

**NEW!**

FEATURING  
NEW HP 33/50 manual  
and SHEF42 cast iron



# HYDROMATIC<sup>®</sup> EFFLUENT PUMPS

# EFFLUENT PUMPS

## Features

### RELIABLE AND TOUGH

- Rugged, oil-cooled motor provides continuous bearing lubrication and maximizes heat dissipation

### EXTENDED SERVICE

- Lubricated ball bearings and shaft seal for longer service life

### EXTENDED LIFE

- Shaded pole motor eliminates failure-prone switches and relays

### MOTOR PROTECTION

- Long-life carbon/ceramic seal protects motor against water leakage

### THERMAL OVERLOAD

- Heat sensor overload protection with automatic reset when motor cools to safe operating temperature

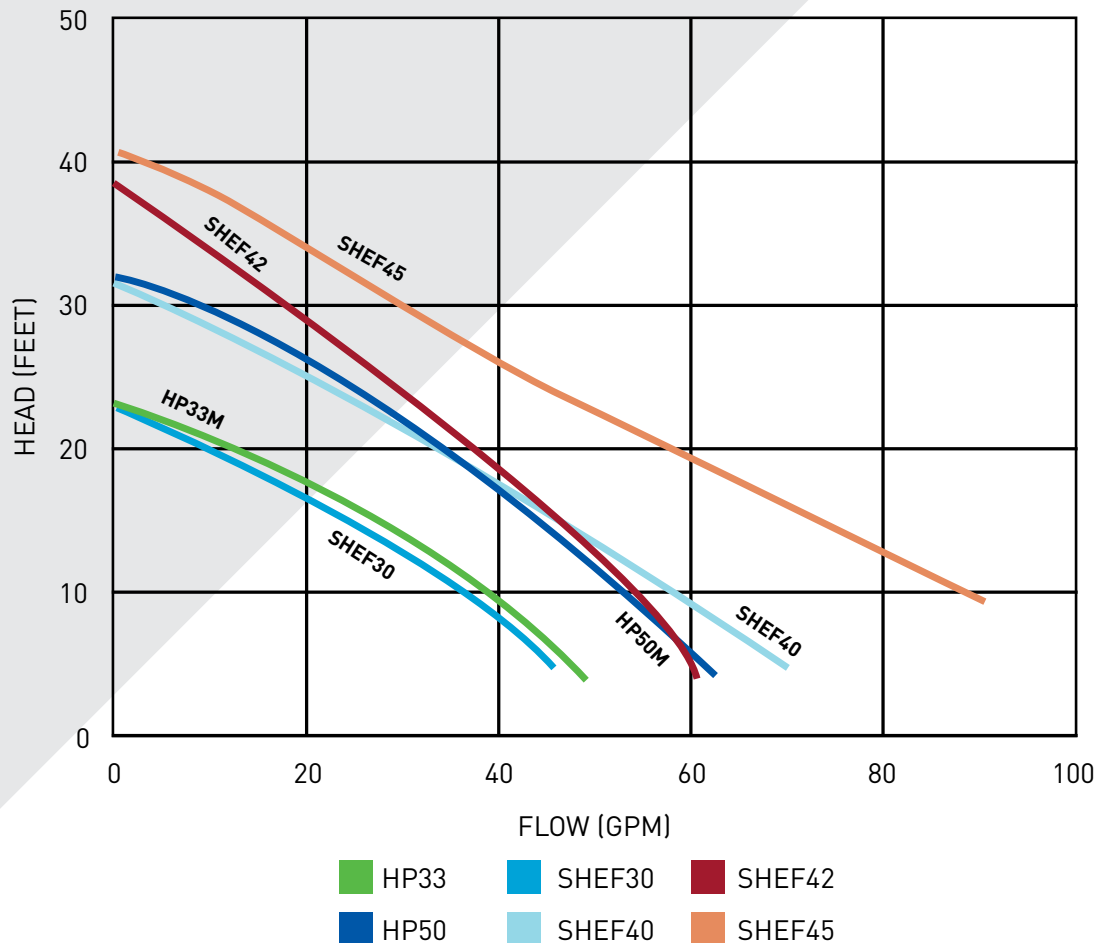
### NO DRILLING REQUIRED

- Anti-airlock hole in base reduces added labor

### EASY SERVICEABILITY

- Pump, intake screen volute base, switch and power cord are serviceable

## Family Curve



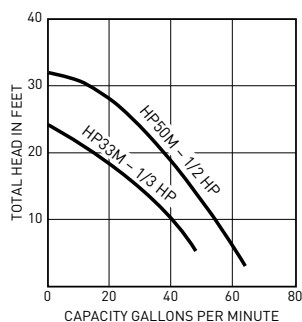
# EFFUENT PUMPS

## Specifications

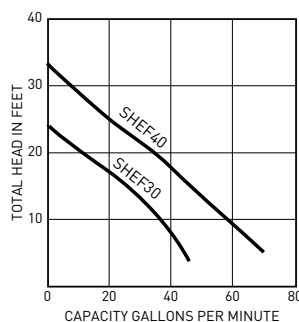


	HP33M/50M	SHEF30	SHEF40	SHEF42	SHEF45
<b>Capacities</b>	48 GPM 62 GPM	Up to 44 GPM	Up to 70 GPM	60 GPM	Up to 87 GPM
<b>Shut-off Head</b>	Up to 32'	Up to 24'	Up to 35'	40'	Up to 44'
<b>Operation</b>	Manual	Automatic or manual	Automatic or manual	Automatic or manual	Automatic or manual
<b>Solids Handling</b>	1/2"	3/4"	3/4"	3/4"	3/4"
<b>Liquids Handling</b>	Domestic effluent and drain water	Domestic effluent and drain water	Domestic effluent and drain water	Domestic effluent and drain water	Domestic effluent and drain water
<b>Liquid Temp</b>	Continuous 130°F	Intermittent 120°F	Intermittent 120°F	Continuous 130°F	Intermittent Up to 140°F
