



NEWEX

Experience New

NEWEX INTERNATIONAL CO., LTD

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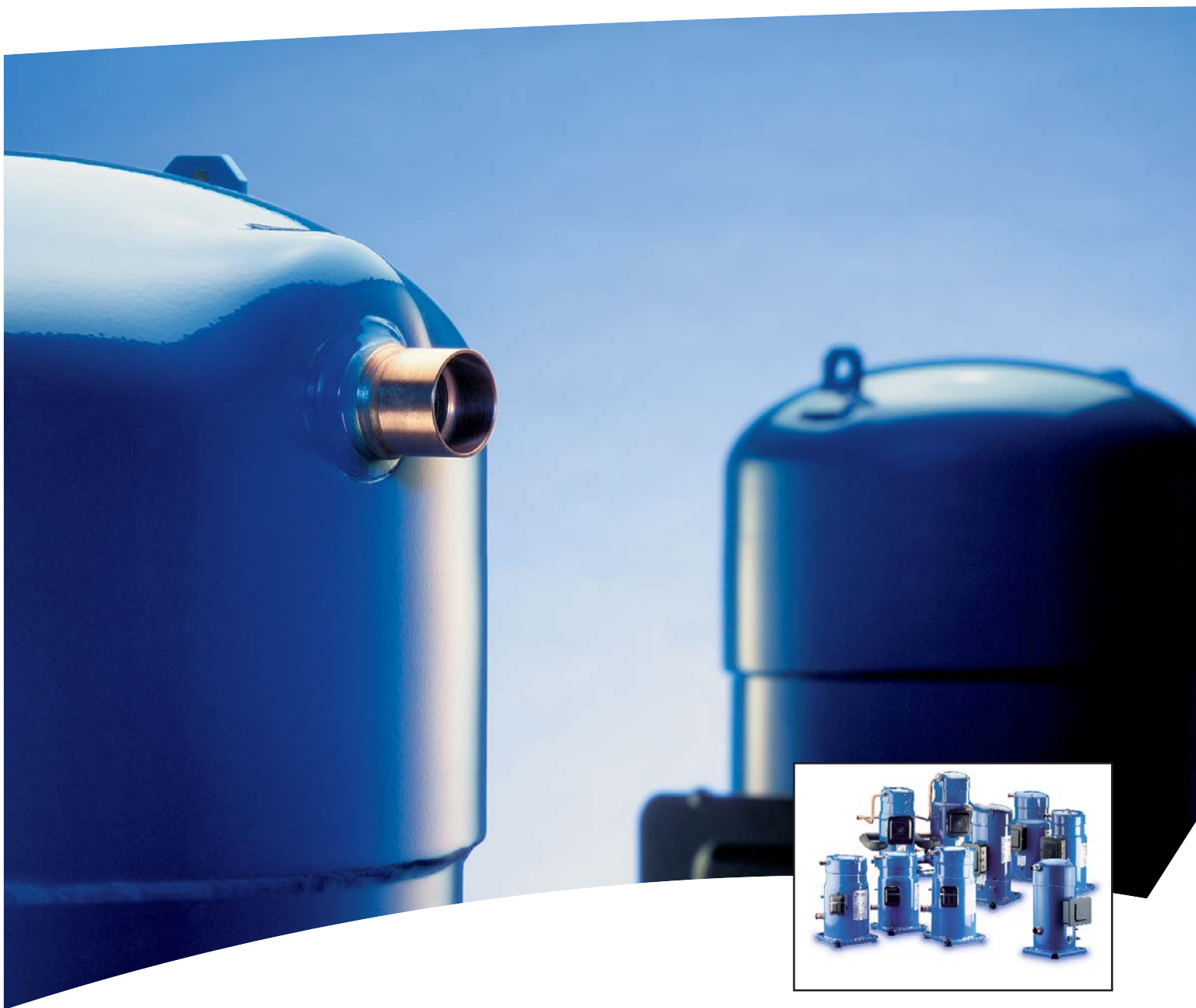
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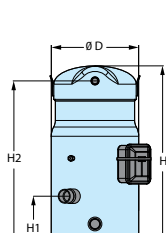
Performer® scroll compressors

SM - SY - SZ
R407C - R134a - R22 - 50 Hz

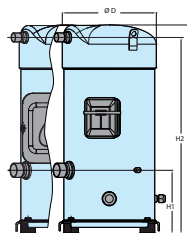
Quick reference

QUICK REFERENCE

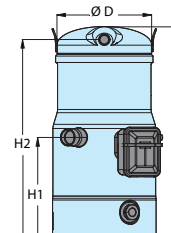
PRODUCT RANGE SINGLE COMPRESSORS



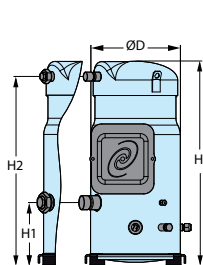
	D	H	H1	H2
S084-090-100	254	508	142	465
S110-120	254	558	178	515



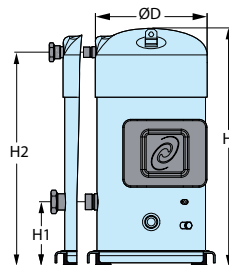
	D	H	H1	H2
S148-161	266	591	180	556



	D	H	H1	H2
S112	243	535	278	504
S124-147	243	540	278	509



	D	H	H1	H2
S115-125	254	581	180	537
S160	266	631	180	596
S175-185	316	678	180	641



	D	H	H1	H2
S240	344	727	196	654
S300	344	738	196	665
S380	344	762	196	689

All dimensions in mm

Model	Motor voltage code		
	400V/3/50Hz - 460V/3/60Hz	230/3/50	500/3/50 - 575/3/60
	4	6	7
SM/SZ084-090-100-110-120	●	●	●
SM/SZ148-161	●	●	●
SM112-124-147	●	●	●
SM/SZ115-125-160-175-185	○ ●	○ ●	○ ●
SY185	○ ●	○ ●	○ ●
SY/SZ240-300	○ ●	○ ●	○ ●
SY/SZ380 *	●		

