

- 18cc displacement
- 3000 to 6000 RPM operating range
- Soft start function
- Internal digital controller
- Brushless technology
- Compact design
- IP68 rated



TECHNICAL PARAMETERS (COOLING)

	(KW / (K Btu/hr)			(KW)			(COP)		
	Refrigerating Capacity			Input Power			Coefficient of Performance		
	3,000 RPM	4,000 RPM	6,000 RPM	3,000 RPM	4,000 RPM	6,000 RPM	3,000 RPM	4,000 RPM	6,000 RPM
MD18-2 (12V)	1.38/4.7	1.89/7.3*	/	0.74	1.15*	/	1.80	1.85*	/
MD18-4 (24V)	1.38 / 4.7	1.89 / 6.4	2.90 / 9.9	0.17	0.98	1.56	1.85	1.90	1.85
MD24A6 (24V)	1.89 / 6.4	2.58 / 8.8	4.00 / 13.6	1.02	1.36	2.16	1.85	1.90	1.85

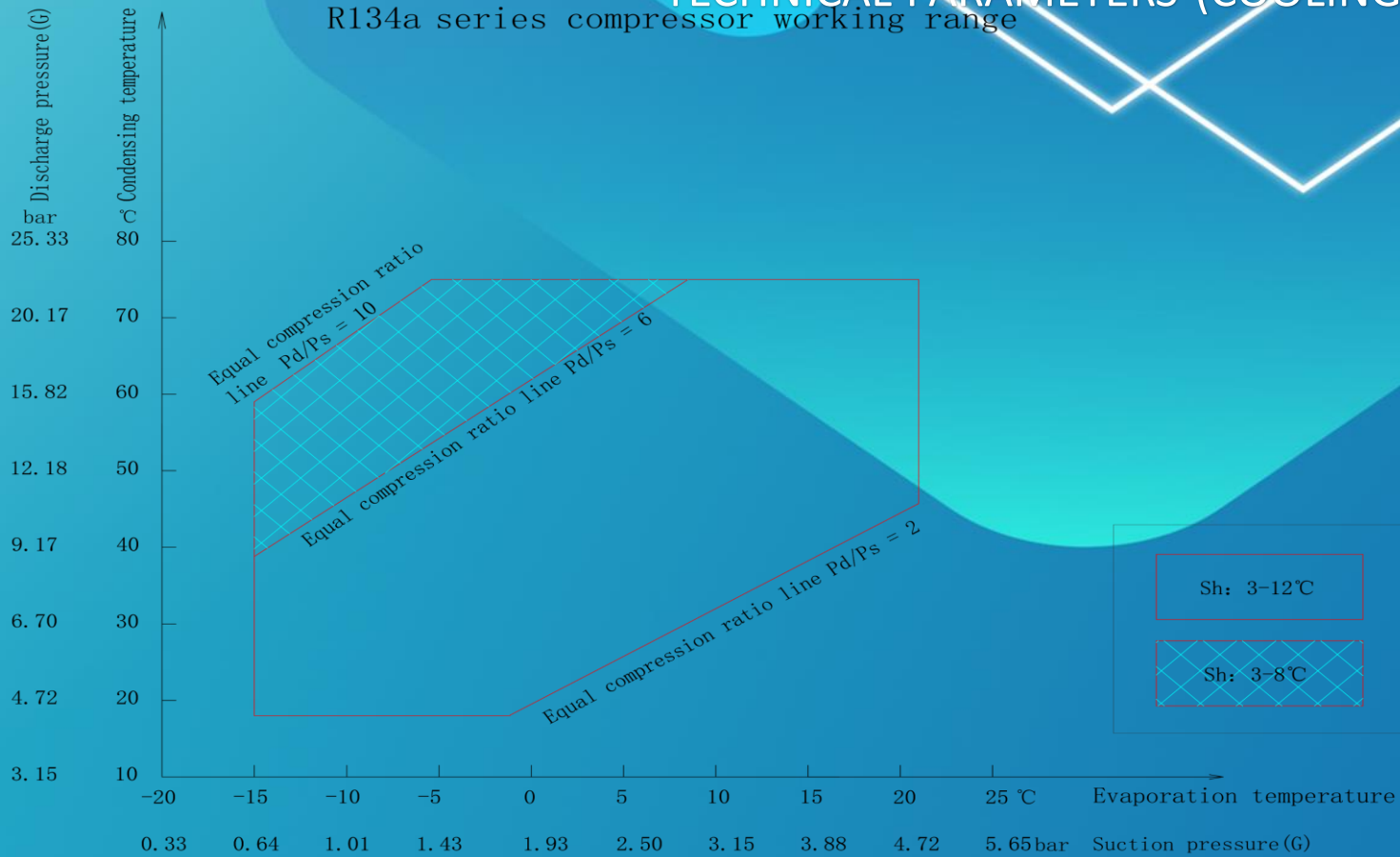
	Displacement	Rated Voltage	Rated Current	Rotated Speed Range	Noise	Refregerent	Refregerent	Voltage Range
	(CC/REV)	DC (V)	(A) (6,000 RPM)	(RPM)	(dB) (A) (6,000 RPM)	R134a	R404a	DC (V)
MD18-2 (12V)	18	12V	96*	1,500 - 4,500	70*			10-16
MD18-4 (24V)	18	24V	65	1,500 - 6,000	75			20-31
MD24A6 (24V)	24	24V	90.0	1,500 - 6,000	75			20-31

