

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

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 **lower flammability** and **toxicity**.

FLAMMABILITY
INCREASING ↑

Safety Group		
Higher Flammability	A3	B3
Flammable	A2	B2
Lower Flammability	A2L	B2L
No Flame Propagation	A1	B1
	Lower Toxicity	Higher Toxicity

INCREASING TOXICITY →

A2L REFRIGERANT REPLACEMENT

Just like A1 refrigerants, some A2L refrigerants are blends and some are pure. Here are a few A2L refrigerants and what HFCs refrigerants they replace. Please refer to flammable refrigerant safety guides, regional codes and legislation for more information about handling these refrigerants.

HFCs Refrigerants	Global Warming Potential (AR4 - 100 YR.)	A2L Replacements	Global Warming Potential (AR4 - 100 YR.)
R-134a	1,430	R-123yf	4
		R-123ZE (E)	7
		R-516a	128
R-22 / R-404A	1,810 / 3,922	R-454A	239
		R-454C	148
R-410A	2,088	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.