○ Rotolock version ● Brazed version * SY380 only available for 400/3/50Hz

TECHNICAL SPECIFICATIONS

Model		Nominal tons 60 Hz	Nominal cooling capacity ①		Power input ①	Max. opera- ting current	COP ①	E.E.R. ①	Sound power	Swept volume	Displace- ment ③	Oil charge	Net weight ④
		TR	W	Btu/h	kW	A ②	W/W	Btu/h/W	dB(A)	cm³/rev	m³/h	dm³	kg
R22	SM084	7	20 400	69 600	6.12	17	3.33	11.4	70	114.5	19.92	3.3	64
	SM090	7.5	21 800	74 400	6.54	17	3.33	11.4	70	120.5	20.97	3.3	65
	SM100	8	23 100	79 000	6.96	18	3.33	11.3	70	127.2	22.13	3.3	65
	SM110	9	25 900	88 600	7.82	20	3.32	11.3	75	144.2	25.09	3.3	73
	SM112	9.5	27 600	94 400	7.92	21	3.49	11.9	75	151.5	26.36	3.3	64
	SM115	9.5	28 000	95 600	8.31	22	3.37	11.5	76	155.0	26.97	3.8	78
	SM120	10	30 100	102 800	8.96	24	3.36	11.5	75	166.6	28.99	3.3	73
	SM124	10	31 200	106 300	8.75	23	3.56	12.2	73	169.5	29.50	3.3	64
	SM125	10	30 100	102 800	8.93	24	3.37	11.5	76	166.6	28.99	3.8	78
	SM147	12	36 000	123 000	10.08	26	3.58	12.2	74	193.5	33.70	3.3	67
	SM148	12	36 100	123 100	10.80	29	3.34	11.4	79	199.0	34.60	3.6	88
	SM160	13	39 100	133 500	11.60	29	3.37	11.5	79.5	216.6	37.69	4.0	90
	SM161	13	39 000	133 200	11.59	31	3.37	11.5	79.5	216.6	37.69	3.6	88
	SM175	14	42 000	143 400	12.46	34	3.37	11.5	80	233.0	40.54	6.2	100
	SM/SY185	15	45 500	155 300	13.62	35	3.34	11.4	80	249.9	43.48	6.2	100
R407C	SY240	20	61 200	208 700	18.20	47	3.36	11.5	82	347.8	60.50	8.0	150
	SY300	25	78 200	267 000	22.83	58	3.43	11.7	82	437.5	76.10	8.0	157
	SY380	30	92 000	313 900	26.82	69	3.43	11.7	85	531.2	92.40	8.4	158
	SZ084	7	19 300	66 000	6.13	17	3.15	10.7	71	114.5	19.92	3.3	64
	SZ090	7.5	20 400	69 600	6.45	17	3.16	10.8	72	120.5	20.97	3.3	65
	SZ100	8	21 600	73 700	6.84	18	3.15	10.8	73	127.2	22.13	3.3	65
	SZ110	9	24 600	84 000	7.76	20	3.17	10.8	77	144.2	25.09	3.3	73
	SZ115	9.5	26 900	91 700	8.49	22	3.16	10.8	77	155.0	26.97	3.8	78
	SZ120	10	28 600	97 600	8.98	24	3.18	10.9	77	166.6	28.99	3.3	73
	SZ125	10	28 600	97 500	8.95	24	3.19	10.9	78	166.6	28.99	3.8	78
	SZ148	12	35 100	119 800	10.99	29	3.19	10.9	79	199.0	34.60	3.6	88
	SZ160	13	37 600	128 200	11.58	29	3.24	11.1	80.5	216.6	37.69	4.0	90
	SZ161	13	37 900	129 500	11.83	31	3.21	10.9	79	216.6	37.69	3.6	88
	SZ175	14	40 100	136 900	12.67	34	3.17	10.8	81	233.0	40.54	6.2	100
	SZ185	15	43 100	147 100	13.62	35	3.16	10.8	81	249.9	43.48	6.2	100

① at ARI standard rating conditions: 7.2°C evaporating temperature, 54.4°C condensing temperature, 8.3 K subcooling, 11.1 K superheat,

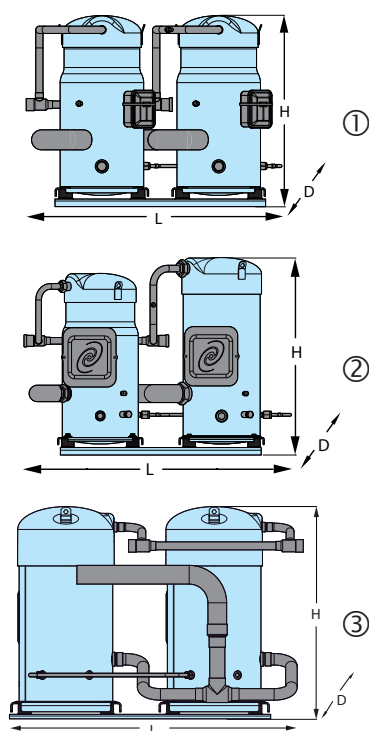
② for +15°C evap. temp., +68°C cond. temp. under nominal voltage 400V / 3 / 50 Hz, -10%

③ displacement at nominal speed: 2900 rpm at 50 Hz,

④ net weight with oil charge

QUICK REFERENCE

PRODUCT RANGE TANDEM COMPRESSORS



Outline n°	Model	Composition	Voltage code			Dimensions (mm)		
			4 400/3/50 460/3/60	6 230/3/50	7 500/3/50 575/3/60	L	D	H
①	SM/SZ170	S084 + S084	●	●	●	757	432	532
	SM/SZ180	S090 + S090	●	●	●	757	432	532
	SM/SZ200	S100 + S100	●	●	●	757	432	532
	SM/SZ220	S110 + S110	●	●	●	777	443	582
	SM/SZ230	S115 + S115	●	●	●	836	480	603
	SM/SZ242	S120 + S120	●	●	●	777	443	582
	SM248	S124 + S124	○	●	●	844	445	564
	SM/SZ250	S125 + S125	●	●	●	836	480	603
	SM272	S124 + S147	○	●	●	844	445	564
	SM294	S147 + S147	○	●	●	844	445	564
	SM/SZ296	S148 + S148	●	●	●	924	438	614
	SM/SZ320	S160 + S160	●	●	●	911	480	657
	SM/SZ322	S161 + S161	●	●	●	924	438	614
	SM/SZ350	S175 + S175	●	●	●	1004	495	717
	SM/SZ370	S185 + S185	●	●	●	1004	495	717
②	SM/SZ268	S148 + S120	●	●	●	930	441	614
	SM/SZ271	S161 + S110	●	●	●	930	441	614
	SM/SZ281	S161 + S120	●	●	●	930	441	614
	SM/SZ285	S160 + S125	●	●	●	884	480	657
	SM/SZ290	S175 + S115	●	●	●	924	496	705
	SM/SZ310	S185 + S125	●	●	●	924	496	705
	SY/SZ425	S240 + S185	○	○	○	1029	552	729
	SY/SZ485	S300 + S185	○	○	○	1029	552	740
	SY/SZ482	S240 + S240	○	○	○	984	510	730
	SY/SZ540	S300 + S240	○	○	○	984	510	740
③	SY/SZ600	S300 + S300	○	○	○	984	510	740
	SY/SZ620	S240 + S380	○	○	○	1058	595	770
	SY/SZ680	S300 + S380	○	○	○	1058	595	770
	SY/SZ760	S380 + S380	○	○	○	1063	595	770

● Factory built tandems

○ Tandems to be achieved by assembly of individual compressors. Specific outline drawings of tandems, trio and quadro units are available, refer to FRCC.PC.005.

