

OIL MINDER® ELEVATOR SYSTEM

MODULAR SOLUTION TO MANAGE LIQUIDS IN AN ENVIRONMENTALLY FRIENDLY MANNER

The Stancor Oil Minder® Control and Pump System allows water to be automatically pumped from hydraulic elevator pits without the danger of ejecting potentially harmful oily substances into sewers, rivers and waterways. There is no need for a separate oil-water separator. The product is engineered for efficient and trouble-free pumping, even under the most severe conditions.

Patented conductive sensing technology ensures the most reliable signal and does so in a manner that makes Oil Minder nearly maintenance free. Complimentary components, which are UL certified, are then designed to offer the highest level of reliability from installation to operation.

Having a single point of supply for every component makes the system more reliable. Oil Minder accounts for every factor that impacts performance. It does so in a modular package configured to balance performance and price for the best value over the lifetime of equipment.

- Patented conductive sensing technology
- Modular portfolio that enables customization
- Plug-and-play system that is easy to install
- Push-to-test feature to monitor installation
- Third-party certified for additional reliability



STANCOR™

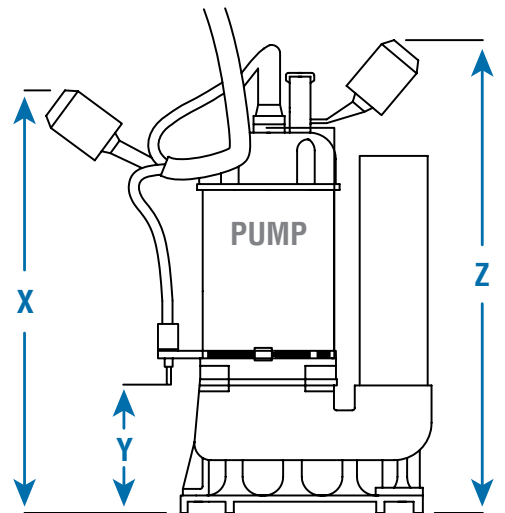
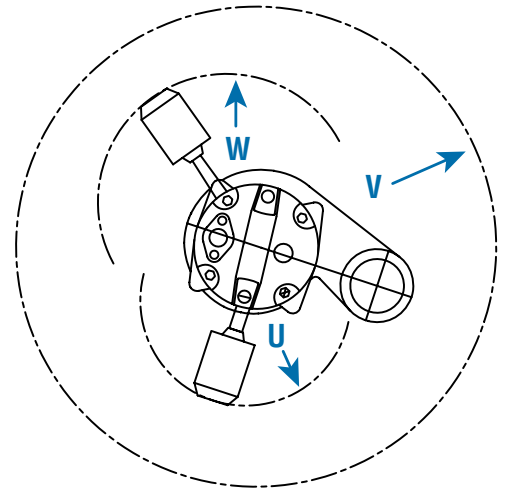
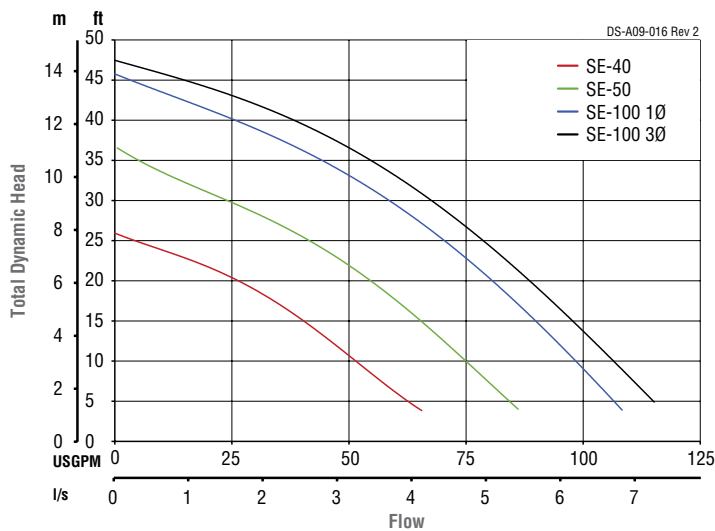
Pump & Control Solutions

BUILDING TRADES | CONSTRUCTION | MINING | UTILITIES | WASTEWATER

SE TECHNICAL DATA

Designation	HP	Phase	Voltage	Rated Full-load Amps	RPM	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Weight (lbs.)	Height (inches)	Width (inches)
SE40	0.4	1	115	5.2	3,450	2"	11'	—	24	15.59"	9.09"
			208	2.9							
			230	2.6							
		3	208	2.2							
			230	2							
			460	1							
SE50	0.5	1	115	8	3,450	2"	22'	—	29	16.57"	9.09"
			208	4.4							
			230	4							
		3	208	3.1							
			230	2.8							
			460	1.4							
SE100	1.0	1	115	12	3,450	2"	33'	9'	40	19.53"	9.09"
			208	6.6							
			230	6							
		3	208	4.4							
			230	4							
			460	2							
			575	1.6							

PERFORMANCE CURVES



INSTALLATION DIMENSIONS

Description	Item	SE40	SE50	SE100
HIGH float radius	U	10.625"	10.625"	10.635"
Minimum sump	V	21.750"	21.750"	21.750"
Pump ON radius	W	10.625"	10.625"	10.625"
Pump ON	X	12.000"	13.000"	14.500"
Pump OFF	Y	3.250"	3.250"	3.250"
High alarm	Z	16.000"	17.000"	20.000"

Factory minimum recommended sump size is 2' x 2' x 2'.

