



Controlled Automated Valve (CAV)

Automated removal of Tramp Oil from C-Thru® Separator

Description

The CAV is a self contained, electrically actuated ball valve that is controlled by a digital timer allowing the user to set times hourly, daily, or weekly to automatically remove the collected waste oil from the C-Thru® Separator.

The automatic valve eliminates the need for daily or weekly service by an operator to remove the collected waste oil from the C-Thru® Separator.

Benefits

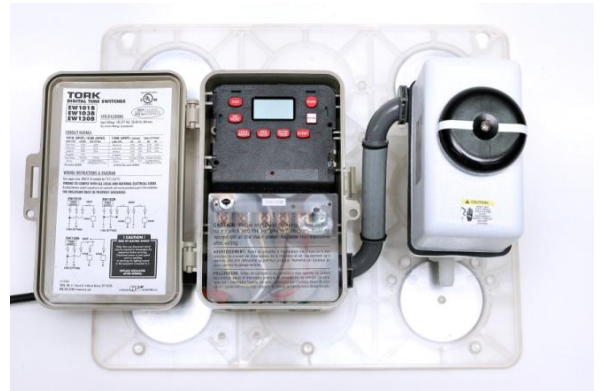
- Reduced service time
- Consistent oil removal
- Reduced maintenance cost

CAV Package Options

NJT 6000* CAV for Standard C-Thru® Separator, 115V 60Hz digital timer, 3/4" electrically actuated PVC ball valve with Viton seals, magnetic base, and 1/2" barbed tube fittings

NJT 6800* CAV for High Temperature C-Thru® Separator, 115V 60Hz digital timer, 3/4" electrically actuated 316 S.S. ball valve with Teflon seals, magnetic base, and 1/2" barbed tube fittings

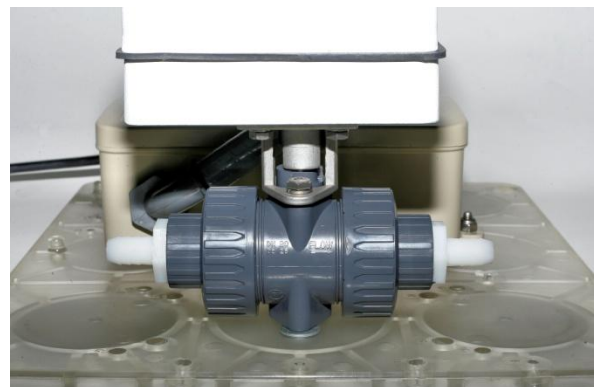
*Note: Automation for our medium size unit is the same package but with larger barbed tube fittings



Features

The CAV is compact and portable with installation made easy by attaching directly to the machine utilizing the magnetic base.

The CAV is placed below the C-Thru® Separator and is connected to the C-Thru® Separator via tubing. Programming the digital timer allows you to control how often and how long you want the valve to open to remove the collected waste oil from the C-Thru® Separator.



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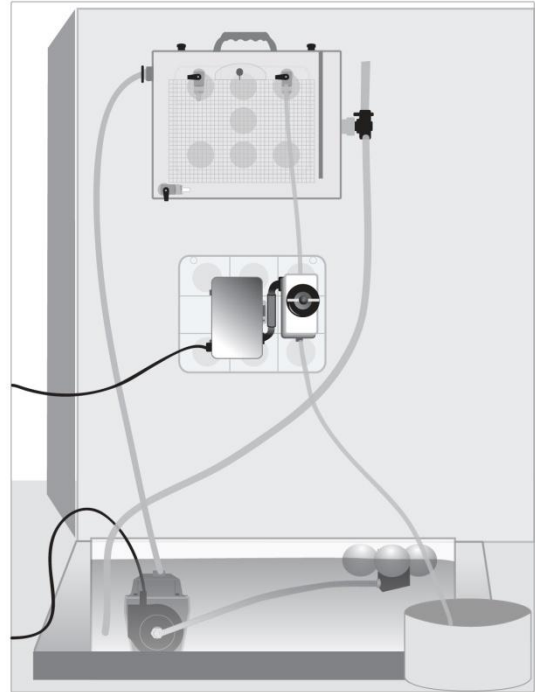
Installation and operating Instructions

- Holding timer and ball valve, attach CAV in desired location below the C-Thru® Separator



- Attach ½" (1.27cm) id clear tubing to tramp oil outlet valve closest to the outlet of the C-Thru® Separator (Figure 1)
- Cut ½" (1.27 cm) tubing to correct length and attach to inlet of automated ball valve
- Attach ½" (1.27 cm) tubing to outlet of automated ball valve and place other end in container to collect waste oil (cut tubing to desired length to ensure there is no back pressure exerted on the fluid exiting the valve)
- Manually open the tramp oil outlet valve in which the tubing is leading to the CAV
- Program the digital timer by following the operating instructions provided by the timer manufacturer that is included inside the timer enclosure
- Ensure the frequency of opening the automated valve does not allow for "good" fluid to be disposed. The correct program may take at least a month to determine based on trial and error.

Figure 1



Specifications

Dimensions: Length = 15.0" (38.1 cm)
Height = 13.0" (33.0 cm)
Width = 10.0" (25.4 cm)

Valve: ¾" full port valve
¾" npt connection
PVC or 316 S.S. material
Viton or Teflon seals/o-rings
0°F to 140°F for PVC
-30°F to 400°F for 316 S.S.

Digital Timer: 120 VAC
7 day program
16 cycles per day
Normally closed

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