

Clean the inside of AC & refrigeration systems 30% faster with Honeywell's Genesolv S Series Flushing Agent.



Safe
Effective
Labor Saving

Genesolv SF

DESIGNED FOR NEW HFC BASED SYSTEMS



A New Hydrofluorocarbon based flushing agent for use in A/C & Refrigeration cleaning.

A/C & Refrigeration Flushing

Honeywell's Genesolv S Series of flushing agents is the latest in the highly-effective, cost-conscious Genesolv line. The S series are the best products available for thoroughly cleaning the inside of the AC & refrigerant system. These flushing agents provide all the benefits of CFCs without the environmental concerns – they're ozone-safe, low in toxicity, nonflammable and compatible with most common materials of construction. In addition to providing faster and more thorough cleaning power, these solvents dry quicker than other flushing agents and are more affordable than competitive products.

Genesolv SF from Honeywell is...

- A flushing agent with excellent solvency for the new generation refrigerant oils.
- Saves you time – offers faster cycle times than other flushing agents.
- Made with the new HFC-245fa molecule whose chemistry is fully compatible with HFC-134a.
- Gentler in its interaction with most polymeric materials.
- Safe, nontoxic, odorless and nonflammable.
- Used in the same way as 141b and R-11.
- Quick drying due to its low boiling point.
- Compatible with most common construction materials and commonly used plastics.
- Especially valuable for systems which have experienced compressor burnouts, new system cleaning or retrofits.
- Best when used with either a cylinder flush set-up or a Honeywell recommended automated cart.
- Conveniently available in pressurized packaging.

Physical Properties of Genesolv® SF

Molecular Formula	CF ₃ CH ₂ CHF ₂
Molecular Weight	134.0
Boiling Point (°F/°C)	59.5/15
Liquid Density (g/cc @ 70°F/21°C)	1.32
Freezing Point (°F/°C)	<-256/-144
Vapor Pressure: (PSIG @ 70°F/kPa gauge @ 21°C)	4.0/29
(PSIG @ 130°F/kPa gauge @ 54°C)	42.5/293
Flash Point *	None
Vapor Flame Limits **	None

*Flashpoint by ASTM D 3828-87; ASTM D1310-86

**Flame Limits measured at ambient temperature and pressure using ASTM E681-85 with electrically heated match ignition, spark ignition and fused wire ignition, ambient air.

For more information on how Honeywell's Genesolv S Series of flushing agents can provide you superior cleaning power without cleaning out your budget, contact us today.

www.Genesolv.com

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CLOSED LOOP, FULLY AUTOMATED

The H-1000 A/C Flush System is a closed loop unit used in conjunction with Honeywell's Genesolv SF solvent for thoroughly cleaning mobile A/C components. Based on Honeywell patented technology, the system removes foreign materials and buildups that reduce the effectiveness of mobile A/C systems. The fully automated H-1000 A/C Flush System can be operated unattended and creates multitask opportunities for busy auto repair professionals. The system also features a built-in solvent recovery mechanism that not only allows recovered solvent to be reused but also eliminates the need to dispose of solvent waste.

Technical Specifications of H-1000 A/C Flush System

Solvent Required	Honeywell Genesolv® SF
Total Cycle Time	30 minutes
Waste Oil Removal	>99%
Initial Flow Rate	2-2.5 GPM
Maximum Operating Pressure	70 PSI
Solvent Charge	25 lbs (2.3 gal)
Dimensions	46"Hx23"Wx21"D
Weight	202 lbs empty / 250 lbs ship weight
Voltage	110 VAC - Full Load: 15 Amp System
Warranty	One Year

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EFFECTIVE

The H-1000 A/C Flush System efficiently removes old lubricant, its decomposition products and particulates from the components being flushed. Laboratory studies have shown nearly 99% removal of lubricant and in field trials technicians reported being able to clean components to nearly new condition.

SOLVENT MISCIBLE WITH PAG AND POE

Honeywell Genesolv SF completely dissolves PAG and POE lubricants. This is key to the excellent performance of the solvent in the H-1000 A/C Flush System.

HIGH SOLVENT FLOW RATE

The high liquid flow rate effectively removes old lubricant and entrained contaminants.

QUICK DRYING

Honeywell's Genesolv® SF flush solvent is fast evaporating. After the typical flush cycle, about 30 minutes, the component is dry and ready for use.

REDUCED LABOR COST

The H-1000 is fully automated and can be operated unattended. This allows auto repair professionals to do other jobs while the flush unit is running. The system is easy to use and requires no professional training.

REDUCED SOLVENT USAGE

The H-1000 is a self-contained, closed-loop flushing system. It continually reclaims and recycles the solvent during the flush cycle so that *only clean solvent* is circulated through the component. This improves effectiveness and significantly reduces solvent consumption.



NO CLEANUP AND NO SOLVENT DISPOSAL

H-1000 is a closed loop system. No cleanup or solvent disposal is needed after flushing.

SOLVENT NONTOXIC, ODORLESS AND NON-FLAMMABLE

Honeywell Genesolv SF is odorless and safe to use. No special handling is required.

CONNECTORS

A universal connector kit is available.

SAFE EFFECTIVE TIME SAVING

If you need to find the most effective method of cleaning the inside of refrigerant systems, look no further than Honeywell's Genesolv S Series of flushing agents. Based on new and patented HFC technology developed by Honeywell, the Genesolv S Series flushing agents are ozone safe, low in toxicity and nonflammable. In addition, the use of these flushing agents results in faster cycle times, rapid evaporation and cleaner components. Despite all these outstanding attributes, the Genesolv S Series is more cost-effective than competitive products. The Genesolv S Series flushing agents reduce time, reduce costs, and improve performance.

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