OIL MINDER PUMP OPTIONS



AHS	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	AHS05	0.5	2"	14'	-	-	26	13.86"	9.57"
	AHS10	1	2"	32'	-	-	33	14.84"	10.98"
	AHS10HH	1	2"	42'	-	-	33	14.84"	9.57"
	AHS25HH	2	2"	51'	28'	-	42	18.27"	12.32"



SEW	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	SEW50	0.5	2"	16'	4'	-	31	18.35"	9.61"
	SEW75	0.75	2"	21'	7'	-	33	18.98"	9.61"
	SEW100	1	2"	26'	11'	-	36	19.53"	9.61"
	SEW150	1.5	2"	38'	27'	-	55	19.92"	10.67"
	SEW200	2	2"	48'	37'	21'	57	20.47"	10.67"



SL	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	SL75	0.75	2"	7'	-	-	24	13.82"	8.43"
	SL100	1	2"	35'	-	-	31	14.80"	8.43"



SS	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	SS50	0.5	2"	20'	-	-	29	16.73"	8.98"
	SS100	1	2"	30'	9'	-	40	16.91"	8.98"
	SS200	2	2 2/3"	52'	31'	-	77	20.94"	15.35"
	SS300	3	2 2/3"	62'	44'	20'	79	21.73"	15.35"
	SS500	5	3 1/4"	74'	58'	43'	123	24.92"	18.35"
	SS750	7.5	3 1/4"	92'	78'	64'	137	26.50"	18.35"



SSD	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	SSD75	0.75	2"	13'	-	-	26	13.58"	7.40"
	SSD100	1	2"	36'	-	-	33	14.57"	7.40"
	SSD200	2	2"	40'	24'	-	53	19.57"	8.86"



SSS	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	SSS75	0.75	2"	12'	-	-	26	13.58"	7.39"
	SSS100	1	2"	36'	-	-	33	14.57"	7.39"
	SSS200	2	3"	45'	36'	-	59	17.93"	8.85"



SV	Designation	HP	Discharge (inches)	Head (ft.) @ 50 GPM	Head (ft.) @ 100 GPM	Head (ft.) @ 150 GPM	Weight (lbs.)	Height (inches)	Width (inches)
	SV40	0.4	2"	11'	-	-	26	15.20"	8.98"
	SV50	0.5	2"	20'	-	-	29	16.22"	8.98"
	SV100 1Ø	1	2"	31'	12'	-	40	19.17"	8.98"
	SV100 3Ø	1	2"	33'	14'	-	40	19.17"	8.98"
	SV200	2	2 2/3"	52'	35'	14'	77	20.94"	15.35"
	SV300	3	2 2/3"	64'	47'	26'	79	21.73"	15.35"
	SV500	5	3 1/4"	74'	61'	48'	123	24.92"	18.50"
	SV750	7.5	3 1/4"	96'	82'	70'	137	26.50"	18.50"

CUSTOMIZATION OPTIONS

SIMPLEX OR DUPLEX CONFIGURATION

Specification flexibility extends from Stancor’s vast pump portfolio to the performance needs in the application. A single-pump, or Simplex, system allows users to cost effectively manage both water and hydrocarbons—ensuring water is pumped and hydrocarbons are contained. A two-pump system, or Duplex, can either provide redundancy or send water and hydrocarbons to separate locations (Stancor Liquidator).



PROBE AND HEATER OPTIONS

A key component to enable Oil Minder customization is specifying ancillary components to meet specific needs. The OM300 narrow probe, featuring patented conductive sensing and a stainless steel construction, will ensure pump performance even in constrained space. Short and long versions are available to avoid risk of floats not actuating due to obstructions. Additionally, Stancor also offers heaters to prevent water in sumps from freezing in outdoor applications.

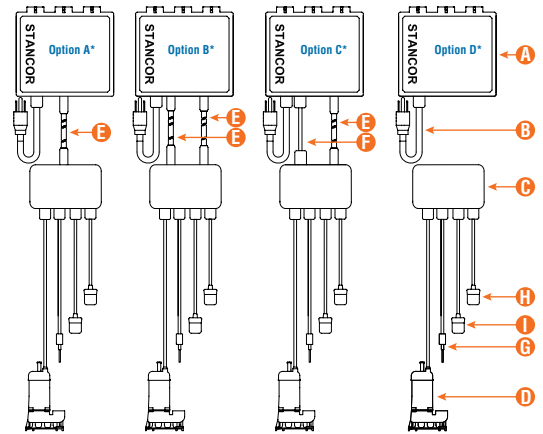


CONTROL PANEL ADDITIONS

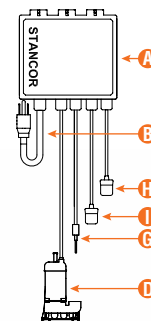
G&G Controls, a division of Stancor, L.P., has three decades of experience maximizing system performance to avoid costly downtime, maximize product life and lower energy costs. Adding functionality to the Oil Minder control panel is a cost-effective way to leverage available performance information and expand a maintenance program. BACnet, as an example, can be included to help monitor and control both plumbing and HVAC equipment throughout a building.



JUNCTION BOX (SENIOR VERSIONS)



DIRECT WIRED (JUNIOR VERSION)



Item	Description
A	Control Panel
B	Power Cable*
C	J-Box
D	Pump**
E	8 Pin Cable ***
F	Pump Power Cable***
G	Sensor Probe**
H	High Alarm Float**
I	Pump ON Float**

* Single Phase only, 6' Standard

**16' Standard (additional lengths available)

***25' Standard (additional lengths available)



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