



Keller Products

A DIVISION OF PLASTIC DESIGN, INC.

Portable Unit

Set Up & Operating Instructions

Unpacking and Assembly Instructions

STEP 1

Unit comes in 3 boxes



- Bag Filter
- Cart
- Unit

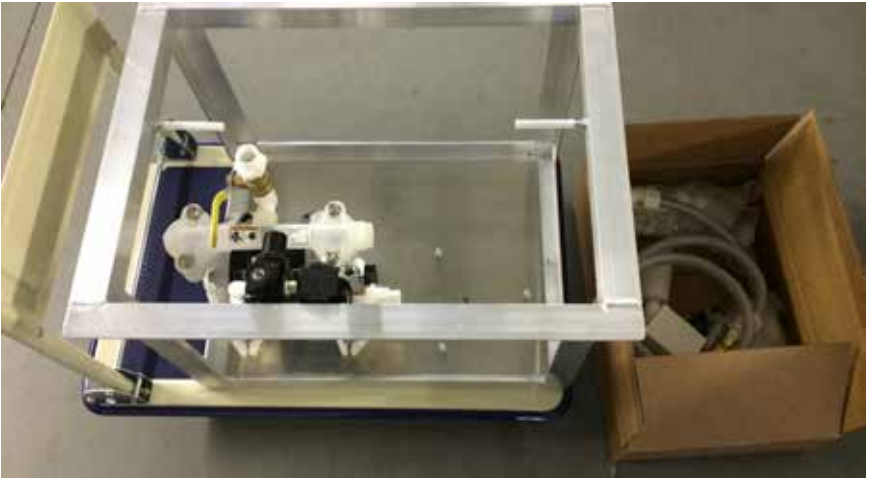
STEP 2

Unpack Unit



STEP 3

Mount Frame on Cart
(Hardware in Accessory Box)



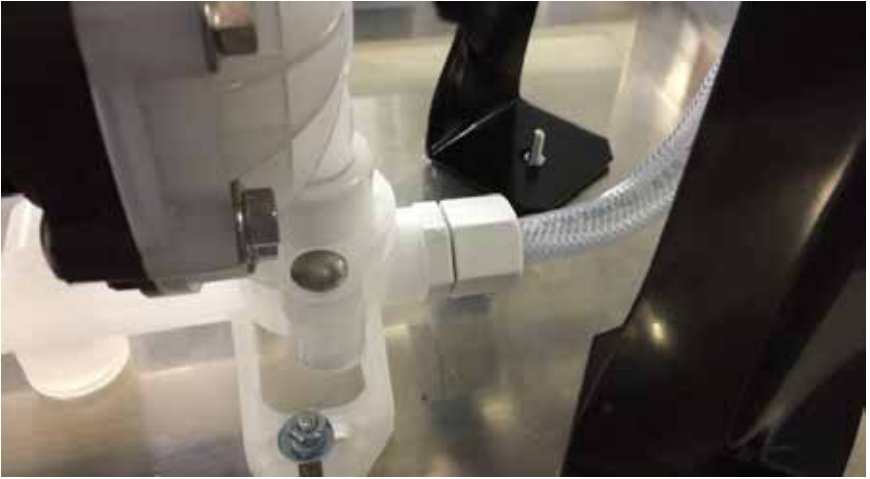
STEP 4

Mount Filter on Frame
(Attach Piping to Inlet of the Pump)



STEP 5

Attach to Inlet of Pump



STEP 6

Install Vacuum Gauge on Filter
(Gauge in Accessory Box)



