HYDROMATIC® HS SERIES RESIDENTIAL SUMP PUMPS CAST IRON VOLUTE MODELS: HS33V1 HS33T1 HS50V1 HS50T1

Specifications

Applications	Basement sumps, dewatering	
Capacities	75 GPM	285 LPM
Shut-off head	25'	7.6 m
Operation: Tethered: On Off Vertical: On Off	14" 5" 7.5" 3"	356 mm 127 mm 190.5 mm 76 mm

Not available with diaphragm pressure switch

Solids handling1/4"6.4 mmLiquids handlingDrain waterup to 60°CIntermittent liquid tempup to 140°Fup to 60°CMotor1/3 HP & 1/2 HP, ±1/3 HP & 1/2 HP, ±Electrical data3450 RPM, 115V, ± MP = 4.1Acceptable pH range6-9±Shaft sealDouble lipMotor housingCast ironVolute case8'a2.4 mPower cord8'a2.4 mDischarge, NPT1-1/2"Min sump diameter Vertical:14" a S56 mm 2.54 mm	Not available with t	napin agin pressare	SWITCH
Intermittent liquid tempup to 140° Fup to 60° CMotor $1/3$ HP & $1/2$ HP, \forall CElectrical data 3450 RPM, $115V$, 10 , $60Hz$ FLA $1/3$ HP = 3.9 , $1/2$ HP = 4.1 Acceptable pH range $6-9$ Shaft sealDouble lipMotor housingZincVolute caseCast ironPower cord8' 2.4 mDischarge, NPT $1-1/2$ "Min. sump diameter Float: 14 " 356 mm	Solids handling	1/4"	6.4 mm
Motor $1/3$ HP & $1/2$ HP, PSCElectrical data 3450 RPM, $115V$, 10 , $60Hz$ FLA $1/3$ HP = 3.9 , $1/2$ HP = 4.1 Acceptable pH range $6-9$ Shaft sealDouble lipMotor housingZincVolute caseCast ironPower cord $8'$ 2.4 mDischarge, NPT $1-1/2"$ Min. sump diameter Float: $14"$ 356 mm	Liquids handling	Drain water	
Electrical data3450 RPM, 115V, 1Ø, 60Hz FLA 1/3 HP = 3.9, 1/2 HP = 4.1Acceptable pH range6-9Shaft sealDouble lipMotor housingZincVolute caseCast ironPower cord8'2.4 mDischarge, NPT1-1/2"Min. sump diameter Float:14"356 mm	Intermittent liquid temp	up to 140°F	up to 60°C
FLA 1/3 HP = 3.9, 1/2 HP = 4.1Acceptable pH range6-9Shaft sealDouble lipMotor housingZincVolute caseCast ironPower cord8'2.4 mDischarge, NPT1-1/2"Min. sump diameter Float:14"356 mm	Motor	1/3 HP & 1/2 HP, PSC	
Shaft sealDouble lipMotor housingZincVolute caseCast ironPower cord8'2.4 mDischarge, NPT1-1/2"Min. sump diameter Float:14"356 mm	Electrical data		
Motor housingZincVolute caseCast ironPower cord8'2.4 mDischarge, NPT1-1/2"Min. sump diameter Float:14"356 mm	Acceptable pH range	6-9	
Volute caseCast ironPower cord8'2.4 mDischarge, NPT1-1/2"Min. sump diameter Float:14"356 mm	Shaft seal	Double lip	
Power cord8'2.4 mDischarge, NPT1-1/2"Min. sump diameter Float:14"356 mm	Motor housing	Zinc	
Discharge, NPT 1-1/2" Min. sump diameter Float: 14" 356 mm	Volute case	Cast iron	
Min. sump diameter Float: 14" 356 mm	Power cord	8'	2.4 m
Float: 14" 356 mm	Discharge, NPT	1-1/2"	
	Float:		

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Features

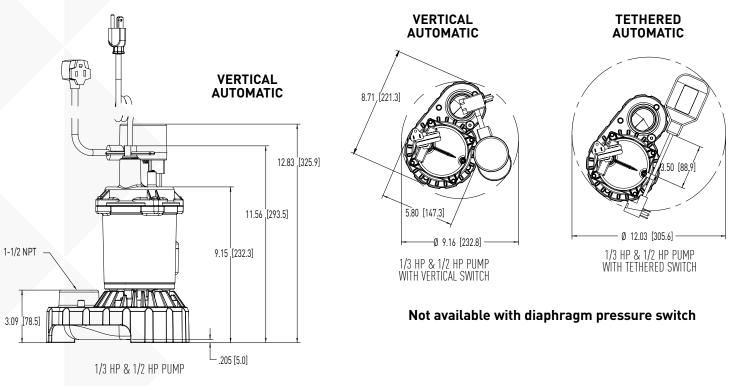
- Versatility for many light-duty jobs
- Designed for drain water removal or permanent applications with small amounts of debris
- Maintenance-free operation
- Wide-angle or vertical mechanical switch for small 10" diameter sumps
- Dual ball-bearing motor and double lip seal provide durability and longer pump life
- Durable PSC motor for years of service
- Oil-filled PSC motor for maximum heat dissipation, continuous bearing lubrication
- Thermal overload protection with automatic reset
- CSA Listed



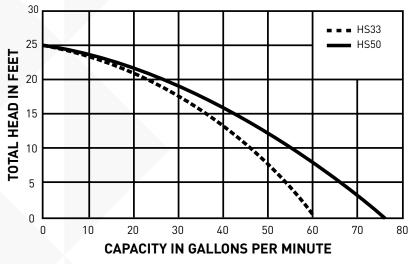


HYDROMATIC® HS SERIES **RESIDENTIAL SUMP PUMPS**

Dimensions



Performance Curve



PENTAIR

USA

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