

HCF UNI-SERIES

Bobbin wound filters compliant with standard UNI 10637/2024



5

YEARS OF WARRANTY



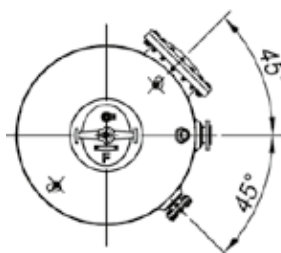
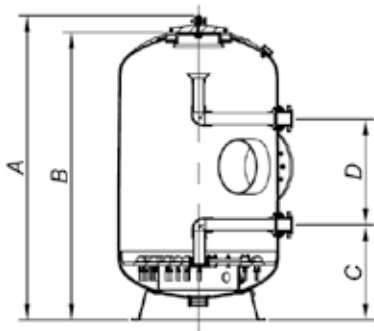
High-performance filters

- Sand filters made from bobbin-wound glass fibre yarn impregnated with polyester resin (GFRP technology)
- Filters conforming to the Italian regulation UNI 10637/2024
- Wide range diameter from 1 050 mm to 2 500 mm
- Operating pressure: 0.5 to 2.0 bar
- Maximum pressure: 2.5 bar
- Filtration bed depth: 1 m
- Sand outlet diameter 63 or 90 mm, water drain 1"
- Ball valve for air relief

AS STANDARD:

- Nozzle plate,
- Top manhole
- Side manhole (oval: 400 x 295 mm or round: Ø 400 mm)
- Sight glass 90 mm (Ø 1050 mm up to Ø 1400 mm)
- Sight glass 125 mm (Ø 1600 mm up to Ø 2500 mm)
- Manometer with maximum pressure indicator

► Wide range of diameters:
1 050 mm to 2 500 mm



Dimensions

Reference	Diameter (mm)	Connection (mm)	Filtration rate m³/h/m²	Flow rate m³/h	Weight (kg)	Filtration area (m²)	Sand (0.4-0.8) weight (kg)	Gravel (1-2) weight (kg)	Glass Media weight (kg)	A	B	C	D
HCFZ40754WVN	1 050	75	35	30	215	0.86	1 150	150	1160	2 259	2 132	675	820
HCFZ40904WVN	1 050	90	40-50	34-43	215	0.86	1 150	150	1160	2 259	2 132	675	820
HCFZ47754WVN	1 200	75	28	31	245	1.13	1 525	175	1520	2 330	2 190	725	810
HCFZ47904WVN	1 200	90	35-40	39-45	245	1.13	1 525	175	1520	2 330	2 190	725	810
HCFZ55904WVN	1 400	90	30	46	310	1.54	2 075	250	2080	2 304	2 177	735	815
HCFZ551104WVN	1 400	110	35-40	54-62	310	1.54	2 075	250	2080	2 304	2 177	735	815
HCFZ631104WVN	1 600	110	35	70	370	2.01	2 725	325	2720	2 399	2 272	780	850
HCFZ631254WVN	1 600	125	40-45	80-90	370	2.01	2 725	325	2720	2 399	2 272	780	850
HCFZ701104WVN	1 800	110	28	71	425	2.54	3 450	375	3440	2 430	2 290	810	800
HCFZ701254WVN	1 800	125	35	89	425	2.54	3 450	375	3440	2 430	2 290	810	800
HCFZ701404WVN	1 800	140	40-45	101-114	425	2.54	3 450	375	3440	2 430	2 290	810	800
HCFZ791254WVN	2 000	125	30	94	495	3.14	4 250	475	4240	2 476	2 350	810	800
HCFZ791404WVN	2 000	140	35	110	495	3.14	4 250	475	4240	2 476	2 350	810	800
HCFZ791604WVN	2 000	160	40-45	125-141	495	3.14	4 250	475	4240	2 476	2 350	810	800
HCFZ921604WVN	2350	160	35-40	152-173	745	4.33	5850	650	5860	2800	2665	980	820
HCFZ922004WVN	2350	200	45-50	195-216	745	4.33	5850	650	5860	2800	2665	980	820
HCFZ982004WVN	2 500	200	35	172	875	4.9	6 625	750	6620	2 700	2 560	1 080	550
HCFZ982254WVN	2 500	225	40-50	196-245	875	4.9	6 625	750	6620	2 700	2 560	1 080	550

Additional Diameters and Pressure under request.