

NEW PRODUCT PREVIEW
HCF SERIES
BOBBIN WOUND SAND FILTERS

The large-format HCF Series sand filters set a new standard for performance and longevity in Life Support Systems for Aquariums and Zoos, Aquaculture, Water Parks and other Aquatic systems. Designed to increase filter efficiency, enhance the backwash process and reduce channelization, the HCF Series sand filters are simple to install and maintain, giving you years of effective, worry-free filtration performance.

KEY FEATURES & BENEFITS

- Available in 42", 48", 55" and 63" Sizes
- 50PSI Max Working Pressure
- EPDM O-ring and Seals
- Industrial filament-wound fiberglass with UV-protectant gel coat protects the filter from the elements
- Transparent manway design simplifies operation and improves durability
- Multi-diffuser Distribution Heads and Oversized Laterals Improve Filtration and Lengthen Filter Cycle Time
- Robust PVC and ABS injection-molded internals with slotted laterals provide high performance and resistance in corrosive applications
- Valve and pressure gauge configuration offer durability and increased accuracy
- NSF/ANSI 50 Listed

OPTIONS

- Hayward GG Series Gauges & Gauge Guards for Saltwater Applications
- Multiport Valve
- Hayward BYV Series Butterfly Valves
- Hayward TBH Series True Union Ball Valves

APPLICATIONS

- Aquariums & Zoos
- Aquaculture and Fisheries
- Water Features
- Leisure Centers

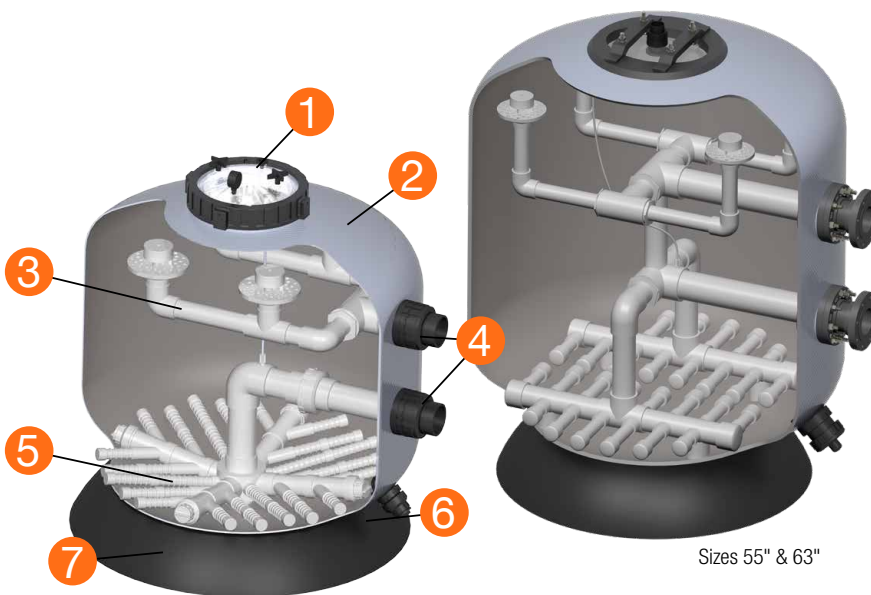
NOTE: Hayward GG Series Gauges & Gauge Guards are Recommended for Saltwater Applications supporting sealife. See reverse for options.



Sizes 55" & 63"


 Certified to
NSF/ANSI 50

Sizes 42" & 48"



Sizes 55" & 63"

Sizes 42" & 48"



HCF SERIES

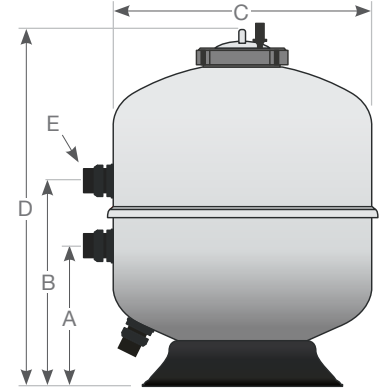
BOBBIN WOUND SAND FILTERS

42" TO 63"

TECHNICAL INFORMATION, CONTINUED

PARTS LIST / 2D DRAWINGS

- | | |
|-----------------------------------|--------------------|
| 1. 8" Manway | 5. Laterals |
| 2. Gel-coated Filament-wound Body | 6. Drain Port |
| 3. Multi-diffuser Head | 7. Fiberglass Base |
| 4. PVC True Union End Connection | |



GAUGE GUARDS & GAUGES FOR SALTWATER APPLICATIONS

DESCRIPTION	PART NUMBER
GG Series PVC Gauge Guard (1/4"x1/4")	GG125X25
GG Series PVC Gauge Guard with Standard Gauge (1/4"x1/4", 0-60 PSI)	GG125X25060
GG Series PVC Gauge Guard with Stainless Steel Gauge (1/4"x1/4", 0-60 PSI)	GG125X25160SL

Optional Gauge Guards & Gauges sold separately.

DIMENSIONS

FILTER PART NUMBER	A in / mm	B in / mm	C in / mm	D in / mm	E in / DN	SAND QTY. LBS / KG	INSTALLATION CLEARANCE in / mm	
							VERT.	HOR.
HCF342C	19.64 / 498	31.46 / 799	42.00 / 1066	48.66 / 1235	3 / 80	1400 / 635	18 / 457	4 / 102
HCF348C	27.12 / 688	38.94 / 989	48.00 / 1219	58.03 / 1473	3 / 80	2250 / 1020	18 / 457	4 / 102
HCF455C	31.90 / 810	48.94 / 1243	55.00 / 1397	74.50 / 1892	4 / 100	5300 / 2404	18 / 457	4 / 102
HCF663C	28.22 / 716	47.22 / 1199	67.25 / 1708	75.82 / 1925	6 / 150	6800 / 3084	18 / 457	4 / 102

TECHNICAL SPECIFICATIONS & PERFORMANCE DATA

Part Number	HCF342C		HCF348C		HCF455C		HCF663C	
Size of Fiberglass Sand Filter	42"		48"		55"		63"	
Filtration Area/ft ² /M ²	9.62	0.89	12.56	1.17	16.49	1.53	21.64	2.01
Filtration Rate GPM/ft ²	5-20		5-20		5-20		5-20	
Filtration Flow Rate at 12 GPM/ft ² (GPM) (LPM)	118	446	150	570	197	748	260	981
Filtration Flow Rate at 15 GPM/ft ² (GPM) (LPM)	147	559	201	762	247	937	325	1230
Filtration Flow Rate at 20 GPM/ft ² (GPM) (LPM)	197	745	268	1014	330	1249	433	1639
Backwash Flow Rate GPM/ft ²	5-20		5-20		5-20		5-20	
Maximum Working Pressure (PSI)	50		50		50		50	
Multiport Valve Part Number	HCV375C		HCV375C		HCV475C		-	
Inlet/Outlet Connection Type	Union/ANSI Flange		Union/ANSI Flange		Union/ANSI Flange		ANSI Flange	
Inlet/Outlet Port Diameter	3"		3"		4"		6"	



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