

Basement Watchdog SIT Series - Specifications

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|---------------------------------------|
| SIT-33D |
| 1/3 HP |
| Basement Watchdog Professional |

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| SIT-50D |
| 1/2 HP |
| Basement Watchdog Professional |

PUMP

| | SIT-33D 1/3 HP Basement Watchdog Professional | SIT-50D 1/2 HP Basement Watchdog Professional |
|----------------------------|---|---|
| Flow @ 0 ft. GPH (0 M.) | 3,720 GPH | 14,082 LPH |
| Flow @ 0 ft. GPM (0 M.) | 62 GPM | 235 LPM |
| Flow @ 10 ft. GPH (3 M.) | 3,100 GPH | 11,735 LPH |
| Flow @ 10 ft. GPM (3 M.) | 51.6 GPM | 189.5 LPM |
| Max. Head | 22 ft. | 6.7 M |
| Pump Discharge | 1-1/2" NPT | 38 cm |
| Motor - HP | 1/3 HP | |
| Motor Type | PSC | |
| Voltage | 115 VAC, 60 Hz | |
| Amps. @ 10 Ft. Total Head | 3.5 Amps | |
| Gallons per Watt Hour Used | 7.3 G /Whr | |
| Speed | 3450 RPM | |
| Line Cord - Type | 18-3 SJTW | |
| Line Cord - Length | 10 ft. (3.0M) | |
| Motor Cooling | Water-cooled | |
| Overheating Protection | Thermal Fused | |
| Operation | Automatic | |
| Duty | Continuous | |
| Max. Water Temp. | 104° F / 40° C | |
| Approvals | CSA (Pump) cUL (Dual Float Switch/Controller) | |
| Warranty | 3 Year Limited | |

PUMP CONSTRUCTION

| | SIT-33D 1/3 HP Basement Watchdog Professional | SIT-50D 1/2 HP Basement Watchdog Professional |
|-----------------|---|---|
| Pump Housing | Cast Iron | |
| Impeller | Engineered Polymer | |
| Fasteners | Stainless Steel | |
| Strainer | Removable - Plastic | |
| Pump Seals: | (2) - Carbon/Ceramic (1) - Buna N Exclusion Seal | |
| Motor Shaft | Electroplated Steel | |
| Bearings | (2) Sealed Perm.-Lubricated Ball Bearings | |
| Color | Black | |
| Painting Method | Electrostatic | |

DIMENSIONS

| | English | Metric | English | Metric |
|----------------------------|---------------------------|-------------------------|---------------------------|--------------------------|
| Overall Dimensions (LxWxH) | 6 1/4" x 6 1/4" x 10 3/4" | 15.87 x 15.87 x 27.3 cm | 6 1/4" x 6 1/4" x 11 3/4" | 15.87 x 15.87 x 29.85 cm |
| Item Wt. (pump only) | 19.5 lbs | 8.8 Kg | 20.0 lbs | 9.1 Kg |
| Carton Dimensions (LxWxH) | 6 3/4 x 11 x 16 3/4 | 17.14 x 27.94 x 42.5 cm | 6-3/4 x 11 x 16 3/4 | 17.14 x 27.94 x 42.5 cm |
| Shipping Wt. | 22.0 lbs | 9.9 Kg | 22.5 lbs | 10.2 Kg |

FLOAT SWITCH AND CONTROLLER

| | SIT-33D 1/3 HP Basement Watchdog Professional | SIT-50D 1/2 HP Basement Watchdog Professional |
|----------------------------|---|---|
| Float Type | Dual, Micro-Reed Switches w/Protective Cage | |
| Controller Functions: | Start/Stop Pump w/ 10 sec. run time | |
| Control Voltage/Current | 115 VAC / 12 Amps max | |
| Max. Inrush Current | 30 A | |
| Switch Cord - Type, Length | 18-2 AWG x 10ft. (3.0 M) | |

INCLUDED

| | SIT-33D 1/3 HP Basement Watchdog Professional | SIT-50D 1/2 HP Basement Watchdog Professional |
|----------------------|---|---|
| Included with System | SIT-33 Pump, BWC1 Dual Float Switch, Hose Clamp, Instruction Manual | SIT-50 Pump, BWC1 Dual Float Switch, Hose Clamp, Instruction Manual |