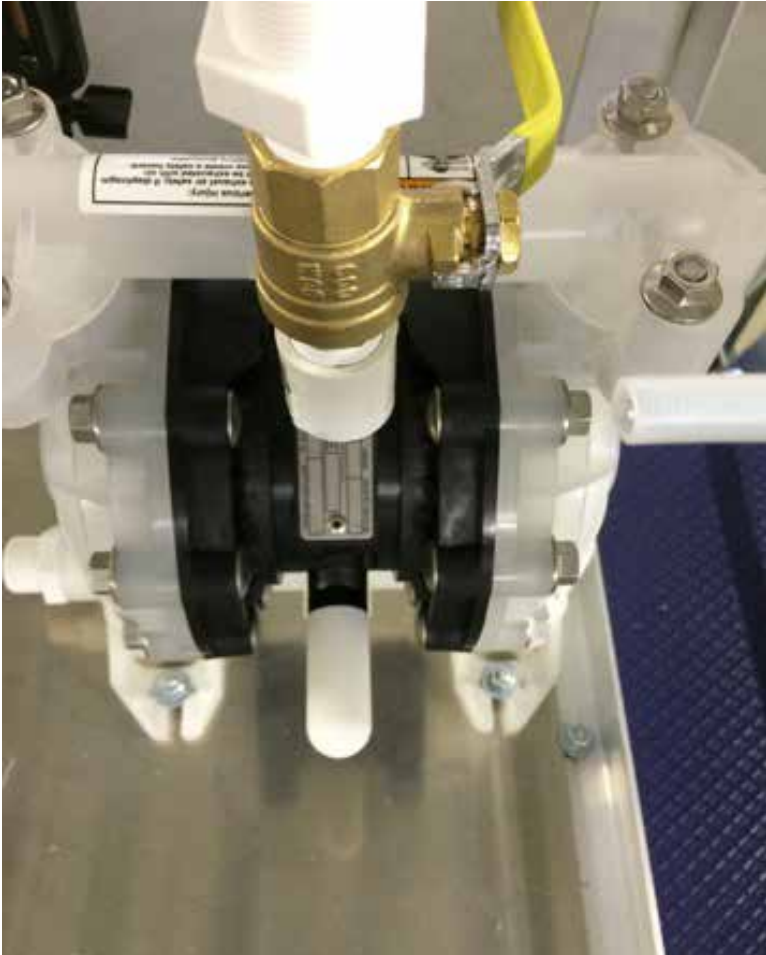
STEP 7

Install Pressure Gauge on Regulator
(Gauge in Accessory Box)



STEP 8

Install Muffler on Pump Exhaust
(Muffler in Accessory Box)



STEP 9

Unpack Coalescing Tank



STEP 10

Place Coalescing Tank on Frame



STEP 11

Attach Clear Hose to Top of the
Coalescing Pack



STEP 12

Place Coalescing Pack in Tank



STEP 13

Place Hose Through Cover,
Attach to Discharge of Pump



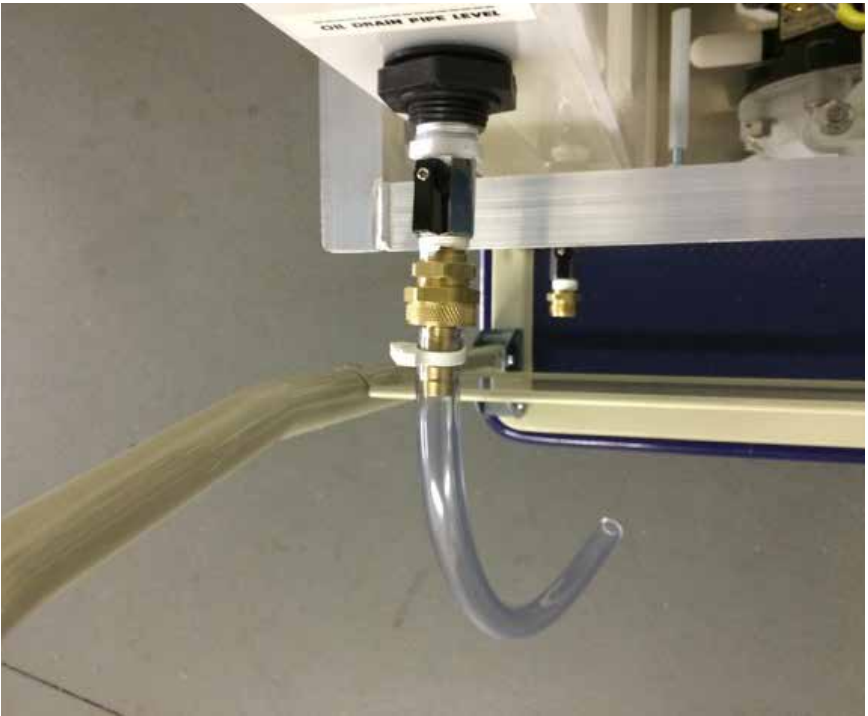
STEP 14

Attach Tank Drain & Oil Drain
to Rear of Coalescing Tank



STEP 15

Attach Oil Drain Hose



STEP 16

Attach 1.5" Quick Disconnect Fitting to
Clean Coolant Overflow Port



STEP 17

Finished Unit with Accessories



STEP 18

Finished Unit with Accessories



315, 365, 457, & 465 PARTS LIST

INLET DEVICE

#RSM-3	Adjustable Floating Inlet	\$125.00
#555-209-Ft	Gray inlet hose	\$8.00/foot

EXTENDER HOSE

#555-203-4	4 Foot extender hose	\$65.00
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PRE-FILTER ASSEMBLY

#RBP-25	25 Micron Filter	\$40.00/box (5)
#22-175-EC	O-ring	\$15.95 each
#RAP-25	25 Micron Filter (315)	\$40.00/box (5)
#22-475-N	O-ring (315)	\$23.00 each

AIR DIAPHRAGM PUMP

#555-200-G	1/2" Air Pump	\$525.00
#555-G-832	Liquid Side Kit	\$295.00
#555-G-833	Air Side Kit	\$150.00
#GPM-038	Pump Muffler	\$27.00

COALESCING PACK

#555-040	315/365 Coalescing Pack	\$600.00
#555-030	457 Coalescing Pack	\$800.00
#555-060	465 Coalescing Pack	\$1200.00

CLEAN COOLANT OUTLET

#555-300-H	1-1/2" Outlet Hose	\$8.50/foot
#22-G12	Bulkhead Gasket	\$15.00 each

STEP 1

Locate a good spot in the sump to place the inlet device. The top lip of the inlet device should be visible above the fluid level.