Model MD18 Series - Test done using R134A gas charge - Oil charge 100cc
 Above data test condition (cooling) - Suction pressure: 0.196MPa - Discharge pressure: 1.47MPa - Super-heating: 10°C - Super-cooling: 5°C



TECHNICAL PARAMETERS (COOLING)

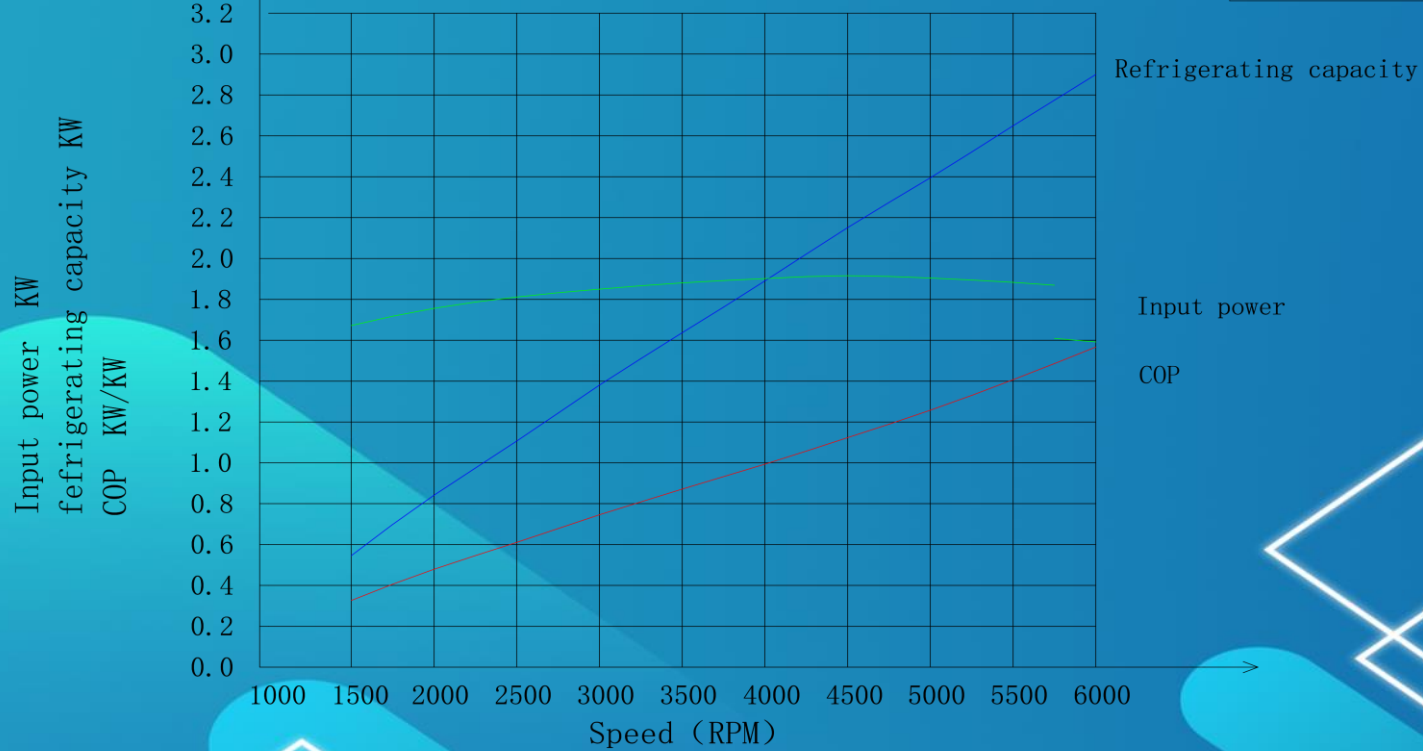
R134a series compressor working range



Test voltage: DC 24V
Refrigerate: R134a

