

VAF EM-60K Series Suction Scanner - Electric Mega

Automated Vertical 'L'
Self-Cleaning Screen Filter

EM-60K Specifications

Inlet / outlet 16" to 54"

Materials

- Filter body
 - Carbon Steel; Polyester or Epoxy Coated Standard, Other options available
- Screen
 - 316L std. - SMO254 or similar (seawater) Protected with PVC

Screen Area • 17,000 cm² per screen (2,635 in²)

Total Screen Area • 68,000 cm² per filter (10,540 in²)

Filtration Range • 10 to 3,000 micron

Max Flow Rates • 14,000 m³/hr (61,600 gpm)

Min Flushing Flow (3" valve) • 50 m³/hr (220 gpm)

Min Flushing Flow (4" valve) • 80 m³/hr (350 gpm)

Max Working Pressure • up to 10 bar (150 psi)

EM-60K Specifications (continued)

Min Operating Working Pressure During Flushing • 2.5 bar (35 psi)

Clean Screen Pressure Loss • up to 0.1 bar (1.5 psi)

Max WaterTemp • 65° C (150° F)

Flush Cycle • Occurs when DP across the filter reaches 0.5 bar (7psi)

Flushing Time Per Cycle • 15 seconds

Waste Water During Flushing Time • 350 liters (93 gpm)

Controls • PLC system

Electrical • 220 VAC/3 PH
• 24 VAC

VAF Filtration Systems

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Dimensions

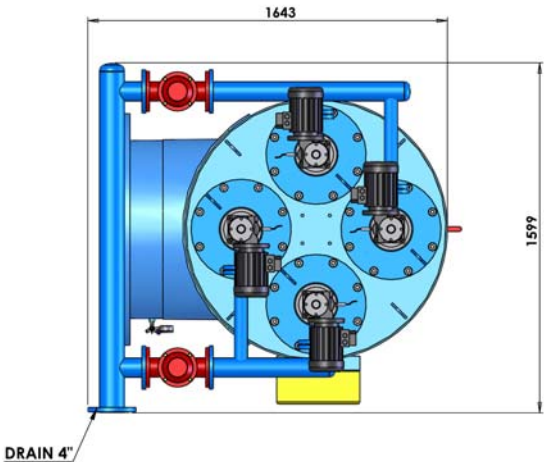
EM-60K Typical Drawing*

*Shown in millimeters
Flange Sizes to 54"

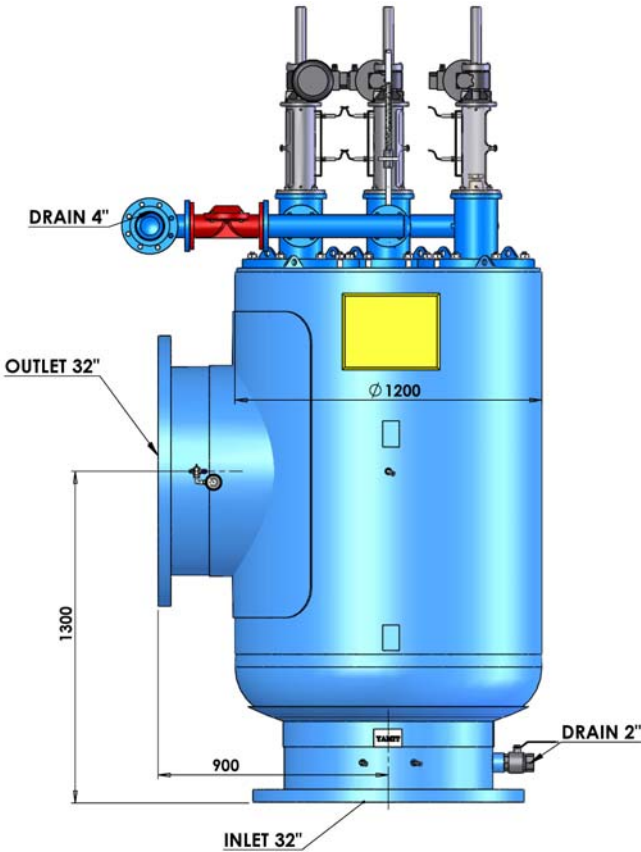
EM-60K Series Model Numbers

VAF MODEL
EM-60K-XX-XXX
XXX = Micron size

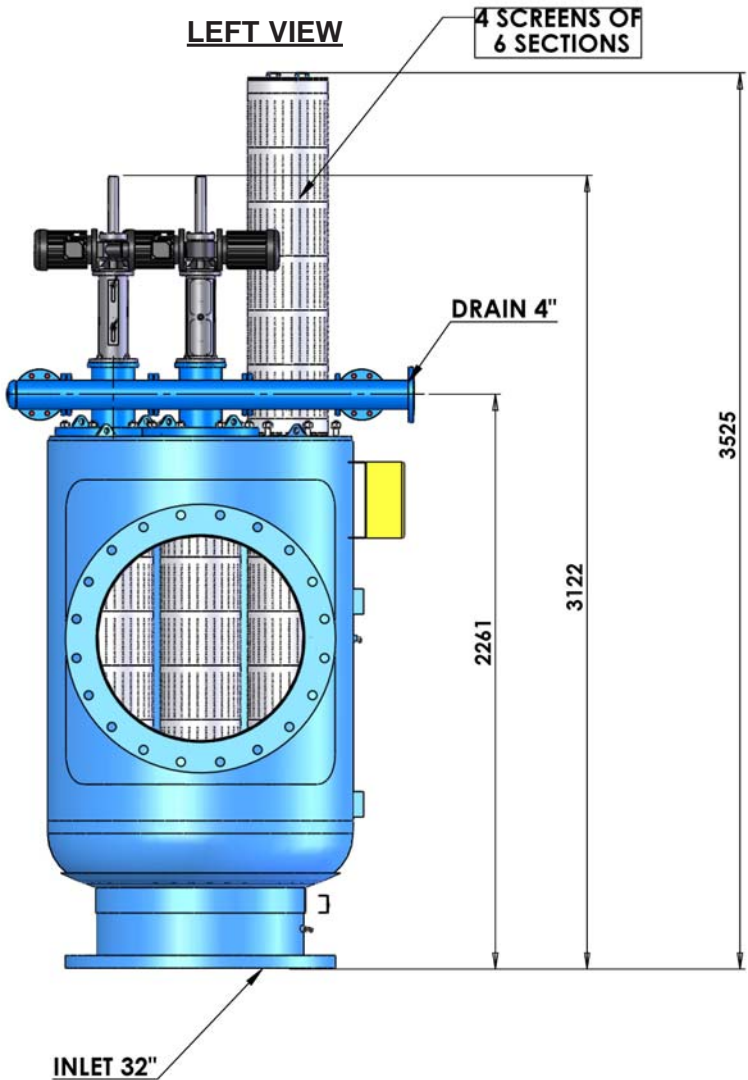
TOP VIEW



FRONT VIEW



LEFT VIEW



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