

## Compare R-134a Robinair A/C Machines



	34288NI	34788NI	34988NI	34788NI-H	34888HD	34998
A/C Service	Manual	Automatic	Automatic	Automatic	Automatic	Automatic
Manifold Values	Yes - Panel valves	Automatic - Not required	Automatic - Not required	Automatic - Not required	Automatic - Not required	Automatic - Not required
Recovery Efficiency	98.50%	98.50%	98.50%	98.50%	98.50%	98.50%
Charge Accuracy	+/- .5 oz	+/- .5 oz	+/- .5 oz	+/- .5 oz	+/- .5 oz	+/- .5 oz
Automatic Internal Tank Refill	No	Yes	Yes	Yes	No	Yes
Auto Oil Drain	Yes	Yes	Yes	Yes	Yes	Yes
Auto Oil Injection	No	Yes	Yes	No	Yes	Yes
UV Dye Injection	No	No	Yes	No	Yes	Yes
Air Purge	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
A/C Component Flushing	No	Yes	Yes	Yes	No	Yes
Vacuum Leak Test	No	Yes	Yes	Yes	Yes	Yes
Nitrogen Leak Test	No	No	No	No	Yes	No
Vehicle Data	Optional, 34412-E	Optional, 34412-E	Optional, 34412-E	Optional, 34412-E	Optional, 34412-E*	Optional, 34001
Service Record Storage	No	Yes	Yes	Yes	Yes	Yes
Refrigerant management	Yes	Yes	Yes	Yes	Yes	Yes
Display	5" x 9" Color, Graphical Display	5" x 9" Color, Graphical Display	7" LCD, Graphical Display	5" x 9" Color, Graphical Display	5" x 9" Color, Graphical Display	10" hi-res touch screen
Vacuum Pump	1.5 cfm single stage (70 microns)	1.5 cfm dual stage (35 microns)	1.5 cfm dual stage (35 microns)	1.5 cfm dual stage (35 microns)	5 cfm dual stage (35 microns)	1.5 cfm dual stage (35 microns)
Internal Tank	30 lb	30 lb	30 lb	30 lb	50 lb (External tank)	30 lb
Hose Length	9 ft	9 ft	9 ft	9 ft	18 ft	9 ft
Printer	Optional, 30038	Optional, 30038	Yes	Optional, 30038	Optional, 30038	Mopria Print Service wireless printing
Notification Light	No	Yes	Yes	Yes	No	Yes
WiFi capable	Yes, requires 80211TMP or 80211VCI master kit	Yes, requires 80211TMP or 80211VCI master kit	Yes, requires 80211TMP or 80211VCI master kit	Yes, requires 80211TMP or 80211VCI master kit	N/A	WiFi enabled from the factory
Audio	No	No	No	No	No	Yes, integrated speaker
USB Port	No	Yes	Yes	Yes	Yes	Yes
Cord Wrap	Yes	Yes	Yes	Yes	Yes	Yes
Filter-Drier Capacity	150 lbs	150 lbs	150 lbs	150 lbs	300 lbs	150 lbs
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
Service	Over 255 trained and certified service facilities	Over 255 trained and certified service facilities	Over 255 trained and certified service facilities	Over 255 trained and certified service facilities	Over 255 trained and certified service facilities	Over 255 trained and certified service facilities
Meets SAE J-2788 Requirements	Yes	Yes	Yes	Yes	Yes	Yes

\*Database includes automotive refrigerant data only; does not include heavy-duty system capacities

# The right machine is always Robinair

## Standard on Robinair R-134a machines:

- > 1.5 CFM dual-stage vacuum pump (single-stage on 34288NI)
- > 30-lb DOT internal tanks (22-lb DOT on 34288NI)
- > 9' SAE J2886 hoses (9' SAE J2196 on 34288NI)
- > 150-lb (68kg) spin-on filter, P/N 34724
- > Integrated cord wrap
- > Unmatched minimum 98.5% refrigerant recovery
- > Charging accurat to within +/- 0.5 oz