<b>Motor Electrical Data</b>	1/3 HP, 9.8A; 1/2 HP, 12A; shaded pole with thermal overload protection, 115V, 1Ø, 60Hz, 1550 RPM	3/10 HP shaded pole with thermal overload protection, 1550 RPM	4/10 HP shaded pole with thermal overload protection, 1550 RPM	4/10 HP, 3450 RPM, PSC with thermal overload, 115V, 1ØFLVA, 1Ø, 60Hz	1/2 HP PSC with thermal overload protection, 3450 RPM
<b>Acceptable pH Range</b>	6-9	6-9	6-9	5-9	5-9
<b>Shaft Seal</b>	Carbon and ceramic mechanical seal	Carbon and ceramic mechanical seal	Carbon and ceramic mechanical seal	Carbon and ceramic mechanical seal	Carbon and ceramic mechanical seal
<b>Housing/Volute</b>	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
<b>Volute Base</b>	Fiberglass reinforced polypropylene	Fiberglass reinforced polypropylene	Fiberglass reinforced polypropylene	Cast iron	Cast iron
<b>Impeller</b>	Fiberglass-reinforced Noryl®	Thermoplastic vortex	Thermoplastic two-vane semi-open	Thermoplastic, non-clog, vortex type	Cast iron
<b>Exterior Hardware</b>	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
<b>Power Cord</b>	20', 16/3, SJTW-A, SJTW	20', SJTW	20', SJTW (30' optional)	20', 16/3, SJTW-A/SJTW	20', 115V: SJTW-A; 230V 1Ø: 16/3 SWT-A (30', 50' optional)
<b>Discharge, NPT</b>	1-1/2"	1-1/2"	1-1/2"	2"	2"

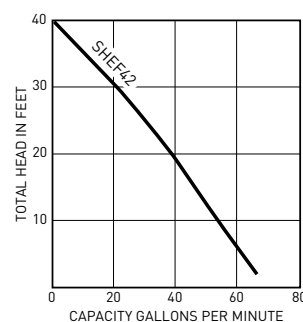
HP33M/50M



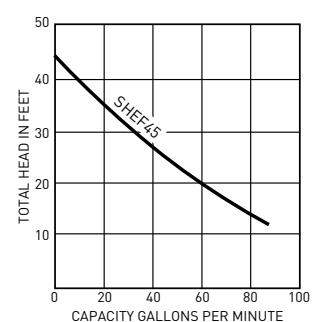
SHEF30/SHEF40



SHEF42



SHEF45



## Exclusively For the Professional.

Professional effluent pumps demand professional support and Hydromatic's outstanding customer service, broad product line, and comprehensive 3 year warranty are your guarantee of quality and performance.



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