Refrigeration performance - speed curve
Type: MD18-4

Ps = 0.196MPa (G)
Pd = 1.47MPa (G)
Sh = 10 °C
Sc = 5 °C

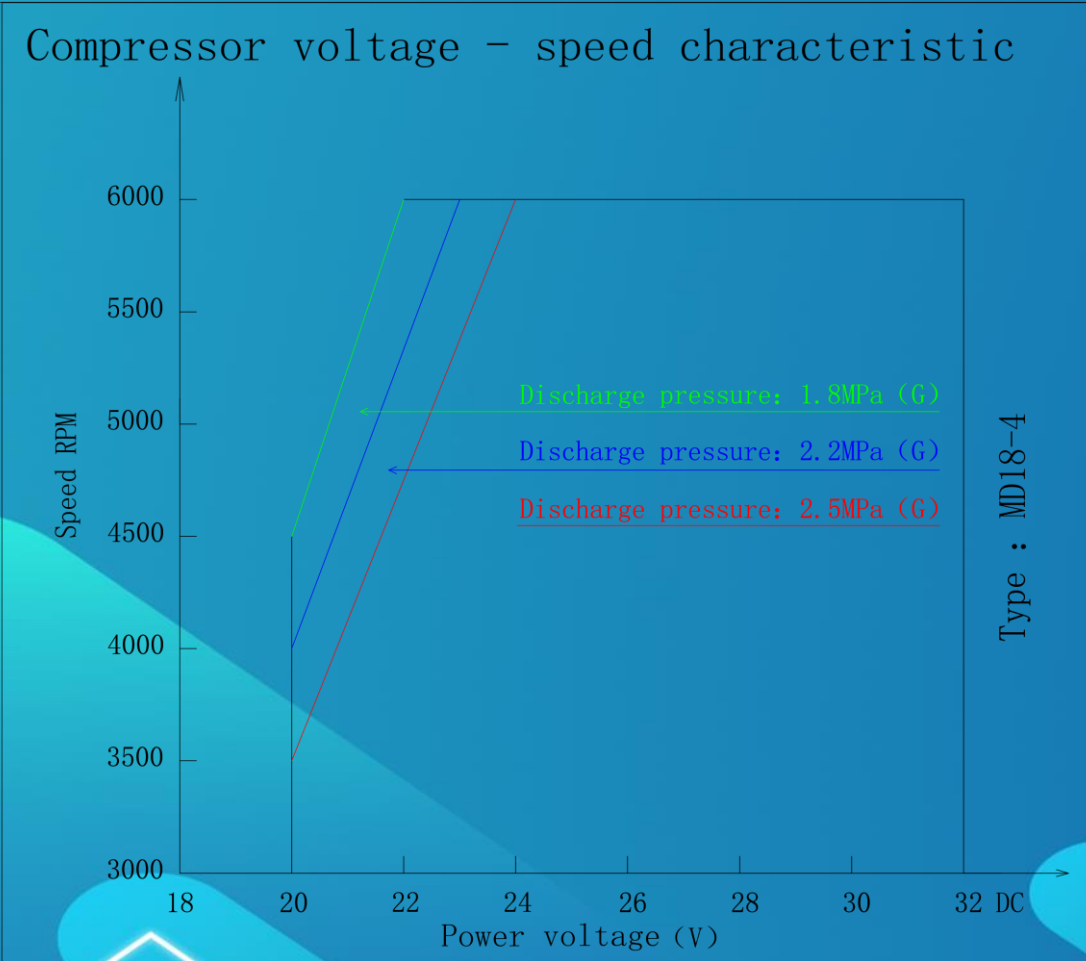
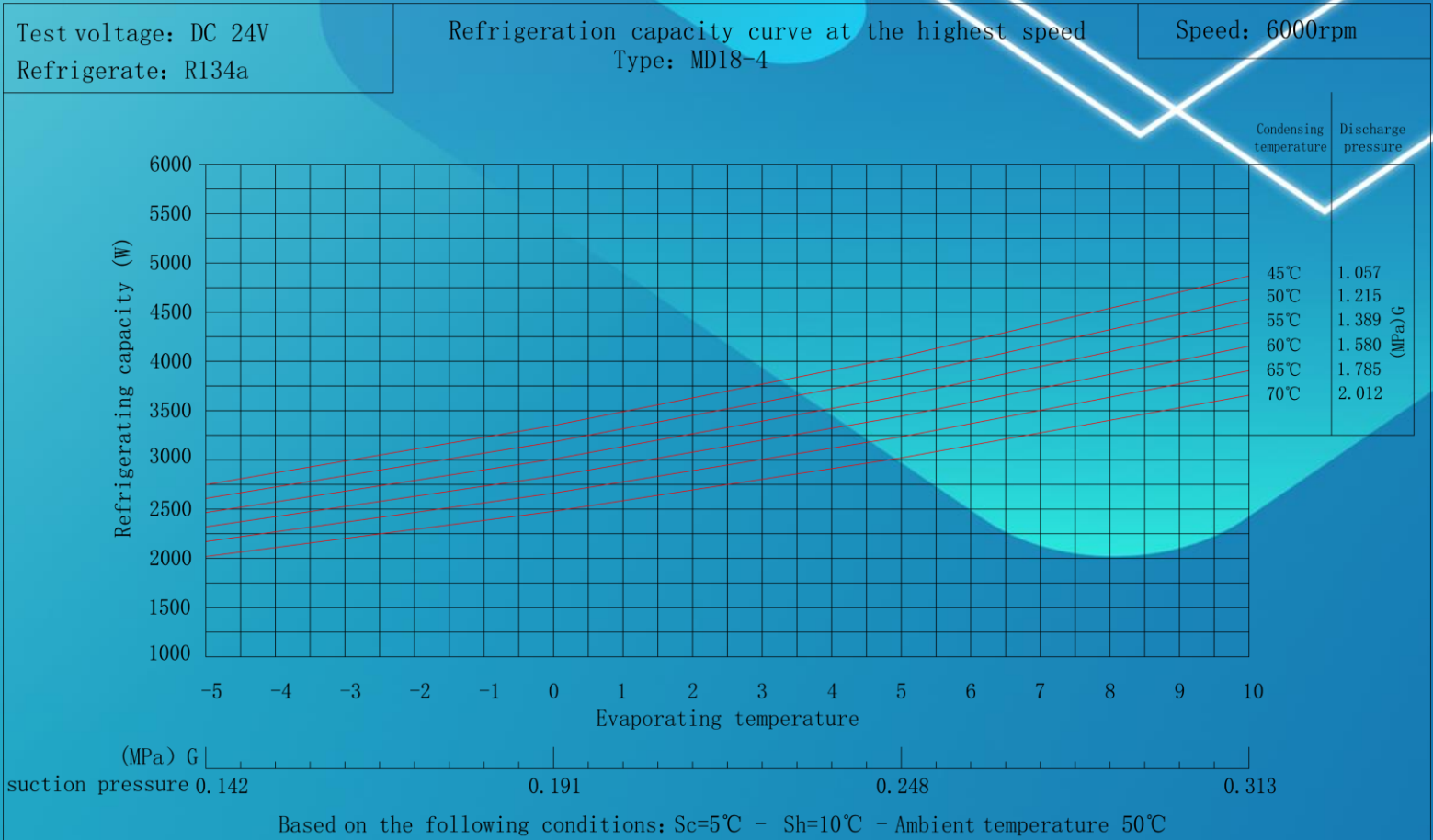


QUALITY
Australian owned and operated company providing durable high quality Air Conditioning systems for distribution into the worlds marketplace.

PROVEN TESTING CIRCUIT
Automotive, Trucking and Transport industry, Mining, Construction, Rail, Marine, Civil aviation, Defense Sector.

ENVIRONMENTALLY FRIENDLY
We aim to provide products that have little impact on the environment, our DC air-con systems produce no carbon monoxide.

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YOUR SPECIALIST IN DC HVAC SYSTEMS



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