

The HECAT H1000

The First True "Refrigerant" Flusher

H1000 Features

- Complete closed loop flusher for R134a systems– no fumes – no mess – internal recycling - no environmental release.
- Uses only **Honeywell's Genesolv® SF (HFC-245fa)** - Works like HCFC's of the past like R-11, R-113, and R-141b.
- Flush is miscible with PAG & POE oils – HFC-245fa has the amazing ability to pick up waste oils like a sponge.
- High flow liquid flush – With the velocity necessary to blast contaminants loose and wash away all the waste oils and debris.
- T-Strainer and Spin-on Filter – First two steps of the triple filtering process to remove solid particles.
- Distill & Recycle Flush – Internally evaporates flush to separate out the waste oils and recover virgin solvent to re-use.
- No Solvent Disposal! – Flush recovery and recycle for use over and over again. **Solvent cost is well below \$1.00 per flush.**
- Waste Oil Separation – Waste refrigerant oils are expelled into capture bottle on back of machine at the end of flushing cycle.
- Auto Air Purge – Captured air is used to purge waste oils into removable capture bottle on the back panel.
- Pulls Light Vacuum to Dry Component – Completes solvent recovery, leaves a clean "like new" component with **no residue.**
- Fully Automated – One button start performs entire flushing process unattended. Sounds audible alarm when complete.
- Filter Indicators- LED's warn operator of necessary filter service intervals.

H1000 Technical Specifications

- Flush Solvent: Genesolv® SF (www.genesolv.com).
- Genesolv® SF is available in 50 lb disposable jugs.
- Height: 46 inches - Width: 23 inches - Depth: 21 inches
- Machine Weight (empty): 200 LBS
- Shipping Weight (machine, box, & skid): 250 LBS
- Max. System Pressure, High side: 60 PSI safety switch
- Max. System Pressure, Low side: 40 PSI safety valve
- Max. Vacuum for Recovery: 24 in/hg
- Initial High Flow Flush Rate: 2.5 GPM (0.5 lb. per sec.)
- Contaminant Removal: Testing has proven; 99%+
- Waste Oil Removal: Testing has proven; 99%+
- Residual Flush: None; evaporates completely.
- Flush Capacity (empty): 25 LBS (2.3 gal.)
- Flush Refill (from low level to full level): 6 LBS (0.5 gal.)
- Refill containers: Available in 50 lb. disposable tanks.
- Hose Connections: Parker Quick Coupler #BST-3
- Adapter Requirement: Min. I.D. of .250 inch required.
- Included Adapters: HECAT #FAD-100 Adapter Kit.
- Voltage: 110 VAC (UL Required NEMA 5-20P 20A plug).
- Full Load Amps: 14.4A.
- ETL tested and approval to UL 1963 standard.
- Cycle time; (Avg. 30 min.) Cycle times will vary due to the machines ability to sense and identify component size and adjust certain process times longer or shorter as necessary.
- Eliminates labor hours of extensive interior removal as our testing and OE testing has proven **flushing thru the TXV is now possible!**



The H1000 is currently being used in:

- Professional automotive A/C repair shops and commercial, commuter, and military aircraft maintenance facilities.
- Aerospace refrigeration manufacturing - to remove the mfg. debris and oils from heat exchangers before final assembly.
- Compressor manufacturing - to clean the heat exchangers after forced compressor failures on in-house test benches.

Visit our web site at www.hecatinc.com to see the H1000 Lab test results, testimonials, and more information regarding all of HECAT's heat exchanger flushing products and chemicals.

