

Fieldpiece

OUR **A2L** COMPATIBLE LINE UP **INCLUDES**



Recovery Machine
MR45



Refrigerant Manifolds
SM480V, SM380V



Vacuum Pumps
VPX7, VP87, VP67



Leak Detectors
DR82, DR58



Vacuum Gauge
MG44



Charge and Air Kit Probes
JL3KH6, JL3KR4, JL3PC, JL3PR, JL3RH



Refrigerant Scale
SR47



Vacuum Hoses
HV1, HV1S



Recovery Hoses and Extensions
HR3, HR3B, HR3L, HR3XB, HR3X, HR1XR



Valve Core Removal Tools
VC1, VC1G, VC2G

DEFINING A2L

The HVACR industry is making the transition to more environmentally friendly (lower GWP) refrigerants. With this transition, HFCs are being phased down and there has been a growing acceptance of the use of A2L refrigerants due to their **low flammability** and **toxicity**.

IN C R E A S I N G	FL A M M A B I L I T Y	Safety Group		
		High Flammability	A3	B3
		Flammable	A2	B2
		Low Flammability	A2L	B2L
		No Flame Propagation	A1	B1
		Low Toxicity	High Toxicity	
		INCREASING TOXICITY		

A1 vs. A2L REFRIGERANTS

Just like A1 refrigerants, some A2L refrigerants are blends and some are pure. As shown below, the Global Warming Potential is significantly reduced with A2L refrigerants. Please refer to flammable refrigerant safety guides, regional codes and legislation for more information about handling these refrigerants.

A1 (HFC) Refrigerants	Global Warming Potential (AR4 - 100 YR.)
R-134a	1,430
R-22 / R-404A	1,810 / 3,922
R-410A	2,088

A2L Refrigerants	Global Warming Potential (AR4 - 100 YR.)
R-1234yf	4
R-1234ZE (E)	7
R-516a	128
R-454A	239
R-454C	148
R-32	675
R-454B	466

Air Conditioning Contractors of America
<https://hvac-blog.acca.org/staying-frosty-with-a2l-refrigerants/>

Fieldpiece has you covered. Pick up your A2L compatible tool today.