NAMEPLATE REFERENCE

Family, lubricant & refrigerant	Nominal capacity		Voltage	Version	Evolution index																																																																											
SZ SY	185 300	- A	4 7	R AA	C A	Single compressors Single compressors																																																																										
<div>Family, lubricant & refrigerant SM: Scroll, Mineral oil, R22 SY: Scroll, POE lubricant, R22 (and R407C for SY185-240-300) SZ: Scroll, POE lubricant, R407C - R134a (and R404A, R507A for SZ084 to SZ185)</div> <div>Nominal capacity in thousand Btu/h at 60 Hz, R22, ARI conditions</div> <div>Motor voltage code 3: 200-230V/3~/60 Hz 4: 380-400V/3~/50 - 460V/3~/60 Hz 6: 230V/3~/50 Hz 7: 500V/3~/50 Hz - 575V/3~/60 Hz 9: 380V/3~/60 Hz</div>																																																																																
		<table><tr><th>Motor protection type</th><th></th><th>Connection</th><th>Module voltage</th><th>Applies to</th></tr><tr><td rowspan="2">Internal overload protector</td><td>V</td><td>: brazed</td><td></td><td>S 084-090-100-110-120-148-161</td></tr><tr><td>A</td><td>: brazed</td><td></td><td>S 112-124-147</td></tr><tr><td rowspan="2">Internal thermostat</td><td>C</td><td>: brazed</td><td></td><td rowspan="6">S 115-125-160-175-185</td></tr><tr><td>R</td><td>: rotolock</td><td></td></tr><tr><td rowspan="10">Electronic protection module</td><td>J</td><td>: brazed 24 V DC</td><td></td></tr><tr><td>P</td><td>: brazed 24 V AC</td><td></td></tr><tr><td>U</td><td>: brazed 115 V</td><td></td></tr><tr><td>X</td><td>: brazed 230 V</td><td></td></tr><tr><td>K</td><td>: rotolock 24 V DC</td><td></td></tr><tr><td>S</td><td>: rotolock 24 V AC</td><td></td></tr><tr><td>W</td><td>: rotolock 115 V</td><td></td></tr><tr><td>Y</td><td>: rotolock 230 V</td><td></td></tr><tr><td>AF</td><td>A: brazed</td><td>F: 24V DC</td><td rowspan="4">S 240 - 300</td></tr><tr><td>AA</td><td></td><td>A: 24V AC</td></tr><tr><td>AB</td><td></td><td>B: 115/230V</td></tr><tr><td>MA</td><td>M: rotolock</td><td>A: 24V AC</td></tr><tr><td>MB</td><td></td><td>B: 115/230V</td><td></td></tr><tr><td>CA</td><td>C: brazed</td><td>A: 24V AC</td><td rowspan="3">S 380 *</td></tr><tr><td>CB</td><td></td><td>B: 115/230V</td></tr><tr><td>CF</td><td></td><td>F: 24V DC</td></tr></table>					Motor protection type		Connection	Module voltage	Applies to	Internal overload protector	V	: brazed		S 084-090-100-110-120-148-161	A	: brazed		S 112-124-147	Internal thermostat	C	: brazed		S 115-125-160-175-185	R	: rotolock		Electronic protection module	J	: brazed 24 V DC		P	: brazed 24 V AC		U	: brazed 115 V		X	: brazed 230 V		K	: rotolock 24 V DC		S	: rotolock 24 V AC		W	: rotolock 115 V		Y	: rotolock 230 V		AF	A: brazed	F: 24V DC	S 240 - 300	AA		A: 24V AC	AB		B: 115/230V	MA	M: rotolock	A: 24V AC	MB		B: 115/230V		CA	C: brazed	A: 24V AC	S 380 *	CB		B: 115/230V	CF		F: 24V DC
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CB		B: 115/230V																																																																														
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* SY380 only available for 400V/3~/50 Hz, SZ380 available for both 400V/3~/50 Hz and 460V/3~/60 Hz																																																																																

FURTHER REFERENCE

For more exhaustive information on Performer® scroll compressors single & tandem units, please refer to the following documents:

- Online datasheet generator:
www.danfoss.com/odsg - a tool providing user-friendly access to full technical data, performance data & outline drawings for each individual compressor.

- Selection and application guidelines for SM, SY and SZ Performer® single scroll compressors - ref. FRCC.PC.003. and for SM, SY and SZ Performer® scroll compressors in parallel installation - ref. FRCC.PC.005.

Above documents and datasheet generator are available on the Danfoss Commercial Compressors internet website: <http://cc.danfoss.com>

