

HIGH FLOW RATE PORTABLE TRAMP OIL SEPARATORS KEEP COOLANT CLEAN IN MULTIPLE SUMPS

**A KELLER PORTABLE PUMP/SKIMMER RAPIDLY SWEEPS TRAMP OIL,
CLEANS AND AERATES ENTIRE SUMP**



Model #315

For 1 to 10 sumps to 400 gallons, with moderate solids loading.



Model #365

For 1 to 10 sumps to 400 gallons, with heavy solids loading.



Model #457

For 1 to 10 sumps to 1000 gallons, with heavy oil & solids loading.



Model #465

For 1 to 10 sumps to 2000 gallons, with very heavy oil & solids loading.

Get these benefits:

- Extended tool life, improved parts finish
- Smoke and odor eliminated
- Multiplied coolant life = Much less machine downtime, greatly reduced coolant purchase & disposal costs

With these exclusive Keller features:

- Patented permanent oil separating (coalescing) element, never needs changing
- Rugged high flow 1/2" air-operated pump provides rapid tramp oil removal, circulates & aerates entire sump
- Compact inlet devices can access any sump
- No electricals – To operate, simply connect 1/4" compressed air line – All required hoses and fittings provided
- Sets up in minutes – Requires minimal operator attention – Thousands in service

How to select the Keller Separator for your application:

A Keller portable separator can clean a sump in 3 to 4 hours, and then may be moved to another sump and set up in minutes. We recommend that each sump be cleaned once per week. A separator can clean two sumps in a single shift, or 10 sumps per week in a one shift 5 day operation. The machine tool may be operated while the Tramp Oil Separator is operating.

How the Keller Separators Work

Each separator is supplied with three inlet devices (see below) which can access the surface of any sump through an opening as small as 3" diameter. The self-priming air operated pump pulls the tramp oil/coolant mixture from the surface of the sump via the inlet device, then through a high capacity bag filter, which removes chips from the fluid. The oil/coolant mixture is then pumped through the patented Keller all-plastic separator elements immersed in a separator tank. The cleaned coolant continuously returns to the sump. The oil layer collected on top of the separator tank can be drained into a waste oil container by opening the oil drain valve occasionally, usually once per day. No other operator attention is required.

Please see reverse side for Specifications and Accessory Ordering Information.



Keller Products
A DIVISION OF PLASTIC DESIGN, INC.

1-800-352-8422
www.kellerfilters.com

Selection and Ordering Information

Ordering Designation>

	#315	#365	#457	#465
Sump Size Ranges (gallons)	40 - 400	40 - 400	60 - 1000	100 - 2000
Capability for Volume of Tramp Oil	High	High	Very High	Very High
Capability for Suspended Solids Load	Moderate	High	High	High

Model>

	30" x 20"	30" x 20"	38" x 24"	38" x 24"
Dimensions (L x W)	30" x 20"	30" x 20"	38" x 24"	38" x 24"
Sump Inlet Devices Provided	#555-05, #555-06, #555-07		#555-07	
Size of Oil Separator Tank	10 gal	10 gal	15 gal	25 gal
Type of Prefilter	Small Bag	Large Bag	Large Bag	Large Bag
UPS Shipping Weight	80 lbs	115 lbs	140 lbs	150 lbs
Compressed Air Requirements	0.5 SCFM @ 20 to 125 psig (All Models)			
Electricals	None (All Models)			

Replacement Filter Bags

Note: 5 Filter Bags supplied standard with each unit

25 Micron Filters, Pack of 5 bags for #315

25 Micron Filters, Pack of 5 bags for #365, #457, #465

RAP-25*

RBP-25*

**25 micron bags supplied unless otherwise specified. Also available: 100, 50 10, 5 and 1 micron*

Inlet Devices

An inlet device draws oily coolant from the surface of the sump while avoiding the intake of air, which can interfere with splitting of oil from coolant in the separator tank. One inlet device is used in each sump. The #555-07 Floating Inlet Device (7" wide x 10" long), the most frequently used inlet device, automatically compensates for any changes in the level of coolant in the sump.

The #555-07 and #555-17 (7" x 7") may be used in pit-type sumps with liquid levels as much as 10 feet below floor level.

The #555-05 Floating Inlet Device (2" wide x 12" long) is used when only a narrow access space is available; for example, next to a conveyor. The #555-06 Fixed Inlet Device requires only a 3" diameter hole for access to the sump but must be adjusted manually if the sump level changes significantly.

Since a Keller portable separator is to be rotated among several machines in sequence, it is most convenient to mount an inlet device permanently in each sump. The connection from the inlet device to the separator is a quick garden hose fitting.

See above for listing of inlet devices supplied with each unit

