

OS3 SERIES (OIL SENSING SUMP SYSTEM)

APPLICATIONS

Ideal for elevator sump pits, transformer vaults, and water-and-oil prone confined spaces in accordance with ASME - A17

FEATURES

- Multiple indicator lights: power, pump run, high water, high oil, pump overload, and 6 ft SJTOW cord
- Single-piece sensor for easy installation
- ASME - A17 compliant
- Includes remote alarm
- Alarm panel can be connected to Oil Sensing Sump System's remote panel which contains audio/visual alarming
- Both the main panel and remote alarm panel have auxiliary contacts for connection to a building's automation system or SCADA system



SERIES SPECIFICATIONS

OS3 Kits Including Pump						Pump Specifications							Shut-Off	PSI
Item	Model	Volts	Hz	HP	Overload Range	Item	Model	Volts	Hz	HP	Pump Performance GPM @ Height			
											10'	20'		
513380	OS3-6E-1**	115	60	1/3	N/A	506854	6EC-CIM	115	60	1/3	50	34	28	12.1
513383	OS3-9ENH-1**	115	60	4/10	N/A	509232	9ENH-CIM	115	60	4/10	60	50	45	19.5
513384	OS3-10ENH-1**	115	60	1/2	N/A	511572	10ENH-CIM	115	60	1/2	50	40	60	25.9
513385	OS3-10ENH-2**	230	60	1/2	N/A	511576	10ENH-CIM	208-230	60	1/2	50	50	50	21.6

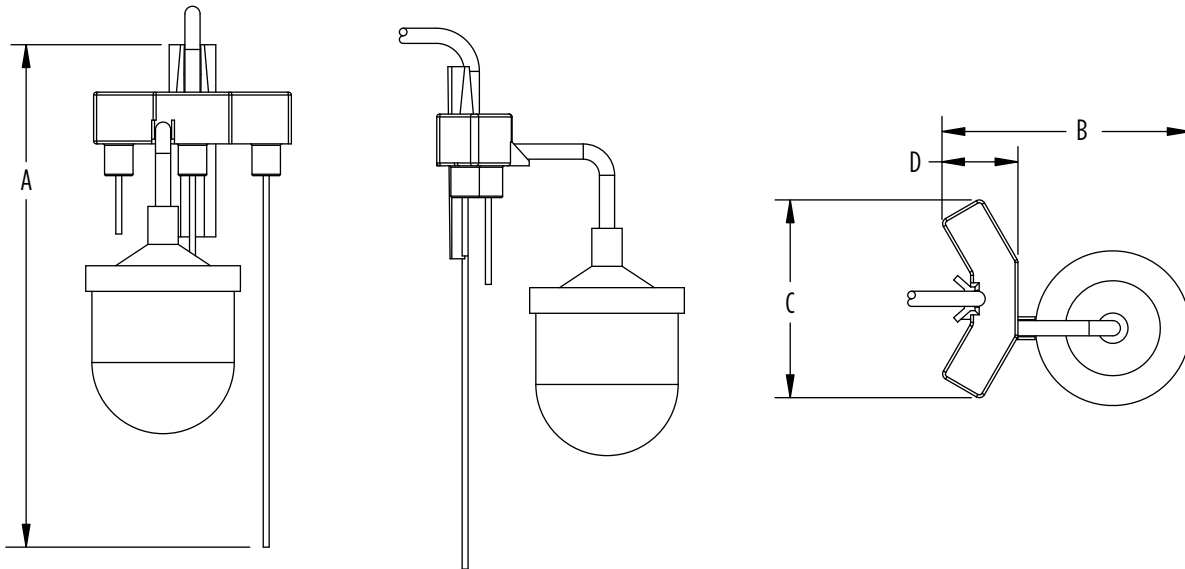
** Includes pump in kit

Item	Model	Volts	Hz	HP	Overload Range
513390	OS3-1	115	60	1 Max.	N/A
513391	OS3-1L-5-8	115	60	1 Max.	5-8 amps
513392	OS3-1L-7-10	115	60	1 Max.	7-10 amps
513393	OS3-1L-9-13	115	60	1 Max.	9-13 amps
513395	OS3-2	230	60	2 Max.	N/A
513396	OS3-2L-5-8	230	60	2 Max.	5-8 amps
513397	OS3-2L-7-10	230	60	2 Max.	7-10 amps
513398	OS3-2L-9-13	230	60	2 Max.	9-13 amps

OIL SENSING SYSTEMS

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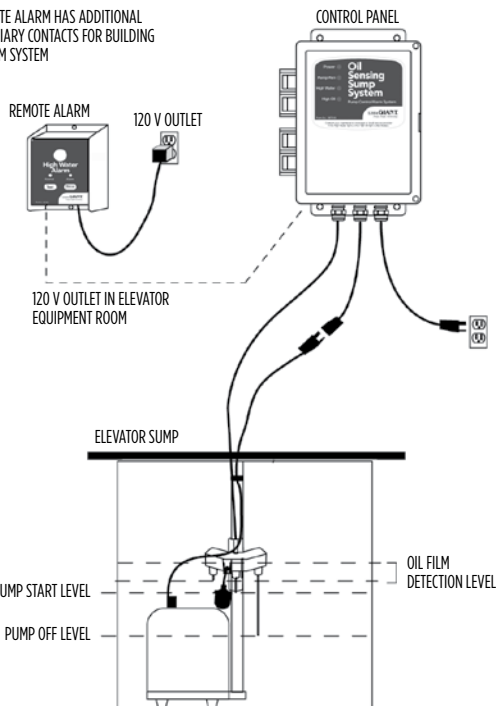
ENGINEERING DATA



A	B	C	D
10.6"	4.4"	4.2"	1.6"
26.92 cm	11.18 cm	10.67 cm	4.06 cm

INSTALLATION DATA

REMOTE ALARM HAS ADDITIONAL AUXILIARY CONTACTS FOR BUILDING ALARM SYSTEM



CONSTRUCTION

Sensor	
Housing	ABS
Probe	Stainless steel
Float	PVC

Control Panel	
Enclosure	Type 1
Power Cord	6' SJT, 120 VAC
Receptacle	SJT, 120 VAC, 15 amp

Alarm Panel	
Enclosure	Type 1
Power Cord	Plug in transformer, 120 VAC
Backup Power	9 VDC battery backup
LED Indicators	Trouble, high level, high oil
Audible Alarm	103 db buzzer, auto test/reset