

FLAMEC

A NEW GENERATION OF
**MICRO AND ULTRA
FILTRATION FILTERS**



MOVENGINEERING
INDUSTRIAL ENGINEERING

FLAMEC

INNOVATIVE ULTRAFILTRATION TO REMOVE FROM LIQUIDS:

- SUSPENDED SOLIDS
- COLLOIDS
- MICROBIOLOGICAL LOADS
- MOLECULAR AGGREGATES
- PIGMENTS
- MICROPLASTICS

MAIN CHARACTERISTICS

- FLAT MEMBRANES SYSTEM
- TANGENTIAL FLOW FILTRATION
- NO SPACERS ON THE CONCENTRATE SIDE
- LOW TRANS-MEMBRANE PRESSURE
- **NO AUTOMATIC VALVES, INVERTER, PLC AND REGULATING INSTRUMENTATION**
- FOULING CONTROL **WITHOUT BACKFLUSH, COMPRESSED AIR OR MECHANICAL ACTIONS ON THE MEMBRANES**
- MODULAR SYSTEMS
- LARGE FILTERING AREA IN REDUCED VOLUMES

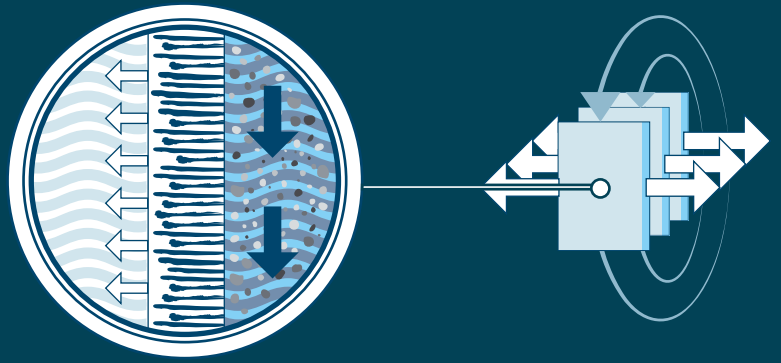
PERFORMANCE

- UP TO 150 L/m²h FLOW
- LOW TRANS MEMBRANE PRESSURE: MAX 0,5 BAR
- ULTRAFILTRATION OF WATER WITH TURBIDITY UP TO 100 NTU AND SDI ABOVE 6
- CONTINUOUS AND STABLE PERMEATE FLOW OVER LONG PERIODS OF TIME
- LOW ELECTRICAL CONSUMPTION: 0,2-0,3 kW/h PER m³ OF PERMEATE
- LOW CHEMICALS CONSUMPTION (ONLY USED FOR THE CIP)
- EASY TO MANAGE

SIMPLE AND BASIC, NO SPECIALLY SKILLED OPERATORS REQUIRED, IDEAL FOR STAND-ALONE UNGUARDED LOCATIONS

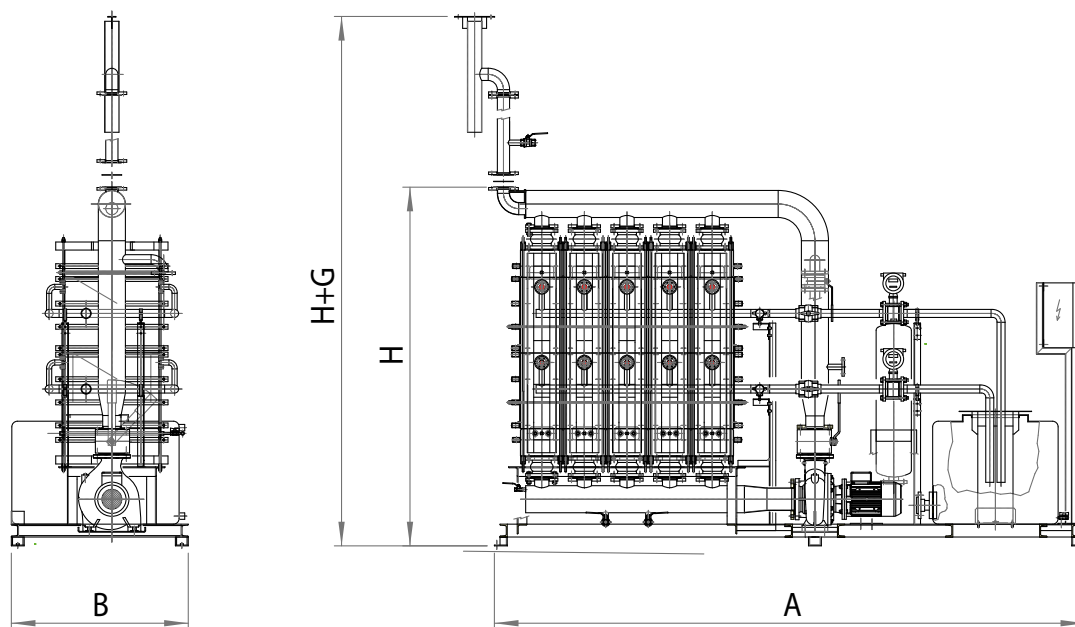


- DRASTIC REDUCTION IN:**
- ▀ TURBIDITY (NTU)
 - ▀ SILT DENSITY INDEX (SDI)



- ▀ PERMEATION WITH TANGENTIAL FLOW ON FLAT MEMBRANES
- ▀ NO SPACERS IN THE MEMBRANE PACK ON THE CONCENTRATE SIDE
- ▀ HIGH FOULING RESISTANCE





MODEL FLAMEC FP3	OVERALL DIMENSION [mm]		WEIGHT [Kg]	PERMEATE CAPACITY [m³/h] *	POWER [kW]
	FOOTPRINT	HEIGHT	OPERATING	MAXIMUM	INSTALLED
UF K200 - P	2200 x 1200	1700	1300	3	2,1
UF K200 - 1	2350 x 1200	2200	1500	6	2,1
UF K200 - 2	2800 x 1200	2200	1900	13	2,1
UF K200 - 3	3200 x 1200	2200	2200	20	3,1
UF K200 - 4	3700 x 1200	2250	2500	27	3,7
UF K200 - 5	4100 x 1200	2250	2800	33	4,5
UF K200 - 8	5300 x 1250	2350	3300	53	7,5

*Data based on water with turbidity of 2 NTU, SDI of 5 and transmembrane pressure of 0,5 bar

FLAMEC IS MANUFACTURED
WITH PERMEATE FREE-FALL AND WITH BOOSTER PUMP.



DOWNLOAD THE
DIGITAL CATALOGUE

FLAMEC IS DISTRIBUTED BY



MOVENGINEERING
INDUSTRIAL ENGINEERING

Movengineering Srl

www.movengineering.com

Via Campignano, 6 - 24020 Parre (Bg) Italy

Tel. +39 035 70 35 79 - Fax +39 035 70 35 74

mail@moven.it

VAT 01501620163

Movengineering is a company of
HYM Group



SUSTAINABLE
ENGINEERING