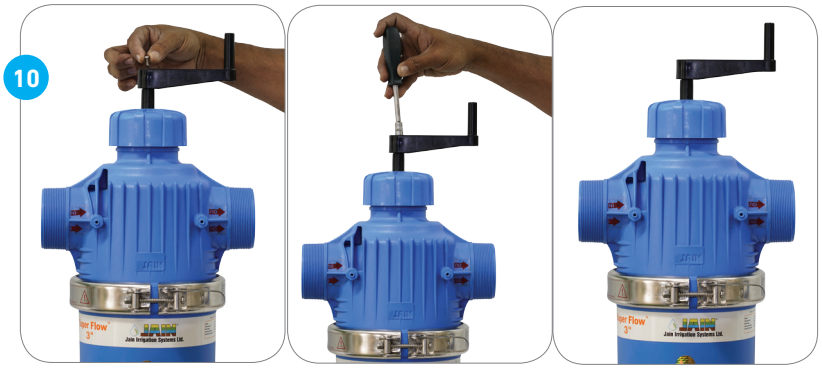
8

Step 8: Close Filter Body (Part No. 2) & Filter Cap (Part No. 7) with SS Clamp

9

Step 9: Insert Drive Shaft Handle (Part No. A) on Top of the Drive Body End Shaft (Part No. E)

10



Step 10: Insert & Tighten a bolt (Part No. N) on top of Drive Shaft handle (Part No. A),

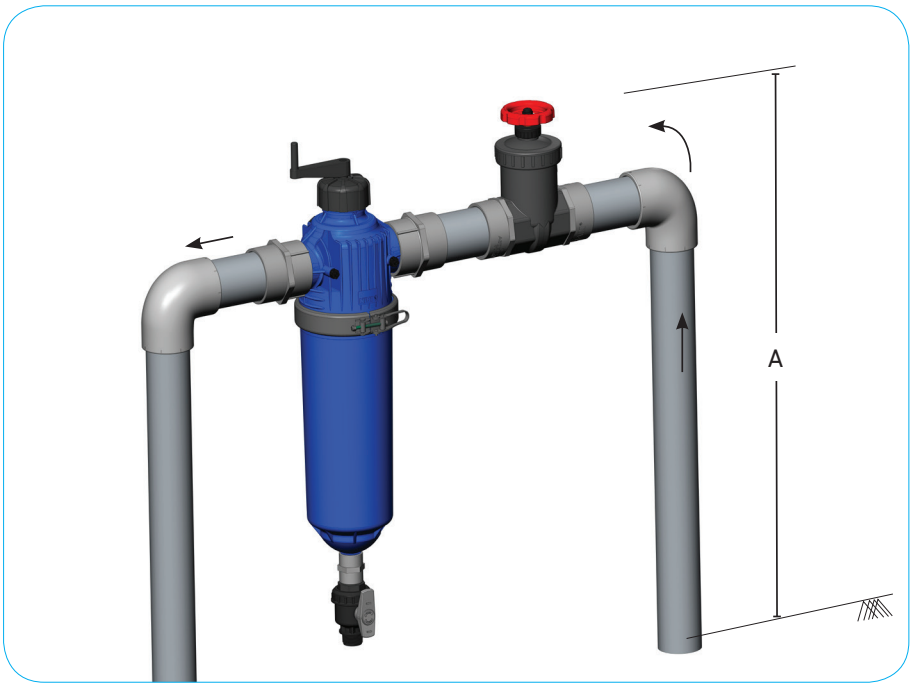
" Jain Super Flow Combo Filter is now successfully converted to Jain Smart Clean Semi Automatic"

Note:

- Combo Kits are ordered separately to convert Jain Super Flow Combo to o Jain Smart Clean SA Filter.
- Please refer spare part list mentioned in earlier pages for part no. details

Laying Dimensions

SmartClean SA Filter



Size	Jain Super Flow Combo	Jain Smart Clean SA Filter
	A	
20R	600	1150
25R	600	1150
30R	750	1300

Ordering Guide

Jain Super Flow - Combo Filter

Model			Filtration Degree		"Connection Size & Model Size / Type"			Connection Type	Type of Clamp	Pressure Rating		
1	2	3	4	5	6	7	8	9	10	11	12	
Model												
J	S	C										JSC Jain Super Flow Combo Filter
			Filtration Degree									
			0	8								08 80 Micron
			1	0								10 100 Micron
			1	2								12 125 Micron
			1	4								14 200 Micron
			1	8								18 300 Micron
					Connection Size & Model Type							
					2	0	R					20R 2" Model
					2	5	R					25R 2-1/2" Model
					3	0	R					30R 3" Model
								Connection Type				
								A				A ANSI Flange Class 150
								B				B BSP Male Thread
								C				C BS10 - Table E Metal Flange
								D				D DIN Metal Flange PN10
								G				G Grooved
								N				N NPT Male Thread
								M				M Plastic Moulded Flange
									Type of Clamp			
									M			M Metal Clamp
										Pressure Rating		
										0	8	08 PN8

Note: Combo Kits are ordered separately to convert Jain Super Flow Combo to Jain Smart Clean SA Filter

Packaging

Jain Super Flow Combo Filter & Combo Kit

Description	Model	Box Dimension (LXWXH), mm	Pallet Dimension (LXWXH), mm	Qty / Box, Nos.	Qty / Pallet, Nos.
Jain Super Flow Combo Filter	20R	755X330X265	1275X1020X135	1	28
Combo Kit		100X100X800	-	1	-
Jain Super Flow Combo Filter	25R	755X330X265	1275X1020X135	1	28
Combo Kit		100X100X800	-	1	-
Jain Super Flow Combo Filter	30R	880X290X310	1300x850x135	1	32
Combo Kit		100X100X800	-	1	-

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