

HYDROMATIC® HE8-51P/HE12-51P/HE20-51P HIGH HEAD FILTERED EFFLUENT PUMPS

HYDROMATIC HIGH HEAD FILTERED EFFLUENT PUMPS ARE DESIGNED SPECIFICALLY FOR HIGH PRESSURE APPLICATIONS.

These high performance, high head pumps are proved to be cost effective solutions for pumping filtered effluent from processed wastewater systems.

Features

- High pressure capacity
- Corrosion resistant design for long life.
- UL and CSA listed.
- Dependable field-proven motor.
 - Stainless steel construction
 - Built-in overload and electric surge protection
 - Replaceable 10' jacketed power cord
 - Hermetically sealed windings
 - Continuous duty rating
- Frequent cycling capabilities.
 - 1/2 HP - 300 starts/24 hours
- Powerful, yet lightweight.
- Easy handling and installation.



Double Screened



HYDROMATIC® HE8-51P, HE12-51P, HE20-51P HIGH HEAD FILTERED EFFLUENT PUMPS

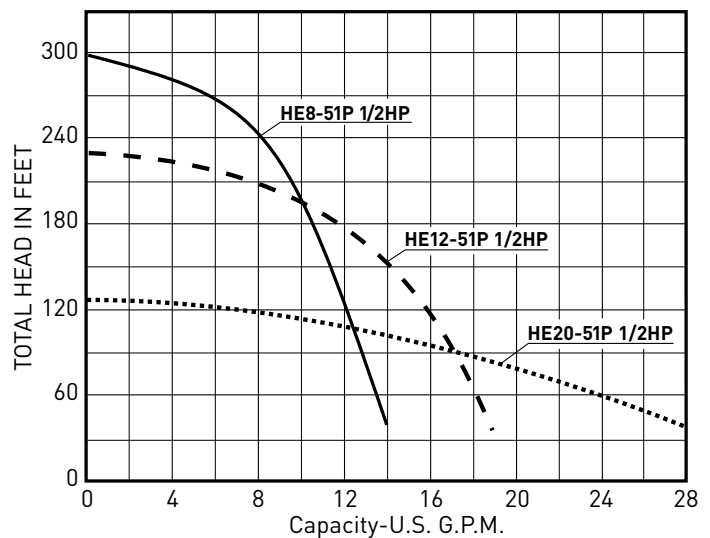
Pump Characteristics

Pump/Motor Unit	High Head Filtered Effluent Pump
Capacities To	28 GPM
Heads To	290 Feet
Max. Spherical Solids	1/16" Diameter
Liquids Handling	Filtered Effluent
Max Liquid Temp.	122° F
Motor Electrical Data 60 Hz/ 3450 RPM	1/2 HP, 115 volts. 1 ph. 60 Hz. 3450 RPM
Motor Rating	Continuous Duty
Max. Motor Starts/24 Hours	300 (1/2 HP)
Third Party Listings	UL, CSA
Specific Gravity	.9 - 1.1
Viscosity	28 - 35 SSU
Discharge. NPT	1-1/4" (8, 12, & 20 GPM)
Shell	300 Series SST
Shaft and Coupling	300 Series SST
Suction Bowl 8,12, 20 GPM	Chemically Resistant Reinforced Nylon

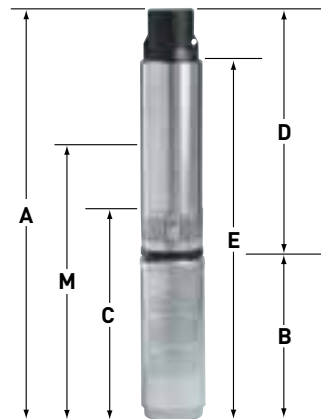
Materials of Construction

Part Name	Material
Discharge Bowl 8, 12, 20 GPM	Corrosion Resistant Reinforced Polycarbonate
Staging 8, 12, 20 GPM	Premier Teflon® Reinforced Polyester
Built-in Check Valve 8, 12, 20 GPM	Premier Teflon® Reinforced Polyester
Thrust Washer	Phenolic
Fasteners	300 Series SST
Impeller Wear Ring	300 Series SST
Shell and End Caps	SST
Spline Shaft	SST
Electrical Protection	Built-in Overload and Surge Arrestor
Third Party Listings	UL,CSA
Replaceable Motor	14-3 Jacketed Type SJOW-A
Lead Wire Assembly	UL and CSA Recognized
Windings	Hermetically
Motor Mounting	NEMA

Performance Data



Dimensional Data



MODEL	A	B	C	D	E	M	DISCHARGE
HE8-51P	25-1/2"	10-3/4"	13-1/4"	16"	22"	20-3/4"	1-1/4"
HE12-51P	24-1/2"	10-3/4"	13-1/4"	15"	21"	21-1/4"	1-1/4"
HE20-51P	24-1/2"	10-3/4"	13-1/4"	15-1/4"	21-1/4"	21-1/4"	1-1/4"

All dimensions in inches. Metric for international use. Component dimensions may vary ± 1/8 inch. Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate. On/Off level adjustable.



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