QUICK REFERENCE
PERFORMANCE DATA SM/SY R22

Model	To	-20		-15		-10		-5		0		5		10		15	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SM084	35	7 700	4.0	9 900	4.0	12 500	4.0	15 500	4.0	18 900	4.0	22 800	4.0	27 200	3.9	32 100	3.9
	55	-	-	-	-	-	-	12 000	6.4	15 000	6.3	18 500	6.2	22 500	6.2	26 900	6.1
SM090	35	8 600	4.3	10 900	4.4	13 600	4.4	16 700	4.4	20 200	4.4	24 300	4.4	28 900	4.4	34 100	4.4
	55	-	-	-	-	-	-	13 300	6.7	16 400	6.7	19 900	6.6	23 900	6.6	28 400	6.5
SM100	35	9 000	4.6	11 500	4.6	14 400	4.7	17 700	4.7	21 500	4.7	25 800	4.7	30 700	4.7	36 200	4.7
	55	-	-	-	-	-	-	14 200	7.1	17 400	7.1	21 200	7.1	25 400	7.0	30 200	7.0
SM110	35	10 200	5.2	13 000	5.2	16 200	5.2	20 000	5.2	24 200	5.2	29 000	5.2	34 400	5.2	40 400	5.2
	55	-	-	-	-	-	-	15 900	8.0	19 600	8.0	23 800	7.9	28 400	7.9	33 700	7.8
SM112	35	11 300	5.1	14 100	5.1	17 400	5.2	21 200	5.3	25 500	5.4	30 500	5.5	36 100	5.6	42 500	5.7
	55	-	-	-	-	-	-	17 500	7.8	21 200	7.9	25 400	8.0	30 200	8.1	35 700	8.2
SM115	35	11 200	5.4	13 900	5.4	17 100	5.4	20 800	5.5	25 100	5.5	30 000	5.4	35 600	5.4	41 800	5.4
	55	-	-	-	-	-	-	16 500	8.6	20 700	8.5	25 500	8.5	31 000	8.4	37 100	8.3
SM120	35	11 800	6.0	15 200	6.0	19 000	6.0	23 300	5.9	28 200	5.9	33 700	5.9	39 900	5.9	46 700	5.9
	55	-	-	-	-	-	-	18 600	9.2	22 800	9.2	27 600	9.1	33 000	9.0	38 900	9.0
SM124	35	13 100	5.4	16 200	5.5	19 800	5.7	23 900	5.8	28 700	6.0	34 100	6.1	40 300	6.2	47 200	6.4
	55	-	-	-	-	-	-	19 800	8.4	24 000	8.6	28 700	8.8	34 100	9.0	40 200	9.2
SM125	35	12 000	5.8	15 000	5.8	18 400	5.9	22 400	5.9	27 000	5.9	32 300	5.9	38 200	5.8	45 000	5.8
	55	-	-	-	-	-	-	17 700	9.3	22 300	9.2	27 400	9.1	33 300	9.0	39 900	8.9
SM147	35	14 900	6.3	18 600	6.4	22 900	6.5	27 800	6.7	33 500	6.9	40 000	7.1	47 300	7.2	55 600	7.4
	55	-	-	-	-	-	-	22 700	9.8	27 500	9.9	33 100	10.1	39 400	10.3	46 600	10.5
SM148	35	14 800	7.0	18 500	7.0	22 900	7.1	27 800	7.1	33 600	7.2	40 100	7.2	47 500	7.3	55 900	7.3
	55	-	-	-	-	-	-	22 600	10.9	27 500	10.9	33 100	10.9	39 500	11.0	46 800	11.0
SM160	35	15 500	7.6	19 600	7.7	24 300	7.8	29 700	7.9	35 900	8.0	43 000	8.1	50 900	8.1	59 800	8.2
	55	-	-	-	-	-	11.5	24 100	11.6	29 600	11.6	35 800	11.7	42 900	11.8	50 800	11.8
SM161	35	16 000	7.5	20 100	7.6	24 700	7.6	30 100	7.6	36 300	7.7	43 400	7.7	51 400	7.8	60 500	7.8
	55	-	-	-	-	-	-	24 400	11.7	29 700	11.7	35 800	11.7	42 800	11.8	50 600	11.8
SM175	35	17 000	8.1	21 300	8.1	26 400	8.2	32 300	8.3	39 000	8.4	46 600	8.4	55 200	8.5	64 800	8.5
	55	-	-	-	-	-	-	26 200	12.4	32 000	12.5	38 500	12.6	46 000	12.6	54 400	12.7
SM185	35	18 400	8.8	23 100	8.9	28 600	9.0	35 000	9.1	42 200	9.1	50 500	9.2	59 800	9.3	70 200	9.3
	55	-	-	-	-	-	13.5	28 400	13.6	34 600	13.7	41 800	13.8	49 800	13.8	58 900	13.9
SY185	35	17 600	8.7	22 500	8.7	28 100	8.7	34 500	8.8	42 000	8.9	50 400	9.0	60 000	9.1	70 900	9.2
	55	-	-	-	-	-	13.3	28 600	13.3	34 800	13.3	41 900	13.4	49 800	13.5	58 600	13.7
SY240	35	25 100	11.7	31 400	11.8	38 800	12.0	47 300	12.1	57 100	12.4	68 300	12.6	81 000	13.0	95 300	13.3
	55	-	-	-	-	-	-	38 400	17.8	46 600	18.0	56 100	18.3	67 000	18.6	79 300	18.9
SY300	35	31 900	14.2	39 900	14.5	49 300	14.8	60 300	15.1	73 100	15.6	87 900	16.1	104 800	16.7	124 100	17.4
	55	-	-	-	-	-	-	48 600	22.0	59 200	22.4	71 600	22.8	85 900	23.4	102 300	24.1
SY380	35	40 100	17.3	49 500	17.6	60 500	18.0	73 300	18.4	88 100	18.8	104 900	19.2	124 100	19.8	145 800	20.4
	55	-	-	-	-	-	-	59 700	26.8	72 300	27.1	86 800	27.5	103 400	27.9	122 300	28.4
SM170	35	15 200	8.0	19 500	8.0	24 600	8.0	30 500	8.0	37 200	8.0	44 900	7.9	53 500	7.9	63 200	7.8
	55	-	-	-	-	-	-	23 600	12.7	29 600	12.6	36 500	12.5	44 300	12.3	53 100	12.1
SM180	35	16 900	8.6	21 400	8.7	26 700	8.8	32 800	8.8	39 900	8.8	47 900	8.8	56 900	8.8	67 100	8.7
	55	-	-	-	-	-	-	26 200	13.4	32 300	13.3	39 300	13.3	47 100	13.2	56 000	13.1
SM200	35	17 700	9.2	22 600	9.3	28 300	9.3	34 800	9.3	42 300	9.4	50 900	9.4	60 500	9.4	71 300	9.4
	55	-	-	-	-	-	-	27 900	14.3	34 400	14.2	41 700	14.1	50 000	14.0	59 400	13.9
SM220	35	20 000	10.4	25 500	10.4	32 000	10.4	39 300	10.4	47 700	10.5	57 100	10.5	67 700	10.4	79 500	10.4
	55	-	-	-	-	-	-	31 400	16.0	38 600	16.0	46 800	15.9	56 000	15.8	66 300	15.6
SM230	35	22 000	10.8	27 400	10.9	33 700	10.9	41 000	10.9	49 500	10.9	59 100	10.9	70 100	10.9	82 400	10.8
	55	-	-	-	-	-	-	32 500	17.2	40 800	17.1	50 200	16.9	61 000	16.7	73 100	16.5
SM242	35	23 300	12.0	29 900	11.9	37 400	11.9	45 900	11.9	55 600	11.9	66 400	11.9	78 500	11.8	92 000	11.8
	55	-	-	-	-	-	-	36 600	18.4	45 000	18.3	54 400	18.2	64 900	18.1	76 600	17.9
SM248	35	26 300	10.9	32 500	11.1	39 600	11.3	47 900	11.6	57 400	11.9	68 200	12.2	80 500	12.5	94 400	12.7
	55	-	-	-	-	-	-	39 700	16.9	47 900	17.2	57 400	17.5	68 100	17.9	80 300	18.4
SM250	35	23 700	11.6	29 500	11.7	36 200	11.7	44 100	11.7	53 200	11.7	63 500	11.7	75 300	11.7	88 600	11.6
	55	-	-	-	-	-	-	35 000	18.5	43 800	18.4	54 000	18.2	65 600	18.0	78 600	17.7
SM268	35	26 600	13.0	33 700	13.0	41 800	13.0	51 100	13.1	61 700	13.1	73 700	13.2	87 300	13.2	102 400	13.2
	55	-	-	-	-	-	-	40 700	20.1	49 800	20.1	60 100	20.0	71 700	20.0	84 800	20.0
SM271	35	25 800	12.7	32 500	12.8	40 300	12.8	49 300	12.9	59 600	12.9	71 300	13.0	84 500	13.0	99 300	13.0
	55	-	-	-	-	-	-	39 700	19.7	48 600	19.7	58 700	19.7	70 100	19.6	83 000	19.6
SM272	35	28 000	11.7	34 800	11.9	42 600	12.2	51 700	12.5	62 100	12.8	73 900	13.2	87 400	13.5	102 600	13.8
	55	-	-	-	-	-	-	41 700	18.3	50 500	18.5	60 600	18.9	72 100	19.3	85 200	19.7
SM281	35	27 500	13.5	34 700	13.5	43 000	13.6	52 600	13.6	63 600	13.6	75 900	13.7	89 900	13.7	105 500	13.7
	55	-	-	-	-	-	-	42 300	20.9	51 800	20.9	62 500	20.8	74 600	20.8	88 200	20.8
SM285	35	27 100	13.4	34 000	13.5	42 100	13.6	51 400	13.7	62 000	13.8	74 100	13.9	87 800	14.0	103 200	14.1
	55	-	-	-	-	-	-	41 200	20.8	51 100	20.8	62 300	20.8	75 000	20.8	89 300	20.7
SM290	35	27 700	13.5	34 700	13.6	42 900	13.7	52 300	13.8	63 100	13.8	75 400	13.9	89 400	13.9	105 100	13.9
	55	-	-	-	-	-											

