

Keep Sump Clean

Zebra Snapdragon Portable Systems for Multiple Sumps

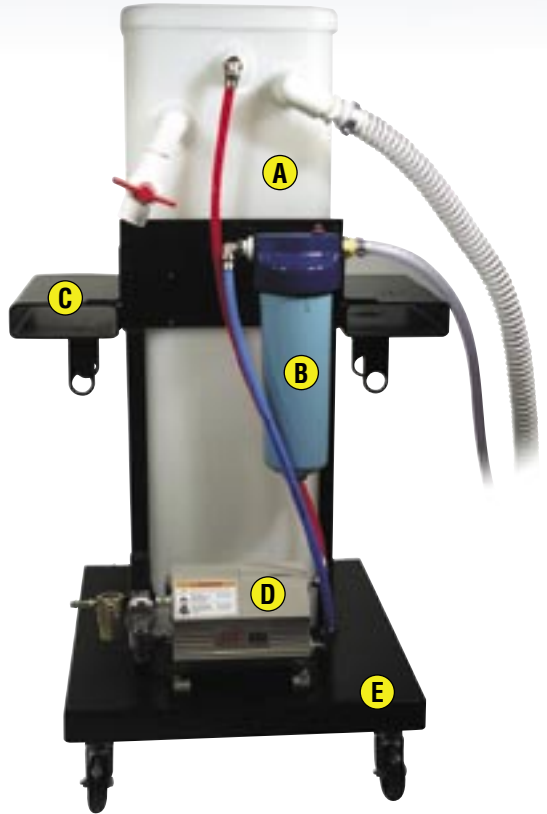
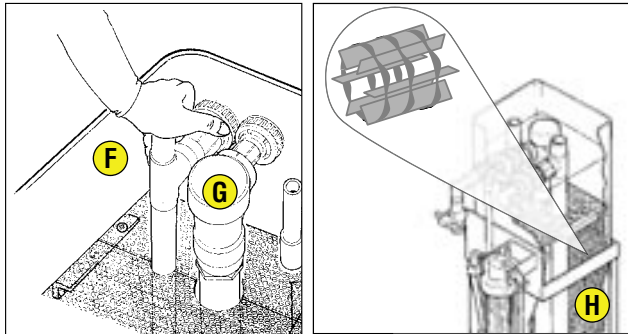
Snapdragon Completes Your Oil Removal Objectives

- Extend the life of your coolant, tools, and workers
- Prevent excessive mist formation
- Intake attachments available for every application
- Diaphragm pumps pull to 20 feet
- All components visible for easy inspection and maintenance

Now includes
air pump over-
pressurizing
protection

Snapdragon Deluxe, Model FM60-5114

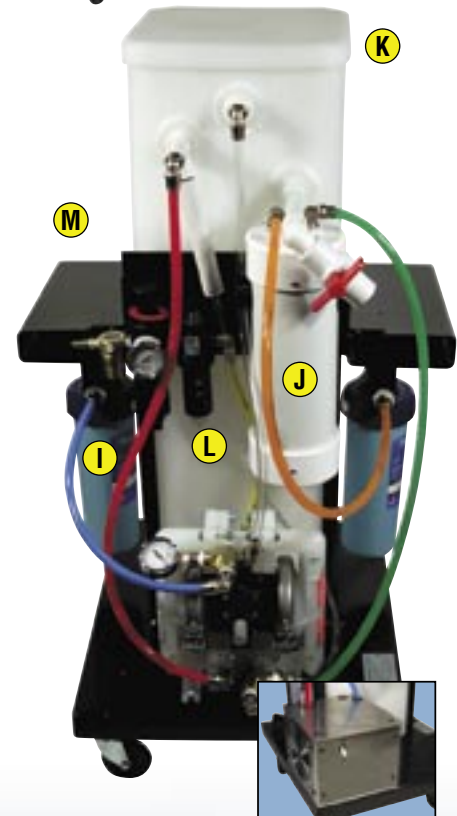
- A Translucent tank with spin-welded, bulkhead, leak-proof fittings, and crush-resistant hoses
- B 500µ stainless steel, reusable prefilter removes floating chips which degrade your coolant and may harm the pump
- C Towmotor lift wings allow for easy maneuverability to upper plant levels or over floor obstructions.
- D Pump handles below ground applications. Average pump life is 7-10 years!
- E Durable, powder-coated steel frame transports all components where needed
- F Tank empties in minutes and cleans up quickly
- G Baffled Anti-Turbulence System (BATS) removes entrained air before oil enters the tank, improving separation efficiency up to 20%
- H Unique coalescing media increases oil collecting surface area tenfold, improving separation process AND never needs replacement



