



## HCF Series

## SAND FILTERS



**5** YEAR  
WARRANTY



### HIGH-PERFORMANCE FILTRATION ENGINEERED TO STAND THE TEST OF TIME.

HCF Series sand filters set a new standard for performance and longevity in the recreational aquatics market. Designed to efficiently lengthen filter cycles, they are also simple to install and maintain, giving you years of effective, worry-free filtration performance.



#### OPTIMIZED FILTER DESIGN

Multi-diffuser distribution heads and oversized laterals help HCF sand filters distribute water more evenly, lengthening filter cycle time and improving overall filtration effectiveness. An industrial valve and pressure gauge configuration offer increased durability and accuracy.



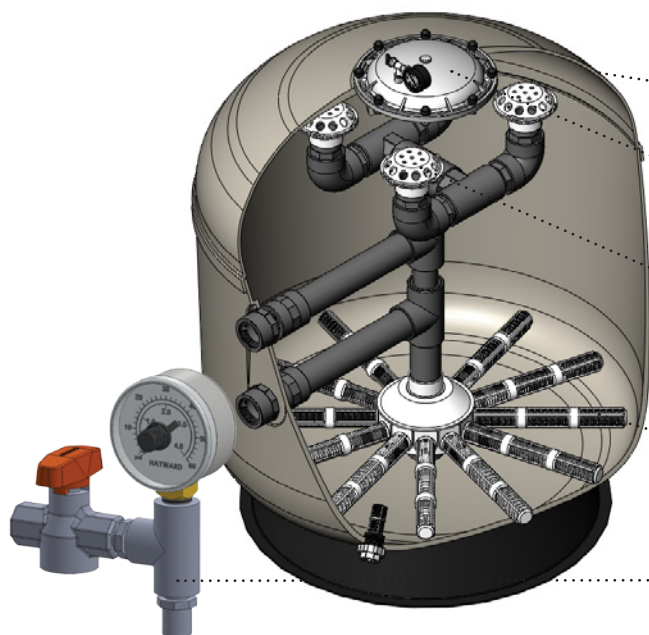
#### POWERFUL CORROSION RESISTANCE

Proprietary, corrosion-proof resins, fiberglass and a UV-protected gel coat protect HCF sand filters against the elements and prevent blooming. The commercial-grade PVC and ABS injection-molded 360° slotted laterals are also resistant against corrosion.



#### HASSLE-FREE SERVICE AND INSTALLATION

The 34" HCF sand filter fits through standard 36" doorways with no need to remove the door frame. The transparent manway design simplifies operation and improves durability.



**UV-protected gel coat** protects the filter from the elements

**Transparent manway design** simplifies operation and improves durability

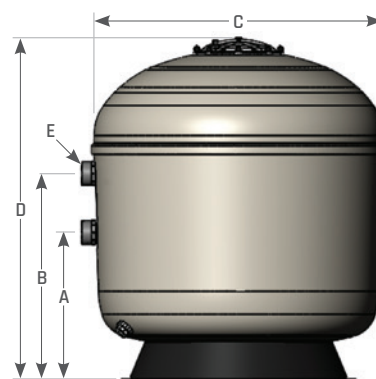
**Dual-Head (HCF230) or Quad-Head (HCF234 and HCF236) Diffusers** provide optimized distribution

**Commercial-grade PVC and ABS injection-molded internals** with 360° slotted laterals provide high performance and resistance in corrosive applications

**Industrial valve and pressure gauge configuration** offer durability and increased accuracy

## DIMENSIONS

FILTER MODEL NUMBER	DIMENSIONS (INCHES)					FILTER AREA		MAX FLOW RATE		FILTER SAND QTY. (LBS.)	INSTALLATION CLEARANCE (INCHES)	
	A	B	C	D	E	SQ. FT.	SQ. M.	GPM	LPM		VERTICAL & HORIZONTAL	
HCF230	16.5	24	31.49	43.48	2	5.0	.46	100	378	600.0	4	
HCF234	18.75	26.25	33.85	43.48	2	6.0	.59	120	477	950.0	4	
HCF236	18.75	26.25	37.4	43.48	2	7.2	.67	143	541	1200.0	4	



## TECHNICAL SPECIFICATIONS & PERFORMANCE DATA

PART NUMBER	HCF230	HCF234	HCF236
Size of Fiberglass Sand Filter	30"	34"	36"
Filtration Area/ft <sup>2</sup>	5.0	6.0	7.2
Filtration Rate GPM/ft <sup>2</sup>	5 - 20	5 - 20	5 - 20
Filtration Flow Rate at 15 GPM/ft <sup>2</sup> (GPM)	75	90	108
Filtration Flow Rate at 20 GPM/ft <sup>2</sup> (GPM)	100	120	143
Backwash Flow Rate (GPM)	25 - 100	30 - 120	36 - 143
Maximum Working Pressure (PSI)	50	50	50
Installation Top Clearance	24"	24"	24"
Installation Side Clearance	4"	4"	4"
Inlet/Outlet Connections	2"	2"	2"
Carton Dimensions (L x W x H)	38 x 38 x 44	38 x 38 x 44	38 x 38 x 44
Carton Weight (lbs.)	80.0	100.0	120.0

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