

# Fieldpiece

Fieldpiece Instruments, a leader in HVACR tools, has a full suite of products designed and built specifically for HVACR professionals. In this industry, innovation is essential, and Fieldpiece is at the forefront of this initiative. We have a full line-up of A2L compatible tools that help you do your job easier, faster and better.



## 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**  
IL3KH6 & IL3KR4  
IL3PC, IL3PR, IL3RH



**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**.

INCREASING  
FLAMMABILITY

Safety Group		
Higher Flammability	A3	B3
Flammable	A2	B2
Lower Flammability	<b>A2L</b>	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

<sup>1</sup> 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.