Snapdragon ADAPT, Model FM60-5711

All Deluxe model features PLUS

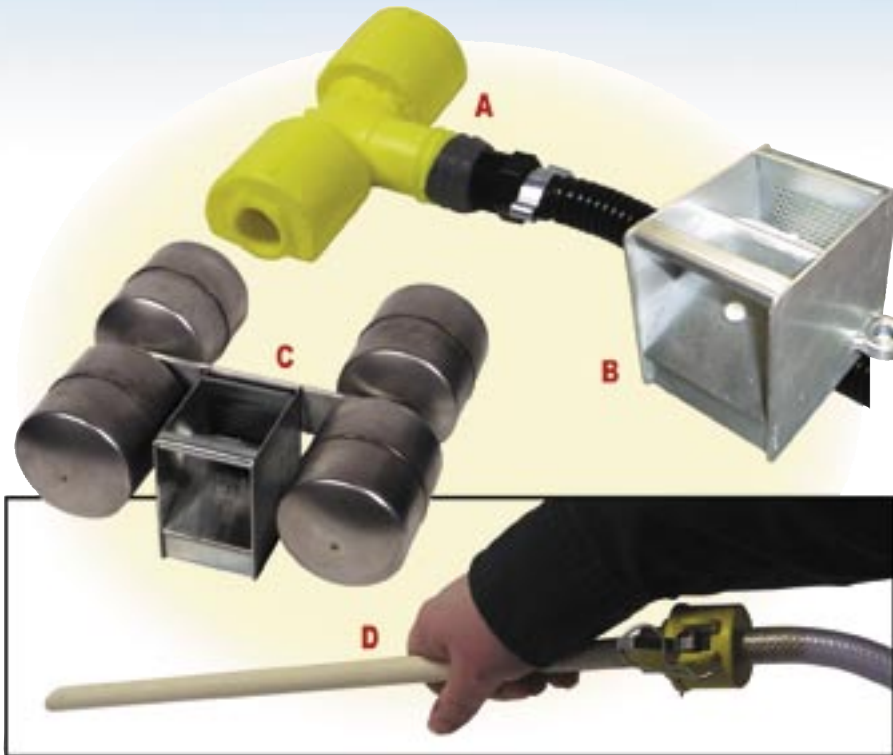
- I Ultrafiltration after oils are removed, preventing oil re-emulsification. Removes fines for tight tolerances ($\pm .0002$) and smooth surface finish (4 Ra or lower) applications.
- J Pulse Dampening Capsule (PDC) steadies flow of separated oils for fastest possible skimming rate.
- K Internal Oil Discharge Skimmer (IODS) collects oil inside the tank for virtually coolant-free disposal.
- L Overfill Prevention line eliminates possibility of tank overflowing and coolant floods
- M Pressurized coolant return delivers clean coolant against gravity to a holding tank.



Hose Guide	
Orange	From pre-filter to PDC
Green	PDC to right pump
Clear (1/2")	Right pump to tank through BATS
Clear (1/4")	De-oiled coolant recirculating line
Red	De-oiled coolant return to left pump
Blue	Left pump to particle filter
Yellow	Air line from regulator - filter oiler to pump



Electric diaphragm pump option



Intake Attachments

A. Hammerhead Skimmer
(Part# SK02D24S)

- Fits hard-to-access area
- Handles fluid fluctuations up to two feet
- Floats easily, no adjustments necessary
- Dimensions: 4.5 x 3.25 x 1.75"

B. Sumpster Skimmer (Part# SK10A8)

- Galvanized steel construction, precision formed hinge, and chip screen which prevents clogging hoses
- Handles a 3" level variation only
- Skims without sucking air-great for coolant with foaming problems
- Dimensions: 5 x 4.25 x 4.625"

C. Floating Sumpster Skimmer
(Part# SK10B2.3S)

- Same great benefits of the Sumpster, PLUS
- Great for larger sumps with changes in fluid fluctuations above 3"
- Suitable for underground applications - 10' or 20' (dependent upon model) max lift w/ Snapdragon Series)
- Dimensions: 13 x 11 x 7"

D. Oil Wand (Part# FMXWI)

- Manual attachment for pick-up of oils that accumulate in machine ways or sump corners
- Great for clean-up of the Snapdragon tank

Selection Guide

	Snapdragon Deluxe FM60-5114	Snapdragon ADAPT FM60-5711	Brand X
Sumpster	X	X	
Hammerhead (4)	X	X	
Floating Sumpster, option-please specify	X	X	
Oil Wand	X	X	
Pulse-Dampening Capsule		X	
Overfill Prevention		X	
Internal Oil Discharge Skimmer		X	
Pressurized Coolant Return		X	
5µ Oil-Free Ultrafiltration: specify 50µ or 25µ		X	
500µ Pump Prefilter, reusable stainless	X	X	
Coalescing Media (non-consumable)	X	X	X
Ball Valve Discharge	X	X	
Magnetic Hose Holders	X	X	X
Handle/Hose Rack (not shown)	X	X	
Cleaning Kit	X	X	
1/4" Double Diaphragm Air Pump*	X		
1/2" Double Diaphragm Air Pump*		X	

Coolant types have various oil-rejection capabilities. A separation test of your blend will verify its ability to reject tramp oils especially as it ages. The Snapdragon will remove oils which naturally gravity separate in 20 minutes (while operating at 1 gpm).

*Snapdragon series comes standard with air diaphragm pump, electric diaphragm pumps are available. Call for details.



All have quick-connect fittings making change-overs easy

Both systems include a Cleaning Kit