QUICK REFERENCE
PERFORMANCE DATA SZ R134 a

Model	To Tc	-15		-10		-5		0		5		10		15	
		Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SZ084	35	6 200	2.8	8 000	2.8	10 100	2.8	12 600	2.8	15 400	2.7	18 700	2.7	22 400	2.6
	55	-	-	6 100	4.3	7 900	4.3	9 900	4.3	12 400	4.3	15 100	4.3	18 300	4.2
SZ090	35	6 700	2.9	8 600	2.9	10 900	3.0	13 400	2.9	16 400	2.9	19 800	2.9	23 600	2.8
	55	-	-	6 600	4.5	8 500	4.6	10 700	4.6	13 200	4.6	16 000	4.5	19 300	4.5
SZ100	35	7 300	3.1	9 400	3.1	11 700	3.1	14 400	3.1	17 500	3.1	21 000	3.1	25 000	3.1
	55	-	-	7 300	4.8	9 300	4.8	11 500	4.9	14 100	4.9	17 100	4.9	20 400	4.8
SZ110	35	8 200	3.5	10 500	3.5	13 200	3.5	16 200	3.5	19 800	3.5	23 800	3.5	28 400	3.5
	55	-	-	8 100	5.4	10 400	5.4	13 000	5.5	16 000	5.5	19 400	5.5	23 300	5.4
SZ115	35	9 000	3.8	11 600	3.8	14 500	3.8	17 900	3.8	21 800	3.8	26 300	3.7	31 200	3.7
	55	-	-	8 900	5.9	11 400	5.9	14 300	5.9	17 600	5.9	21 400	5.9	25 700	5.9
SZ120	35	9 400	4.0	12 000	4.0	15 100	4.1	18 700	4.1	22 800	4.1	27 500	4.1	32 900	4.0
	55	-	-	9 300	6.2	11 900	6.3	14 900	6.3	18 400	6.3	22 400	6.3	27 000	6.2
SZ125	35	9 600	4.1	12 300	4.1	15 500	4.1	19 100	4.1	23 300	4.0	28 000	4.0	33 300	3.9
	55	-	-	9 500	6.3	12 100	6.3	15 200	6.3	18 800	6.3	22 800	6.3	27 400	6.2
SZ148	35	11 200	5.0	14 400	5.0	18 100	5.0	22 600	5.0	27 900	5.0	34 000	5.0	41 100	5.0
	55	-	-	11 200	7.7	14 200	7.7	17 800	7.7	22 100	7.7	27 100	7.8	32 800	7.8
SZ160	35	12 400	5.3	15 900	5.3	20 000	5.4	24 700	5.4	30 200	5.4	36 400	5.4	43 500	5.4
	55	-	-	12 300	7.9	15 800	8.0	19 800	8.0	24 500	8.1	29 800	8.1	35 900	8.1
SZ161	35	12 000	5.2	15 300	5.2	19 200	5.3	23 800	5.3	29 200	5.4	35 500	5.4	42 700	5.4
	55	-	-	12 100	8.0	15 300	8.0	19 200	8.1	23 700	8.1	28 900	8.1	35 000	8.1
SZ175	35	13 200	5.7	16 900	5.8	21 200	5.8	26 200	5.9	32 100	5.9	38 700	5.9	46 200	5.8
	55	-	-	13 100	8.6	16 700	8.6	21 000	8.7	26 000	8.7	31 700	8.8	38 100	8.8
SZ185	35	14 000	6.1	18 000	6.1	22 600	6.2	27 900	6.2	34 100	6.3	41 200	6.3	49 200	6.2
	55	-	-	13 900	9.1	17 800	9.2	22 400	9.3	27 700	9.3	33 700	9.3	40 600	9.3
SZ240	35	18 900	8.4	23 900	8.5	29 900	8.6	37 100	8.7	45 700	8.7	56 000	8.8	68 200	8.9
	55	-	-	18 800	12.3	23 800	12.5	29 700	12.6	36 700	12.7	45 000	12.9	54 700	13.0
SZ300	35	23 700	10.2	30 000	10.4	37 500	10.5	46 300	10.6	56 700	10.7	68 900	10.8	82 800	11.0
	55	-	-	23 600	15.2	29 700	15.4	37 100	15.6	45 800	15.9	55 900	16.1	67 800	16.4
SZ380	35	30 200	12.3	38 000	12.5	47 300	12.7	58 200	12.9	71 000	13.1	85 800	13.4	102 900	13.6
	55	-	-	30 100	18.1	37 800	18.4	46 900	18.7	57 600	19.0	70 000	19.2	84 400	19.4
SZ170	35	12 200	5.5	15 700	5.6	19 900	5.6	24 800	5.5	30 400	5.5	36 800	5.4	44 000	5.3
	55	-	-	11 900	8.6	15 500	8.6	19 600	8.6	24 300	8.6	29 800	8.5	36 000	8.4
SZ180	35	13 300	5.9	17 000	5.9	21 400	5.9	26 500	5.9	32 300	5.8	39 000	5.8	46 500	5.7
	55	-	-	13 100	9.1	16 800	9.1	21 100	9.1	26 000	9.1	31 600	9.1	38 000	9.0
SZ200	35	14 500	6.2	18 400	6.2	23 000	6.3	28 400	6.3	34 500	6.2	41 400	6.2	49 200	6.1
	55	-	-	14 400	9.6	18 200	9.7	22 700	9.7	27 800	9.7	33 600	9.7	40 200	9.7
SZ220	35	16 300	7.0	20 700	7.0	25 900	7.1	32 000	7.1	39 000	7.1	46 900	7.0	56 000	6.9
	55	-	-	16 100	10.8	20 500	10.9	25 600	10.9	31 400	10.9	38 200	10.9	45 900	10.9
SZ230	35	17 800	7.6	22 800	7.6	28 600	7.6	35 300	7.6	43 000	7.6	51 700	7.5	61 600	7.4
	55	-	-	17 500	11.7	22 500	11.8	28 200	11.8	34 800	11.8	42 200	11.8	50 700	11.7
SZ242	35	18 600	8.0	23 700	8.1	29 700	8.1	36 800	8.1	44 900	8.1	54 200	8.1	64 900	8.0
	55	-	-	18 300	12.5	23 400	12.5	29 300	12.5	36 200	12.5	44 200	12.5	53 300	12.4
SZ250	35	19 000	8.1	24 300	8.1	30 500	8.1	37 600	8.1	45 800	8.1	55 100	8.0	65 600	7.9
	55	-	-	18 600	12.5	23 900	12.5	30 000	12.6	37 000	12.6	45 000	12.5	54 000	12.5
SZ268	35	20 600	9.0	26 400	9.1	33 200	9.1	41 200	9.1	50 600	9.1	61 400	9.1	73 900	9.0
	55	-	-	20 100	13.9	25 700	14.0	32 300	14.0	39 900	14.0	48 800	14.0	59 100	14.0
SZ271	35	20 200	8.7	25 800	8.7	32 300	8.8	40 000	8.9	48 900	8.9	59 200	8.9	71 000	8.9
	55	-	-	19 900	13.4	25 300	13.5	31 600	13.5	39 000	13.6	47 600	13.6	57 400	13.6
SZ281	35	21 400	9.2	27 300	9.3	34 300	9.3	42 400	9.4	51 900	9.4	62 900	9.4	75 500	9.4
	55	-	-	21 000	14.2	26 800	14.3	33 500	14.3	41 500	14.4	50 600	14.4	61 200	14.3
SZ285	35	21 700	9.3	27 800	9.4	34 900	9.4	43 100	9.5	52 600	9.5	63 400	9.4	75 600	9.3
	55	-	-	21 400	14.2	27 500	14.2	34 500	14.3	42 600	14.4	51 900	14.4	62 400	14.3
SZ290	35	21 900	9.5	28 000	9.6	35 200	9.6	43 500	9.7	53 100	9.7	64 000	9.6	76 300	9.5
	55	-	-	21 600	14.4	27 700	14.5	34 800	14.6	43 000	14.6	52 300	14.7	62 900	14.6
SZ296	35	22 100	10.0	28 300	10.0	35 700	10.0	44 500	10.0	54 900	10.0	67 000	10.0	80 900	10.0
	55	-	-	22 000	15.4	28 000	15.4	35 200	15.4	43 500	15.5	53 300	15.5	64 700	15.6
SZ310	35	23 300	10.1	29 800	10.2	37 500	10.3	46 300	10.3	56 500	10.3	68 100	10.2	81 200	10.1
	55	-	-	23 000	15.4	29 500	15.5	37 100	15.5	45 800	15.6	55 700	15.6	67 000	15.6
SZ320	35	24 400	10.5	31 300	10.6	39 300	10.7	48 700	10.8	59 400	10.8	71 700	10.8	85 700	10.8
	55	-	-	24 200	15.8	31 000	15.9	39 000	16.0	48 200	16.1	58 700	16.2	70 700	16.2
SZ322	35	23 600	10.4	30 100	10.5	37 800	10.5	46 900	10.6	57 600	10.7	69 900	10.8	84 100	10.8
	55	-	-	23 800	15.9	30 200	16.0	37 800	16.1	46 600	16.2	56 900	16.2	68 900	16.2
SZ350	35	26 000	11.4	33 200	11.5	41 800	11.6	51 700	11.7	63 100	11.8	76 200	11.7	91 100	11.7
	55	-	-	25 700	17.1	33 000	17.3	41 400	17.4	51 200	17.5	62 400	17.5	75 100	17.5
SZ370	35	27 600	12.1	35 400	12.3	44 500	12.4	55 000	12.5	67 200	12.5	81 100	12.5	96 900	12.4
	55	-	-	27 400	18.2	35 100	18.4	44 100	18.5	54 500	18.6	66 400	18.7	79 900	18.6

