







A2L CONVERSION THE BOTTOM LINE



	 LOWER TOXICITY	 HIGHER TOXICITY
 HIGHER FLAMMABILITY	A3	B3
 LOWER FLAMMABILITY	A2, A2L	B2
NO FLAME PROPAGATION	A1	B1

JUST THE FACTS

EPA recently approved the use of A2L Refrigerants in residential A/C units. Equipment manufacturers will phase out A1 refrigerants by January 1, 2025.

A2L Class Refrigerants offer the following benefits:

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

IMPACT ON YOU - THE TECHNICIAN

Best practices in HVAC installation and repair will not change

Training/familiarity with handling A2L Refrigerants will be a must

New equipment designed and rated for A2L Refrigerants will be needed

Always follow manufacturer's guidelines for legacy and newer equipment

A2L recovery cylinders have 3 distinguishing features:

Pressure Relief Valves, Red Band or Stripe, Left-Handed Reverse Threads

GOOD NEWS! MANY OF YOUR CURRENT TOOLS OF THE TRADES WILL STILL WORK

Only tools that come into contact with refrigerant will need to be evaluated and possibly replaced

Never use refrigerants rated A2L in legacy equipment due to safety concerns



INFRARED LEAK DETECTOR *LDIR150*

A2L CERTIFIED - SAE J1627, SAE J2791, SAE J2913, EN14624: 2012
 Detects the following: HFC: R-32, R-410A, R-407C, R-417A, R-404A, R-507, R-23, R-508A, R-508B, R-152A, R-134A; HFO: R-454B, R-448A, R-449A, R-1234YF, R-1233ZD, R-514A, R-513A; HCFC: R-22, R-123, R-124, R-141B, R-142B, R-402A, R-402B, R-408A, R-409A; CFC: R-11, R-12, R-13, R-502, R-503



HEATED DIODE LEAK DETECTOR *LDHD250*

A2L CERTIFIED - SAE J1627, SAE J2791, SAE J2913, EN14624: 2012
 Detects the following: HFC: R-32, R-410A, R-407C, R-417A, R-404A, R-507, R-23, R-508A, R-508B, R-152A, R-134A; HFO: R-454B, R-448A, R-449A, R-1234YF, R-1233ZD, R-514A, R-513A; HCFC: R-22, R-123, R-124, R-141B, R-142B, R-402A, R-402B, R-408A, R-409A; CFC: R-11, R-12, R-13, R-502, R-503; HC: R-50, R-170, R-290, R-600, R-600A, R-1150, R-1270



VP12 VACUUM PUMP 12 CFM DCBL *1950532*

A2L COMPATIBLE - CSA / CUS
UL Verified

- + Brushless motor
- + Built-in cooling fan
- + Soft contact power switches
- + Covered electrical connections



DCBL RECOVERY MACHINE *1950536*

A2L COMPATIBLE - CSA / CUS
UL Verified

- + Brushless motor
- + Built-in cooling fan
- + Soft contact power switches
- + Covered electrical connections



WIRELESS VACUUM GAUGE *1950217* COMPACT VACUUM GAUGE *CVG1200*

A2L COMPATIBLE



WIRELESS REFRIGERANT SCALE *RSWL220* REFRIGERANT SCALE *RSW220*

A2L COMPATIBLE



MANIFOLDS AND GAUGES

- A2L COMPATIBLE**
- + hilmar 4-Valve Aluminum
 - + hilmar 2-Valve Aluminum
 - + hilmar 2-Valve Brass