PENTAIR

NEW!

FEATURING

NEW HP 33/50 manual and SHEF42 cast iron



HYDROMATIC®
EFFLUENT PUMPS

WWW.HYDROMATIC.COM

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

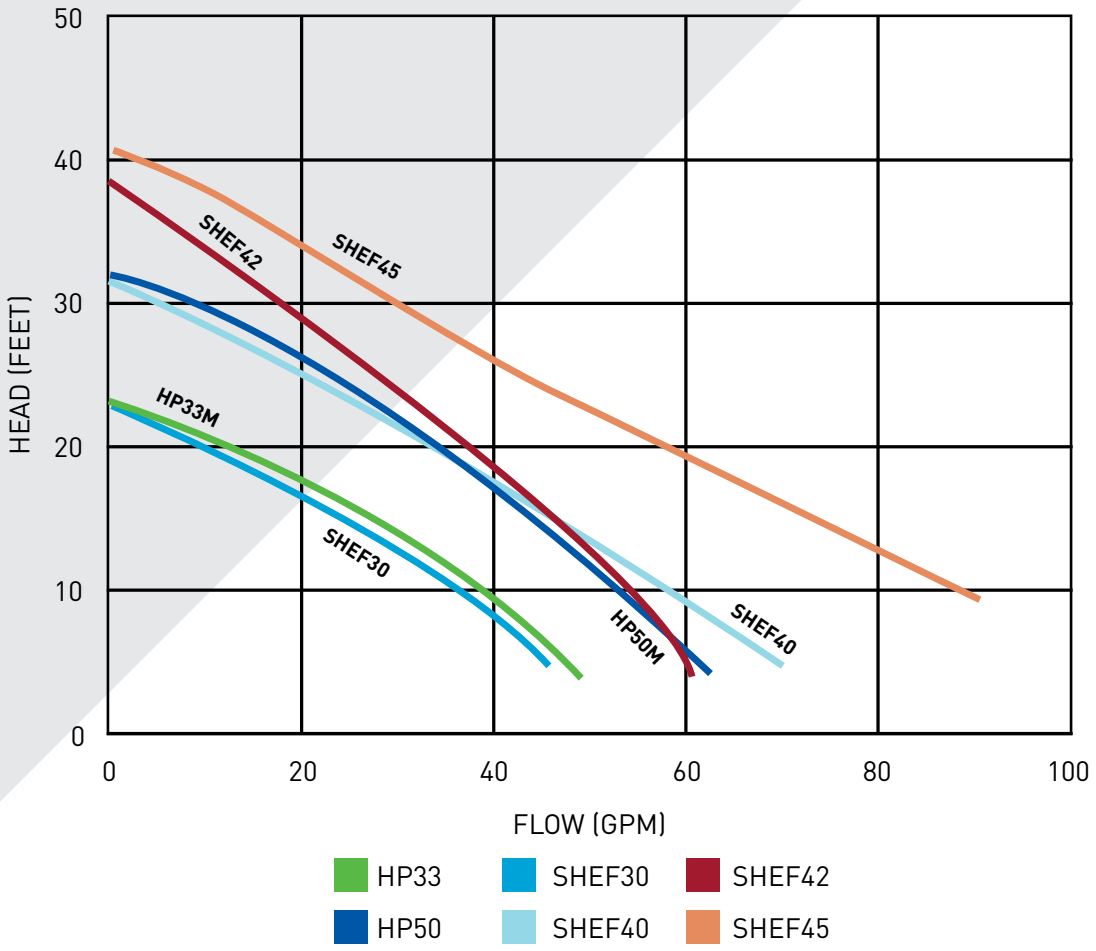
MOTOR PROTECTION
- Long-life carbon/ceramic seal protects motor against water leakage

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

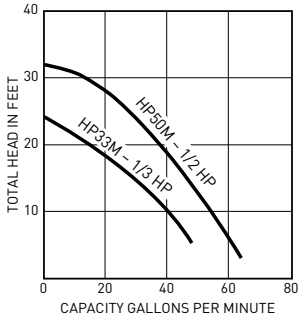




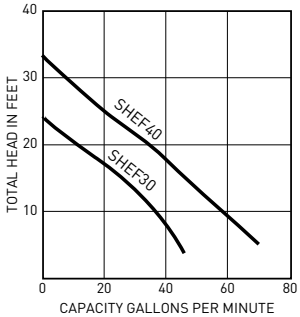


	HP33M/50M	SHEF30	SHEF40	SHEF42	SHEF45
Capacities	48 GPM 62 GPM	Up to 44 GPM	Up to 70 GPM	60 GPM	Up to 87 GPM
Shut-off Head	Up to 32'	Up to 24'	Up to 35'	40'	Up to 44'
Operation	Manual	Automatic or manual	Automatic or manual	Automatic or manual	Automatic or manual
Solids Handling	1/2"	3/4"	3/4"	3/4"	3/4"
Liquids Handling	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
Liquid Temp	Continuous 130°F	Intermittent 120°F	Intermittent 120°F	Continuous 130°F	Intermittent Up to 140°F
Motor Electrical Data	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, 10FLVA, 1Ø, 60Hz	1/2 HP PSC with thermal overload protection, 3450 RPM
Acceptable pH Range	6-9	6-9	6-9	5–9	5–9
Shaft Seal	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
Housing/Volute	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
Volute Base	Fiberglass reinforced polypropylene	Fiberglass reinforced polypropylene	Fiberglass reinforced polypropylene	Cast iron	Cast iron
Impeller	Fiberglass-reinforced Noryl®	Thermoplastic vortex	Thermoplastic two-vane semi-open	Thermoplastic, non-clog, vortex type	Cast iron
Exterior Hardware	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Power Cord	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)
Discharge, NPT	1-1/2"	1-1/2"	1-1/2"	2"	2"

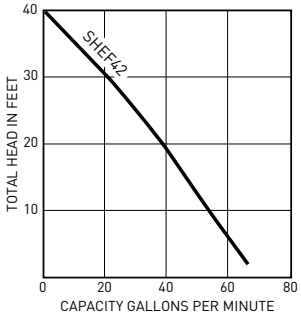
HP33M/50M



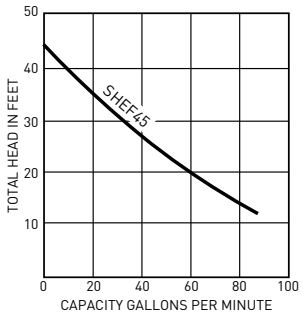
SHEF30/SHEF40



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.

PENTAIR

USA
293 WRIGHT STREET, DELAVAN, WI 53115 WWW.HYDROMATIC.COM
PH: 888-957-8677 ORDERS FAX: 800-426-9446

CANADA
269 TRILLIUM DRIVE, KITCHENER, ONTARIO, CANADA N2G 4W5
PH: 519-896-2163 ORDERS FAX: 519-896-6337

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

© 2012 Pentair Ltd. All Rights Reserved.

W-02-6250 (11/21/12)