STEP 2

Connect the inlet device hose to the bag pre-filter inlet. If additional hose length is required, use the optional extender hose supplied with the unit.



STEP 3

Connect discharge hose for return to sump.



STEP 4

Place discharge hose return back in sump.



STEP 5

Place quick disconnect fitting on air inlet.



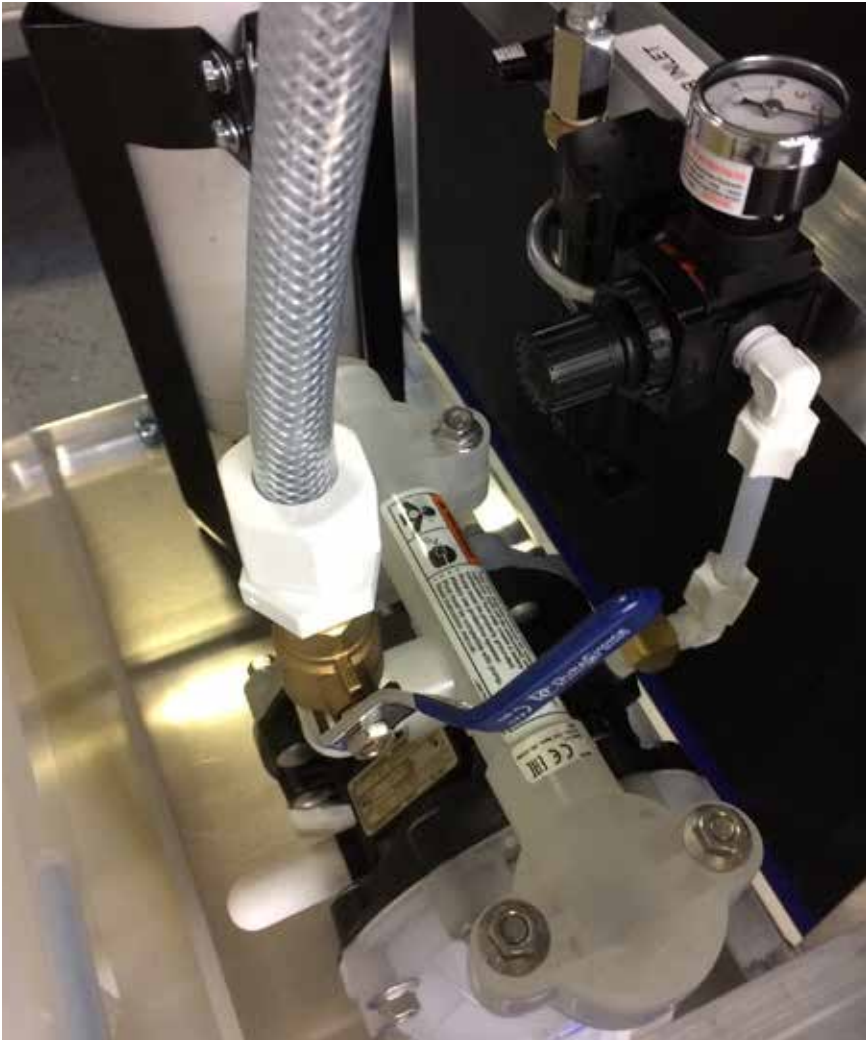
STEP 6

Connect shop air line to unit.



STEP 7

Set ½" ball valve on the discharge of the pump to a 45° angle, to control the speed of the pump.



IMPORTANT NOTE

The pump is self-priming, although it is common to fill the pre-filter housing with water or coolant prior to starting the unit. Once the Keller separator tank fills to the overflow fitting, clean coolant will start returning back to the sump. The big item to watch for are air bubbles on the surface of the coolant in the Keller unit. It should be possible to run the Keller system with little, if any air entering the separator tank. A bubble here or there is not an issue. If the tank is boiling away, that is undesirable, since it will interfere with oil separation. Excessive air introduction is caused either by a loose connection on the suction side of the pump, or by running the unit too fast. Go back and check fittings and connections from the sump to the pump to make sure they are snug.



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