



60 Hz

SCROLL COMPRESSOR SPIRION SERIES

product launch ⚡

2 ⇌ 13 HP



more powerful & complete portfolio than ever, now for air conditioning and heat pump



extended capacity range
up to 13 HP
powering
demanding applications



next-gen refrigerants
compatible with A2L refrigerants,
including the new R-454B,
to support the energy transition



seamless retrofit solution
designed for easy replacement
with established North
American footprints

REFRIGERANTS



APPLICATIONS

logistic warehouse
chiller
cold room
supermarket island
remote system
air conditioning
heat pump

TECHNOLOGIES





empowering precision that outperforms.

driven by a more audacious and dynamic vision,
we've set scroll technology in motion with high performance
and precision, expanding our commercial compressor portfolio.

2 HP **CURRENT PORTFOLIO** 7 HP

2 HP

SCROLL SPIRION PORTFOLIO

13 HP

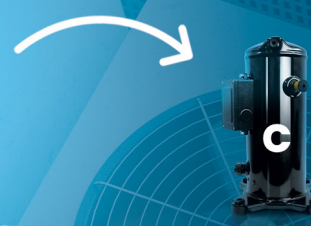


commercial refrigeration

complete range
of commercial
refrigeration
compressors,
ready to pair
with our
condensing units
& unit coolers

air conditioning & heat pump

matching
the installed base
of scroll compressors
in the field



UP TO 10 TONS





COOLING PERFORMANCE

COMMERCIAL REFRIGERATION - LOW BACK PRESSURE (LBP)

R-404A / R-452A / R-448A / R-449A / R-454A / R-455A / R-454C

refrigerant	model	disp. (cm ³)	HP	voltage & frequency	ARI (BTU/h) evap -25°F / cond 105°F
					capacity (BTU/h)
R-455A	VS2480P	33.3	2	208-230V 60Hz 1~	5 732
	VS2510P	42	2.5		7 231
	VS2511P	46.6	3		8 023
	VS2513P	58	3.5		10 402
	VS2515P	67.8	4		12 160
	VS2519P	83.3	5		14 940
	VS2480P	33.3	2	220V 60Hz 3~	5 732
	VS2490P	42	2.5		7 231
	VS2511P	46.6	3		8 023
	VS2513P	58	3.5		10 402
	VS2515P	67.8	4		12 160
	VS2519P	83.3	5		14 940
	VS2522P	98.3	6		17 776
	VS2525P	108	7		21 282

COMMERCIAL REFRIGERATION - MEDIUM HIGH BACK PRESSURE (MHBP)

R-404A / R-452A / R-448A / R-449A / R-454A / R-455A / R-454C

refrigerant	model	disp. (cm ³)	HP	voltage & frequency	ARI (BTU/h) evap 20°F / cond 120°F
					capacity (BTU/h)
R-455A	VS4466P	17	1	208-230V 60Hz 1~	6 828
	VS4510P	25	1.5		10 192
	VS7515P	33.3	2		14 653
	VS7519P	42	2.5		18 031
	VS7521P	46.6	3		20 006
	VS7526P	58	3.5		24 900
	VS7530P	67.8	4		29 107
	VS7538P	83.3	5		35 761
	VS4466P	17	1	220V 60Hz 3~	6 828
	VS4510P	25	1.5		10 192
	VS7515P	33.3	2		14 653
	VS7519P	42	2.5		18 031
	VS7521P	46.6	3		20 006
	VS7526P	58	3.5		24 900
	VS7530P	67.8	4		29 107
	VS7538P	83.3	5		35 761
	VS7545P	98.3	6		42 201
	VS4546P	108	7		46 365
	VS4515P	33.3	2	380-460V 60Hz 3~	14 653
	VS4519P	42	2.5		18 031
	VS4521P	46.6	3		20 006
	VS4526P	58	3.5		24 900
	VS4530P	67.8	4		29 107
	VS4538P	83.3	5		35 761



COOLING PERFORMANCE

COMMERCIAL REFRIGERATION - MEDIUM HIGH BACK PRESSURE (MHBP)

R-404A / R-452A / R-448A / R-449A / R-454A / R-455A / R-454C

refrigerant	model	disp. (cm ³)	HP	voltage & frequency	ARI (BTU/h) evap 20°F / cond 120°F
					capacity (BTU/h)
R-455A	VS4545P	98.3	6	380-460V 60Hz 3~	42 201
	VS4546P	108	7		46 365
	VS4555P	123	8		52 797
	VS4566P	145.4	9		64 212
	VS4576P	167.2	10		72 377
	VS4586P	189.1	12		81 974

AIR CONDITIONING & HEAT PUMP

R-454B / R-410A

refrigerant	model	disp. (cm ³)	HP	voltage & frequency	ARI (BTU/h) evap 45°F / cond 130°F
					capacity (BTU/h)
R-454B	VS5537G	38.5	3.5	208-230V 60Hz 1~	40 196
	VS5546G	46	4		49 770
	VS5548G	49.4	4.5		51 574
	VS5555G	59.2	5		59 796
	VS5536G	38.5	3.5	208-230V 60Hz 3~	39 477
	VS5545G	46	4		49 274
	VS5548G	49.4	4.5		51 832
	VS5554G	59.2	5		58 814
	VS5568G	71.3	6		69 503
	VS5572G	74.7	7		78 351
	VS5584G	90.8	8		95 104
	VS5594G	100	9		104 290
	VS5603G	107.7	10		114 899
	VS5609G	123	11		118 341
	VS5625G	131.6	12		128 919
	VS5534G	38.5	3.5	460V 60Hz 3~	37 596
	VS5544G	46	4		48 072
	VS5546G	49.4	4.5		50 522
	VS5553G	59.2	5		57 851
	VS5567G	71.3	6		67 808
	VS5571G	74.7	7		77 140
	VS5584G	90.8	8		94 828
	VS5594G	100	9		104 283
	VS5603G	107.5	10		115 639
	VS5609G	123	11		120 808
	VS5625G	131.6	12		128 919

Preliminary data subject to change without notice.

TO FIND OUT MORE INFORMATION

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