

cast iron submersible sewage pumps







The SC7/SCC7 Series Pumps are rugged, cast iron, submersible pumps with non-clog vortex impellers and solids handling capability to 2". Available with 1/2 or 3/4 HP, 115 Volt or 230 Volt single-phase or 208-230 Volts three-phase motor complete with 20' power cord. The SC7 Series have a 2" NPT vertical discharge. The SCC7 Series have a 3" NPT vertical discharge. A full selection of accessories for automatic operation is available, and

includes float switches, simplex controllers, duplex controllers, basins, alarms and check valves.

APPLICATIONS*

- Sewage, Effluent and Wastewater Removal and Transfer
- Sump Drainage
- Dewatering
- Flood Control

*Oil-filled pumps are not appropriate for use in applications with fish.

In order to provide the best products possible, specifications are subject to change.

SC7/SCC7 SERIES

SPECIFICATIONS

Volute Casing – Cast iron **Impeller** – Cast iron

Upper and Lower Motor Housing – Cast iron

Mechanical Seal – Type 6A or equal, Buna-N elastomers, silicon carbide seal faces, stainless steel metal parts

Bearings – Ball type, oil lubricated **Lower Motor Housing O-Ring** – Buna-N

Exterior Hardware and Nameplate – Stainless steel Motor* – 1/2 and 3/4 HP, 1725 RPM, 115 Volt or 230 Volt single-phase or 230 Volt three-phase, 60 Hz. Oil-filled. Permanent split capacitor. Built-in thermal overload protection with automatic reset. Stainless steel motor shaft and impeller lock nut.

Power Cord – *Single Phase*: 20' oil and water resistant 16-3 SJTW-A/SJTW with UL Listed integrally grounded three-prong plug. *Three Phase*: 20' oil and water resistant 16-4 STW-A/STW

Maximum Liquid Temperature Limits - 130°F (55°C)

Oil-Filled Capacitor – Greatly enhances the continuous duty motor rating.

FEATURES

Solids Handling – 2" spherical capability

Bearings and Mechanical Seal – Permanently lubricated for long life.

Impeller – Non-clog vortex style with integral rim to reduce casing and impeller wear.

Overload Protection – Built-in thermal overload with automatic reset on single phase.

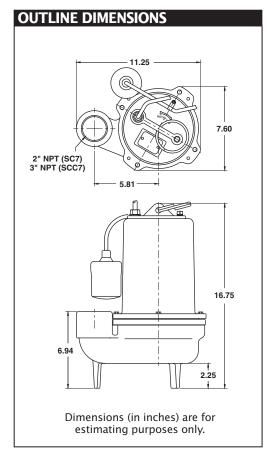
Stainless Steel Hardware – Allows for easy disassembly after extended service.

Cord Design – In-field replaceable 50' cord available.

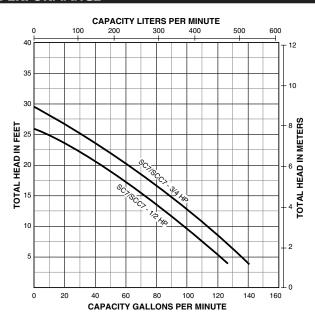


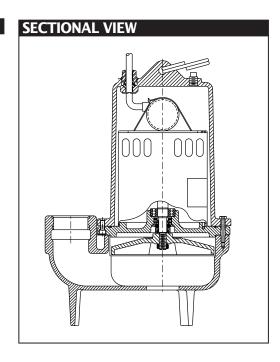
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ORDERIN	NG	NFO	RMAT	ON					
Catalog*		Max. Load		Phase/	Cord	Mechanical Switch	Dis-	Switch Setting	
Number	HP	Amps	Volts	Cycles	Length	Type	charge	On	Off
SC7 SERIES									
SC750120M	1/2	11.2	115	1/60	20'	Manual	2" NPT	_	_
SC750120T	1/2	11.2	115	1/60	20'	Tethered	2" NPT	20"	11"
SC750220M	1/2	5.5	230	1/60	20'	Manual	2" NPT	_	_
SC750220T	1/2	5.5	230	1/60	20'	Tethered	2" NPT	20"	11"
SC750320M	1/2	4.0	208-230	3/60	20'	Manual	2" NPT	_	_
SC750420M	1/2	2.0	460	3/60	20'	Manual	2" NPT	_	_
SC775120M	3/4	12.0	115	1/60	20'	Manual	2" NPT	_	_
SC775120T	3/4	12.0	115	1/60	20'	Tethered	2" NPT	20"	11"
SC775220M	3/4	6.7	230	1/60	20'	Manual	2" NPT	_	_
SC775220T	3/4	6.7	230	1/60	20'	Tethered	2" NPT	20"	11"
SC775320M	3/4	4.8	208-230	3/60	20'	Manual	2" NPT	_	_
SC775420M	3/4	2.4	460	3/60	20'	Manual	2" NPT	_	_
SCC7 SERIE	S								
SCC750120M	1/2	11.2	115	1/60	20'	Manual	3" NPT	_	_
SCC750120T	1/2	11.2	115	1/60	20'	Tethered	3" NPT	20"	11"
SCC750220M	1/2	5.5	230	1/60	20'	Manual	3" NPT	_	_
SCC750220T	1/2	5.5	230	1/60	20'	Tethered	3" NPT	20"	11"
SCC750320M	1/2	4.0	208-230	3/60	20'	Manual	3" NPT	_	_
SCC750420M	1/2	2.0	460	3/60	20'	Manual	3" NPT	_	_
SCC775120M	3/4	12.0	115	1/60	20'	Manual	3" NPT	_	_
SCC775120T	3/4	12.0	115	1/60	20'	Tethered	3" NPT	20"	11"
SCC775220M	3/4	6.7	230	1/60	20'	Manual	3" NPT	_	_
SCC775220T	3/4	6.7	230	1/60	20'	Tethered	3" NPT	20"	11"
SCC775320M	3/4	4.8	208-230	3/60	20'	Manual	3" NPT	_	_
SCC775420M	3/4	2.4	460	3/60	20'	Manual	3" NPT	_	_



PUMP PERFORMANCE







^{*}All SC7/SCC7 Series Pumps have 2" solids handling capabilities.