Features	34288NI	34788NI	34788NI-H	34988NI	34998
Fully-Automatic Function	Semi-automatic, manual valves	Yes	Yes	Yes	Yes
Automatic Dye Inject: 1/4-oz during recharge, user-selectable	–	–	–	Yes	Yes
Automatic Oil Drain: Shows amount of oil to replace	Yes	Yes	Yes	Yes	Yes
Automatic Oil Inject, user-programmable	18480 or 18490 syringe required	Yes*	18480 or 18490 syringe required	Yes*	Yes*
Refrigerant & Oil System Capacity Database for North American market vehicles	Optional, 34412-E	Optional, 34412-E	Optional, 34412-E	Optional, 34412-E	Optional, 34001
A/C System Refrigerant Flush (Flushing adapters not included)	–	Yes	Yes	Yes	Yes
Save, print and store before and after service data	No save, optional printer 30038	Yes, optional printer 30038	Yes, optional printer 30038	Yes, printer included	Yes; Mopria Print Service wireless printing
Visual & Audible Alarm / Notifications	–	Yes	Yes	Yes	Yes
Vacuum Leak Test and Monitoring	–	Yes	Yes	Yes	Yes
Automatic Air Purge: Eliminates system-damaging air without monitoring gauges or opening valves.	Yes	Yes	Yes	Yes	Yes
Automatic Refrigerant Refill: Maintains a user-selectable amount of refrigerant in an internal vessel and signals when it's time to change supply tank, no monitoring required	–	Yes	Yes	Yes	Yes
Vacuum Feature: Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed.	Yes	Yes	Yes	Yes	Yes
WiFi / Bluetooth capable	Yes, requires 80211TMP or 80211VCI master kit	Yes, requires 80211TMP or 80211VCI master kit	Yes, requires 80211TMP or 80211VCI master kit	Yes, requires 80211TMP or 80211VCI master kit	WiFi, Bluetooth enabled from the factory
Display: Multilingual.	Yes, 4.3" 480x272 QVGA Color LCD	Yes, 4.3" 480x272 QVGA Color LCD	Yes, 4.3" 480x272 QVGA Color LCD	Yes, 7" graphical LCD	Yes, 10.5" hi-res touch screen
Refrigerant Charging:	Low side only	High, low or both sides	High, low or both sides	High, low or both sides	High, low or both sides
Refrigerant Management System: Displays refrigerant use & monitors remaining filter life. Prompts appear when 1/3 of filter life remains.	Yes	Yes	Yes	Yes	Yes
Electric Vehicle: Capable of servicing high voltage electric compressor A/C systems.	–	–	Yes	–	–

\*34788NI uses one oil bottle; 34988NI and 34998 include two oil bottles and one UV dye bottle

Specifications	34288NI	34788NI	34788NI-H	34988NI	34998
Operating voltage	115V, 60 Hz	125 VAC, 60 Hz	125 VAC, 60 Hz	125 VAC, 60 Hz	125 VAC, 60 Hz
Pressure gauges	80mm	100mm, EN-837-1	100mm, EN-837-1	100mm, EN-837-1	Digital display
Keyboard	Alpha-numeric with service function keys	Alpha-numeric with service function keys	Alpha-numeric with service function keys	Alpha-numeric with service function keys	Touchscreen virtual keyboard
Compressor	1/3 hp hermetic	3/8 hp, pressure-protected, oiled, hermetically sealed	3/8 hp, pressure-protected, oiled, hermetically sealed	3/8 hp, pressure-protected, oiled, hermetically sealed	3/8 hp, pressure-protected, oiled, hermetically sealed
SAE compliance for R-134a	Yes, J2788 certified	Yes, J2788 certified	Yes, J2788H certified	Yes, J2788 certified	Yes, J2788 certified