

**Fieldpiece**



**A2L**

**OUR A2L COMPATIBLE  
LINE UP INCLUDES**



**Recovery Machine  
MR45**



**Refrigerant Manifolds  
SM482V, SM382V**



**Vacuum Pumps  
VPX7, VP87, VP67**



**Leak Detectors  
DR82, DR58**



**Vacuum Gauge  
MG44**



**Charge and Air Kit Probes  
J13KH6, J13KR4, J13PC, J13PR, J13RH**



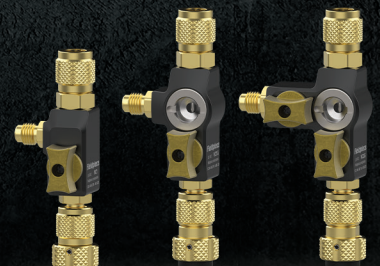
**Refrigerant Scale  
SR47**



**Vacuum Hoses  
HV1, HV1S**



**Recovery Hoses and Extensions  
HR3, HR3B, HR3L, HR3C, HR3CM, HR3BM, HR3XB,  
HR3X, HR1XR, HR1, HR1B, HR1BM, HR1L, HR1LM**



**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**.

		Safety Group	
INCREASING FLAMMABILITY	High Flammability	A3	B3
	Flammable	A2	B2
	Low Flammability	<b>A2L</b>	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.