Rating conditions for R22 and R134a

To: Evaporating temperature in °C

Qo:

Cooling capacity in W

Superheat = 11.1 K

Voltage: 400 V / 3 / 50 Hz

Tc: Condensing temperature in °C

Pe: Power input in kW

Subcooling = 8.3 K

QUICK REFERENCE
PERFORMANCE DATA SZ R407C

Model	To	-20		-15		-10		-5		0		5		10		15	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SZ084	35	7 200	3.9	9 300	3.9	11 800	4.0	14 800	4.0	18 300	4.0	22 300	4.0	27 000	4.0	32 300	3.9
	55	-	-	-	-	-	-	11 300	6.2	14 200	6.2	17 500	6.2	21 400	6.2	25 800	6.2
SZ090	35	7 600	4.1	9 800	4.1	12 500	4.2	15 600	4.2	19 300	4.2	23 600	4.2	28 500	4.2	34 100	4.1
	55	-	-	-	-	-	-	12 000	6.5	15 000	6.5	18 500	6.5	22 500	6.5	27 200	6.5
SZ100	35	8 100	4.3	10 500	4.4	13 300	4.4	16 600	4.4	20 500	4.5	25 000	4.4	30 100	4.4	36 000	4.4
	55	-	-	-	-	-	-	12 700	6.9	15 900	6.9	19 600	6.9	23 800	6.9	28 700	6.9
SZ110	35	9 300	4.9	12 000	5.0	15 200	5.0	19 000	5.0	23 400	5.0	28 500	5.0	34 300	5.0	40 900	4.9
	55	-	-	-	-	-	-	14 500	7.9	18 100	7.9	22 300	7.9	27 200	7.8	32 700	7.8
SZ115	35	10 100	5.4	13 100	5.4	16 600	5.4	20 800	5.5	25 600	5.4	31 100	5.4	37 400	5.4	44 500	5.3
	55	-	-	-	-	-	-	15 800	8.7	19 800	8.7	24 400	8.6	29 600	8.6	35 600	8.5
SZ120	35	11 000	5.7	14 200	5.7	17 900	5.8	22 200	5.8	27 300	5.8	33 200	5.8	39 900	5.7	47 600	5.6
	55	-	-	-	-	-	-	17 000	9.2	21 200	9.2	26 100	9.2	31 600	9.1	38 000	9.0
SZ125	35	10 800	5.7	14 000	5.7	17 700	5.7	22 100	5.7	27 200	5.7	33 100	5.7	39 800	5.7	47 400	5.6
	55	-	-	-	-	-	-	16 800	9.2	21 000	9.1	25 900	9.1	31 500	9.0	37 900	9.0
SZ148	35	13 500	6.9	17 300	7.0	21 700	7.0	27 000	7.0	33 100	7.1	40 300	7.1	48 500	7.1	57 800	7.2
	55	-	-	-	-	-	-	21 200	11.1	26 200	11.1	32 100	11.1	38 900	11.1	46 700	11.1
SZ160	35	14 800	7.3	19 000	7.4	23 900	7.5	29 700	7.6	36 400	7.6	44 300	7.6	53 300	7.6	63 600	7.6
	55	-	-	-	-	-	-	23 200	11.8	28 800	11.9	35 200	11.9	42 700	11.9	51 400	11.9
SZ161	35	14 600	7.4	18 700	7.5	23 500	7.5	29 200	7.6	35 800	7.6	43 500	7.6	52 400	7.7	62 600	7.8
	55	-	-	-	-	-	-	22 900	12.0	28 400	12.0	34 700	12.0	42 100	12.0	50 600	12.0
SZ175	35	15 500	8.0	19 800	8.0	25 000	8.1	31 100	8.2	38 100	8.2	46 300	8.2	55 600	8.2	66 200	8.2
	55	-	-	-	-	-	-	24 000	12.7	29 800	12.8	36 500	12.8	44 200	12.8	53 000	12.8
SZ185	35	16 600	8.6	21 300	8.6	26 900	8.7	33 400	8.8	41 000	8.8	49 700	8.8	59 700	8.8	71 100	8.8
	55	-	-	-	-	-	-	25 700	13.7	32 000	13.7	39 200	13.8	47 500	13.8	56 900	13.8
SZ240	35	22 400	11.7	28 900	11.8	36 500	11.9	45 400	12.1	55 900	12.2	68 000	12.4	82 000	12.5	98 000	12.6
	55	-	-	21 900	17.9	28 100	18.0	35 500	18.2	44 000	18.4	54 000	18.7	65 500	18.9	78 800	19.2
SZ300	35	28 700	13.7	36 200	13.9	45 100	14.1	55 500	14.3	67 600	14.5	81 700	14.7	98 000	14.9	116 600	15.2
	55	-	-	28 500	21.2	35 900	21.6	44 600	22.1	54 800	22.5	66 600	22.9	80 400	23.2	96 300	23.6
SZ380	35	36 000	16.9	45 300	17.3	56 400	17.6	69 400	18.0	84 600	18.3	102 200	18.6	122 400	18.9	145 400	19.4
	55	-	-	35 000	26.1	44 200	26.6	55 000	27.0	67 500	27.4	82 100	27.8	98 900	28.1	118 200	28.5
SZ170	35	14 200	7.8	18 300	7.9	23 200	8.0	29 100	8.0	36 000	8.0	44 000	8.0	53 200	8.0	63 700	7.9
