A2L CHEAT SHEET

POLICY OVERVIEW – WHAT'S CHANGING

In June 2021, the EPA approved A2L refrigerants for use in residential AC applications and the phase out of A1 refrigerants. Approved refrigerants include the commonly known R-32 and R-454B.

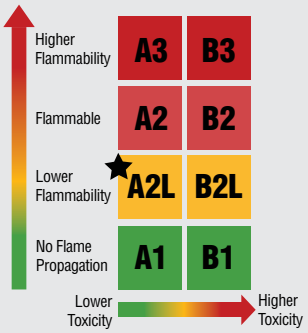
A2L REFRIGERANTS HAVE LOWER:

- Global Warming Potential (GWP)
- Ozone Depletion Potential
- Toxicity

A2L – THE CHOSEN ONE

Service-wise, the switch to A2Ls won't require fundamental changes to the way technicians operate.

A2Ls are considerably less flammable than Class II and III refrigerants, but they will require more attention to basic service principles, new equipment and some A2L-rated tools.



SERVICING A2L SYSTEMS : THE FOUR MAIN TOOLS TECHNICIANS WILL NEED

While service technicians may believe they will need to purchase all new tools to work with A2L refrigerants, many of the tools they use each day will remain the same.

In general, tools that don't touch the refrigerant circuit—such as non-electric hand tools,access valves and valve core removal tools—can usually be used for both A1 and A2L systems.

JB OFFERS ALL THE ESSENTIAL SERVICE TOOLS FOR TECHNICIANS TO WORK SAFELY AND EFFICIENTLY WITH A2L REFRIGERANTS

MANIFOLDS AND GAUGES

SHOWN:

PATRIOT 22633
2-Valve Brass Manifold

MADE IN THE USA

VACUUM PUMPS

SHOWN:

PLATINUM PRO
DV-240DC 8.4 CFM

Also available in:
6, 10, 12 CFM and Spark Proof

MADE IN THE USA

RECOVERY

SHOWN:

F6-BOOST
BLDC Ignition-proof
Refrigerant Recovery
Machine

LEAK DETECTORS

SHOWN:

PROWLER LD-5000
Electrochemical Leak
Detector

MICRON GAUGES

SHOWN:

CLIMATE CLASS
DV-22W Wireless Digital
Vacuum Gauge

WIRELESS TOOLS

SHOWN:

CLIMATE CLASS
WP-2 Wireless Digital
Probes and DM4-ZW
ZEPPELIN Wireless
Digital Manifold

A2L CYLINDER DIFFERENCES AND HELPFUL ACCESSORIES

A2L reclaim and recovery cylinders have three distinct features to help distinguish them from other types of refrigerants.

JB offers American-made A2L accessories such as our KOBRA Charging Hoses with reverse-thread fittings and reverse-thread hose adapters to help technicians safely access A2L refrigerant and charge systems.

SHOWN:

KOBRA CCLBV-A2L-60 1/4" x 60" Hose Set with Ball-Valve and A2L Adapter

Reverse-thread, left-handed A2L Adapters

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