

# Condensate Pumps

## Sanicondens



The Sanicondens is a small pump that may be used to pump condensate from condensing boilers, HVAC system, water heater systems, etc. The Sanicondens will pump condensate water up to 15 feet in height and/or 150 feet away from a soil stack.

Condensate water has the potential to cause property damage or even create health hazards that can affect indoor air quality. Many times, the condensate is not able to drain through gravity to an existing drain line. This is the reason a condensate pump is essential to many residential and commercial applications.

The inside of the Sanicondens comprises of a float mechanism, which starts and stops the unit, and the motor, which drives the pump.

### Part# 040

When the water enters the Sanicondens, it activates the float mechanism, which in turn starts the motor. The motor is sealed for life in an oil filled enclosure. A spindle/shaft drives the impeller and therefore the moving parts are kept to an absolute minimum. Water enters the chamber and is pumped away into the sanitary sewer.

The unit pumps the effluent upward to 15 feet and/or 150 feet horizontally (with gravity fall). Once the water is discharged and the water level in the container goes down, the float deactivates the unit until water enters the unit again. A normal operating cycle for the Sanicondens can be as short as 2 - 10 seconds depending upon the discharge pipe run configuration; power consumption is therefore minimal.

The discharge connection on the top of the unit comes equipped with a non-return valve, which prevents back flow into the unit.

It is also highly recommended for the condensate pump to be connected to a Ground Fault Interrupter (GFI) circuit.

The small, powerful pumping unit can be floor or wall mounted. It comes with an auxiliary external overflow switch that will shut down the appliance or alert the consumer in the event of overflow. It also includes all necessary hardware for ease of installation; 20 Ft of vinyl tubing, inlet adapter, discharge adapter.

The Sanicondens has been certified to American and Canadian Standards. Electrical standard UL 788, CA: Electrical standard CSA C22.2

**The Sanicondens comes with the pump case only.**

## Specifications:

<b>Dimensions:</b>	Including Pump Only H 6-5/8" x W 9-1/2" x D 5-5/8" H 17cm x W 24.2cm x D 14.3cm
<b>Motor:</b>	Induction Motor (no carbon brushes or gears), tested over 50,000 cycles. 3600 rpm.
<b>Electrical supply:</b>	110-115V; 60Hz; Max Amperage: 1.5 A; 1/30 HP
<b>Discharge:</b>	Pumps vertically to 15 ft (4.6 m) Horizontally to 150 ft (50m)
<b>Gravity Fall on Horizontal installations:</b>	1/4" per Ft
<b>Discharge Pipe Diameter:</b>	3/8" Vinyl tubing
<b>Construction Materials:</b>	Polypropylene, C.R.P., stainless steel, Neoprene Max. temp. 160°F (70°C)
<b>Normal Running Time:</b>	2-10 seconds subject to installation pipe run
<b>Discharge Rate:</b>	Discharge Rate at 15 Ft – 30 gal/hour (114 l/hour) Discharge Rate at 3 Ft - 86 gal/hour (326 l/hour)
<b>Designed to function with:</b>	Boilers, HVAC systems, water heaters