	55	-	-	-	-	-	-	22 300	12.3	27 900	12.4	34 500	12.4	42 100	12.4	50 900	12.4
SZ180	35	15 000	8.2	19 400	8.3	24 600	8.3	30 800	8.4	38 000	8.4	46 400	8.4	56 100	8.3	67 100	8.2
	55	-	-	-	-	-	-	23 600	13.0	29 500	13.0	36 400	13.1	44 400	13.0	53 600	13.0
SZ200	35	16 000	8.7	20 600	8.8	26 100	8.8	32 700	8.9	40 300	8.9	49 200	8.9	59 300	8.8	70 900	8.7
	55	-	-	-	-	-	-	25 000	13.8	31 300	13.9	38 600	13.9	47 000	13.8	56 600	13.8
SZ220	35	18 400	9.9	23 700	9.9	30 000	10.0	37 400	10.1	46 100	10.1	56 100	10.0	67 500	10.0	80 600	9.8
	55	-	-	-	-	-	-	28 600	15.8	35 800	15.8	44 000	15.8	53 500	15.7	64 400	15.5
SZ230	35	20 000	10.8	25 800	10.8	32 800	10.9	40 900	10.9	50 400	10.9	61 200	10.9	73 700	10.8	87 700	10.7
	55	-	-	-	-	-	-	31 100	17.4	38 900	17.3	48 000	17.3	58 400	17.2	70 200	17.0
SZ242	35	21 600	11.4	27 900	11.5	35 200	11.6	43 800	11.6	53 800	11.6	65 400	11.5	78 600	11.4	93 700	11.2
	55	-	-	-	-	-	-	33 600	18.3	41 800	18.4	51 300	18.3	62 300	18.1	74 800	17.9
SZ250	35	21 200	11.4	27 500	11.4	34 900	11.5	43 500	11.5	53 600	11.5	65 200	11.4	78 300	11.4	93 300	11.3
	55	-	-	-	-	-	-	33 100	18.3	41 400	18.3	51 100	18.2	62 100	18.1	74 700	17.9
SZ268	35	24 100	12.6	31 000	12.7	39 000	12.8	48 500	12.9	59 500	12.9	72 300	12.9	87 000	12.9	103 800	12.8
	55	-	-	-	-	-	-	37 600	20.3	46 700	20.3	57 300	20.3	69 400	20.2	83 400	20.1
SZ271	35	23 900	12.4	30 600	12.5	38 700	12.6	48 100	12.6	59 100	12.6	71 900	12.7	86 600	12.7	103 400	12.7
	55	-	-	-	-	-	-	36 700	19.9	45 700	19.9	56 000	19.9	68 000	19.9	81 800	19.8
SZ281	35	25 200	13.1	32 300	13.2	40 800	13.3	50 700	13.4	62 200	13.4	75 600	13.4	90 900	13.4	108 500	13.4
	55	-	-	-	-	-	-	39 300	21.2	48 800	21.2	59 900	21.2	72 600	21.1	87 200	21.0
SZ285	35	25 500	13.0	32 900	13.2	41 500	13.3	51 700	13.3	63 500	13.3	77 200	13.3	92 900	13.3	110 800	13.2
	55	-	-	-	-	-	-	39 300	21.0	48 900	21.0	60 100	21.0	73 100	21.0	87 900	20.9
SZ290	35	25 200	13.4	32 500	13.5	41 000	13.5	51 100	13.6	62 800	13.7	76 200	13.7	91 600	13.6	109 000	13.5
	55	-	-	-	-	-	-	39 100	21.4	48 800	21.5	59 900	21.5	72 700	21.4	87 300	21.3
SZ296	35	26 600	13.8	34 000	13.9	42 800	14.0	53 200	14.1	65 300	14.2	79 300	14.2	95 500	14.3	114 000	14.4
	55	-	-	-	-	-	-	41 700	22.2	51 700	22.3	63 200	22.3	76 600	22.3	92 000	22.3
SZ310	35	27 000	14.2	34 700	14.4	43 900	14.5	54 700	14.5	67 200	14.6	81 600	14.6	98 000	14.5	116 700	14.4
	55	-	-	-	-	-	-	41 900	22.9	52 200	22.9	64 100	22.9	77 800	22.9	93 400	22.8
SZ320	35	29 200	14.7	37 300	14.9	47 000	15.0	58 400	15.1	71 800	15.2	87 200	15.2	105 000	15.2	125 400	15.2
	55	-	-	-	-	-	-	45 700	23.6	56 700	23.7	69 400	23.8	84 200	23.8	101 300	23.9
SZ322	35	28 700	14.9	36 800	15.0	46 300	15.1	57 500	15.1	70 600	15.2	85 800	15.3	103 300	15.4	123 300	15.5
	55	-	-	-	-	-	-	45 100	23.9	55 900	24.0	68 400	24.0	82 900	24.0	99 600	24.0
SZ350	35	30 500	15.9	39 100	16.1	49 300	16.2	61 200	16.3	75 200	16.4	91 200	16.4	109 500	16.4	130 300	16.4
	55	-	-	-	-	-	-	47 200	25.4	58 600	25.6	71 900	25.6	87 100	25.7	104 400	25.7
SZ370	35	32 700	17.1	42 000	17.3	52 900	17.4	65 800	17.5	80 700	17.6	98 000	17.7	117 700	17.7	140 000	17.6
	55	-	-	-	-	-	-	50 700	27.4	63 000	27.5	77 200	27.6	93 500	27.6	112 100	27.6

