

EQ3V

SAND MEDIA DUAL FILTERS

Description

Four chamber sand media filter with plate and "mushroom" diffuser drainage. It combines the functions of a sand media filter battery in a compact and transportable body. Complete with 3-way valves and ready to be automated.



Flow rate
80 - 160 m³/h



Filtration Surface
22700 cm²



Diameters
6" (DN150)

Advantages

- ✓ Unique **four chamber** DN150 model
- ✓ Handles high capacities while maintaining a **compact and transportable structure**.
- ✓ Large, easy to open, **oval inspection and load hatches**



Construction materials

FILTER BODY	Structural steel
MANIFOLDS	Structural steel
COATING	Polyester powder coating (min. thickness 160 micron)
DIFFUSERS	Polypropylene
FILTERING ELEMENT	Sand (recommended grain size: 0.8 - 1.2 mm)
GASKETS	EPDM
ACCESSORIES	Polypropylene

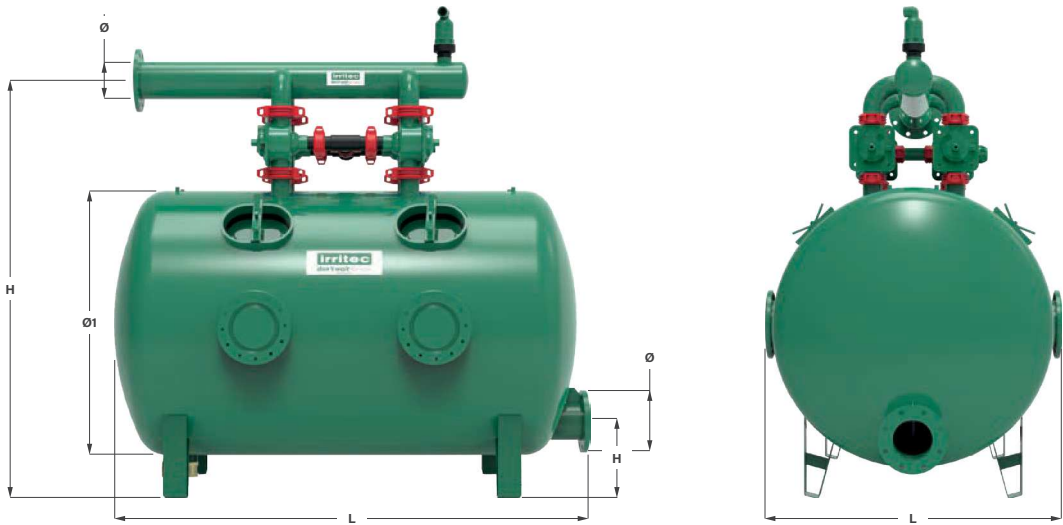
Conditions of use

PH RANGE	4<pH<11
MAX TEMPERATURE	60 °C / 140 °F
MAX PRESSURE	8 bar at 20°C
MIN PRESSURE	2.5 bar (backwash stage)

EQ3V **SAND MEDIA**
DUAL FILTERS

Selecting the correct model

General Specifications	BODY DIAMETER	1200 mm
	CONNECTIONS	6"
	CONNECTION TYPE	Flanged
	QUANTITY OF SAND	1600 kg
	FILTERING SURFACE	22700 cm²
	MAXIMUM FLOW RATE	160 m³/h
	FILTERING CAPACITY	VERY HIGH
Backwash Data	MINIMUM FLOW RATE	35 m³/h
	MINIMUM PRESSURE	2.5 bar
	MIN TIME BACKWASH	60 - 120 sec.
	BACKWASH CRITERIA	ΔP max 0.5 bar - washing cycles according to water quality
Applications	 AGRICULTURE	Primary filtration of "difficult" water - medium-large systems
	 LANDSCAPE	



Ø body (mm)	Connections		Code	Number of Nozzles	Flow rate (m³/h)	L (mm)	L1 (mm)	H1 (mm)	H2 (mm)	Weight (kg)
1200	6"	flanged	IFEQ3V60F	192	80÷160	2200	1350	300	1850	860

