

AUTOMOTIVE REFRIGERANT

- **R134a** - Current refrigerant used in most cars; replaced R12 in the mid 90's
- **R1234yf** - Refrigerant slated to eventually replace R134a; Europe will require it by 2017; some domestic vehicles have already converted
- Each type of refrigerant requires a different recycling machine
- Hybrid vehicles have compressors driven by an electric motor instead of a belt - this system uses a special oil, and cross contamination with standard a/c oil will ruin the system - a hybrid certified recycler will not have oil injection, and will typically be designated with an "H" on the model number

ROBINAIR



34788NI

34788NI RECOVERY MACHINE

- R134a refrigerant - fully automatic operation
- Builds on the performance of the 34788 series with added efficiency, automatic oil injection & system flush
- Optional printer, refrigerant identifier & wireless capability
- Machine monitors refrigerant level to let the user know when it is time to change the tank
- Automatic air purge
- Automatic oil drain display reminds user to replace the correct amount of oil
- Filter monitor - when 2/3 life is gone, user notified
- 115VAC - 60 Hz
- Onboard 30 lb tank
- Dimensions: 44" H x 34" W x 23" D
- Weight: 235 lbs

34288

Semi-automatic version of the 34788 - does not have the added features of the 34788NI

34788NI-H

Hybrid certified version of the 34788NI

34988

Adds a printer

AC1234-6

- Same features as 34788NI, but for R1234yf
- Adds refrigerant identifier
- Compliant with SAE J2843

34724: Replacement filter - must change every 150 lbs

REFRIGERANT DATABASE

- **34411-E** - For use with Robinair 34988 / 34788 machines - data for vehicles from 1995-2015
- **34412** - For use with Robinair 34788NI machines - data for vehicles from 1997-2014
- Plug in cards have refrigerant and oil charge capacity information for vehicles using R134a

MAHLE



ACX1180

ACX1180 RECOVERY MACHINE

- R134a refrigerant - fully automatic operation
- The ArcticPRO™ ACX-1180 establishes a new productivity benchmark for all A/C refrigerant handling machines
- Machine monitors refrigerant level to let the user know when it is time to change the tank
- Automatic air purge
- Filter monitor – warns user of upcoming service
- 120VAC - 60 Hz
- Onboard 30 lb tank
- Dimensions: 40" H x 23" W x 33" D
- Weight: 220 lbs

ACX1180H

Hybrid certified version of the ACX1180

ACX1180C

Adds a printer, system flush & 3 temperature sensors - hybrid certified

ACX1280

- Same features as ACX1180, but for R1234yf
- Adds refrigerant identifier
- Compliant with SAE J2843

360-82133-00: Replacement filter - must change every 150 lbs

FLO-DYNAMICS



FLO1000

FLO1000 RECOVERY MACHINE

- R134a refrigerant - fully automatic operation
- Fast, efficient recovery and recycling
- Large display provides menu-driven operation and service status with multilingual readout
- **Can be used with hybrid systems if oil bottle is removed & system cleaned per manual**
- Automatic air purge
- Filter monitor displays % of filter left
- 110 VAC - 60 Hz
- Onboard 50 lb tank
- Dimensions: 42" H x 22" W x 25" D
- Weight: 180 lbs

FLO1234

- Same features as FLO1000, but for R1234yf
- Compliant with SAE J2843

ARXF5: Replacement filter - must change every 150 lbs

REFRIGERANT IDENTIFIERS AND LEAK DETECTORS ALSO AVAILABLE