To: Evaporating temperature in °C
Tc: Condensing temperature in °C

Qo: Cooling capacity in W
Pe: Power input in kW

Superheat = 11.1 K
Subcooling = 8.3 K

Voltage: 400 V / 3 / 50 Hz

QUICK REFERENCE
ORDERING REFERENCE

Model	Connections	Motor protection	SM /SY compressors in industrial pack			SZ compressors in industrial pack		
			4	6	7	4	6	7
			460/3/60 380-400/3/50	230/3/50	575/3/60 500/3/50	460/3/60 380-400/3/50	230/3/50	575/3/60 500/3/50
S 084	Brazed	Internal	SM084-4VM	SM084-6VM	SM084-7VM	SZ084-4VM	SZ084-6VM	SZ084-7VM
S 090	Brazed	Internal	SM090-4VM	SM090-6VM	SM090-7VM	SZ090-4VM	SZ090-6VM	SZ090-7VM
S 100	Brazed	Internal	SM100-4VM	SM100-6VM	SM100-7VM	SZ100-4VM	SZ100-6VM	SZ100-7VM
S 110	Brazed	Internal	SM110-4VM	SM110-6VM	SM110-7VM	SZ110-4VM	SZ110-6VM	SZ110-7VM
S 115	Brazed	Thermostat	SM115-4CAM	SM115-6CAM	SM115-7CAM	SZ115-4CAM	SZ115-6CAM	SZ115-7CAM
	Brazed	Module 24V AC	SM115-4PBM	-	SM115-7PBM	SZ115-4PBM	-	SZ115-7PBM
	Rotolock	Thermostat	SM115-4RM	SM115-6RM	SM115-7RM	SZ115-4RM	SZ115-6RM	SZ115-7RM
	Rotolock	Module 24V AC	SM115-4SBM	-	SM115-7SBM	SZ115-4SBM	-	SZ115-7SBM
S 120	Brazed	Internal	SM120-4VM	SM120-6VM	SM120-7VM	SZ120-4VM	SZ120-6VM	SZ120-7VM
S 125	Brazed	Thermostat	SM125-4CAM	SM125-6CAM	SM125-7CAM	SZ125-4CAM	SZ125-6CAM	SZ125-7CAM
	Brazed	Module 24V AC	SM125-4PBM	-	SM125-7PBM	SZ125-4PBM	-	SZ125-7PBM
	Brazed	Module 24V DC	SM125-4JBM	-	-	SZ125-4JBM	-	-
	Rotolock	Thermostat	SM125-4RM	SM125-6RM	SM125-7RM	SZ125-4RM	SZ125-6RM	SZ125-7RM
	Rotolock	Module 24V AC	SM125-4SBM	-	SM125-7SBM	SZ125-4SBM	-	SZ125-7SBM
	Rotolock	Module 24V DC	SM125-4KBM	-	-	SZ125-4KBM	-	-
S 148	Brazed	Internal	SM148-4VAM	SM148-6VAM	SM148-7VAM	SZ148-4VAM	SZ148-6VAM	SZ148-7VAM
S 160	Brazed	Thermostat	SM160-4CBM	SM160-6CBM	SM160-7CAM	SZ160-4CBM	SZ160-6CBM	SZ160-7CAM
	Brazed	Module 24V AC	SM160-4PBM	-	SM160-7PBM	SZ160-4PBM	-	SZ160-7PBM
	Brazed	Module 24V DC	SM160-4JBM	-	-	SZ160-4JBM	-	-
	Rotolock	Thermostat	SM160-4RAM	SM160-6RAM	SM160-7RAM	SZ160-4RAM	SZ160-6RAM	SZ160-7RAM
	Rotolock	Module 24V AC	SM160-4SBM	-	SM160-7SBM	SZ160-4SBM	-	SZ160-7SBM
	Rotolock	Module 24V DC	SM160-4KBM	-	-	SZ160-4KBM	-	-
S 161	Brazed	Internal	SM161-4VAM	SM161-6VAM	SM161-7VAM	SZ161-4VAM	SZ161-6VAM	SZ161-7VAM
S 175	Brazed	Thermostat	SM175-4CAM	SM175-6CAM	SM175-7CAM	SZ175-4CAM	SZ175-6CAM	SZ175-7CAM
	Brazed	Module 24V AC	SM175-4PCM	-	SM175-7PCM	SZ175-4PCM	-	SZ175-7PCM
	Rotolock	Thermostat	SM175-4RM	SM175-6RM	SM175-7RM	SZ175-4RM	SZ175-6RM	SZ175-7RM
	Rotolock	Module 24V AC	SM175-4SCM	-	SM175-7SCM	SZ175-4SCM	-	SZ175-7SCM
S 185	Brazed	Thermostat	SM185-4CAM	SM185-6CAM	SM185-7CAM	SZ185-4CAM	SZ185-6CAM	SZ185-7CAM
	Brazed	Module 24 V AC	SM185-4PCM	-	SM185-7PCM	SZ185-4PCM	-	SZ185-7PCM
	Brazed	Module 24 V DC	SM185-4JCM	-	-	SZ185-4JCM	-	-
	Brazed	Module 230 V	SM185-4XCM	-	-	SZ185-4XCM	-	-
	Rotolock	Thermostat	SM185-4RM	SM185-6RM	SM185-7RM	SZ185-4RM	SZ185-6RM	SZ185-7RM
	Rotolock	Module 24 V AC	SM185-4SCM	-	SM185-7SCM	SZ185-4SCM	-	SZ185-7SCM
	Rotolock	Module 24 V DC	SM185-4KCM	-	-	SZ185-4KCM	-	-
	Rotolock	Module 230 V	SM185-4YCM	-	-	SZ185-4YCM	-	-
SY185 **	Brazed	Thermostat	SY185-4CAM	-	-			
	Rotolock	Thermostat	SY185-4RM	-	-			
S 240	Brazed	Module 24V AC	SY240A4AAM	SY240A6AAM	SY240A7AAM	SZ240A4AAM	SZ240A6AAM	SZ240A7AAM
	Brazed	Module 115-230V AC	SY240A4ABM	SY240A6ABM	SY240A7ABM	SZ240A4ABM	SZ240A6ABM	SZ240A7ABM
	Rotolock	Module 24V AC	SY240A4MAM	SY240A6MAM	SY240A7MAM	SZ240A4MAM	SZ240A6MAM	SZ240A7MAM
	Rotolock	Module 115-230V AC	SY240A4MBM	SY240A6MBM	SY240A7MBM	SZ240A4MBM	SZ240A6MBM	SZ240A7MBM
S 300	Brazed	Module 24V AC	SY300A4AAM	SY300A6AAM	SY300A7AAM	SZ300A4AAM	SZ300A6AAM	SZ300A7AAM
	Brazed	Module 115-230V AC	SY300A4ABM	SY300A6ABM	SY300A7ABM	SZ300A4ABM	SZ300A6ABM	SZ300A7ABM
	Rotolock	Module 24V AC	SY300A4MAM	SY300A6MAM	SY300A7MAM	SZ300A4MAM	SZ300A6MAM	SZ300A7MAM
	Rotolock	Module 115-230V AC	SY300A4MBM	SY300A6MBM	SY300A7MBM	SZ300A4MBM	SZ300A6MBM	SZ300A7MBM
S 380	Brazed	Module 24V AC	SY380A4CAM *	-	-	SZ380A4CAM	-	-
	Brazed	Module 115-230V AC	SY380A4CBM *	-	-	SZ380A4CBM	-	-

* SY380 only available for 400V/3~/50 Hz

** No module version available

SM/SY and SZ compressors in single pack: use numbers from above table and replace the last digit by «1». Example: SY240A4AAM

Model	Connections	Motor protection	SM112-124-147 compressors in industrial pack			SM112-124-147 compressors in single pack		
			4	6	7	4	6	7
			460/3/60 380-400/3/50	230/3/50	575/3/60 500/3/50	460/3/60 380-400/3/50	230/3/50	575/3/60 500/3/50
SM112	Brazed	Internal	120H0612	-	-	120H0611	-	-
SM124	Brazed	Internal	120H0186	-	-	120H0185	-	-
SM147	Brazed	Internal	120H0311	-	-	120H0191	-	-



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