

MAKING MODERN LIVING POSSIBLE

Danfoss

60 Hz

Performer® scroll compressors

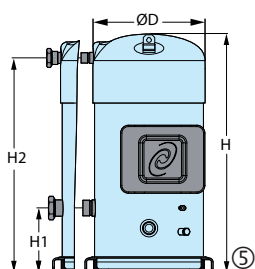
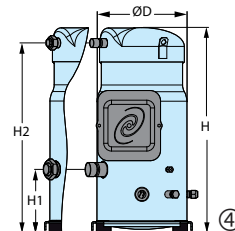
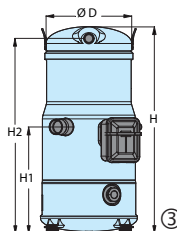
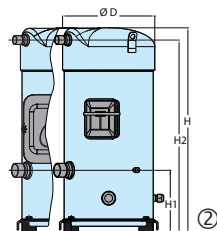
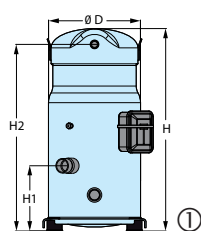
SM - SY - SZ
R407C - R134a - R22 - 60 Hz



Quick reference

QUICK REFERENCE

PRODUCT RANGE SINGLE COMPRESSORS



	Model	Motor voltage code				Dimensions (inch)			
		200-230V/3~/60Hz	400V/3~/50Hz-460V/3~/60Hz	500V/3~/50Hz-575V/3~/60Hz	380V/3~/60Hz	D	H	H1	H2
①	SM/SZ084-090-100	●	●	●	●	10.0	20.0	5.6	18.3
	SM/SZ110-120	●	●	●	●	10.0	22.0	7.0	20.3
②	SM/SZ148-161	●	●	●	●	10.5	23.3	7.1	21.9
	SM112	●	●	●	●	9.6	21.1	10.9	19.8
③	SM124-147	●	●	●	●	9.6	21.3	10.9	20.0
	SM/SZ115-125	○ ●	○ ●	○ ●	○ ●	10.0	22.9	7.1	21.1
④	SM/SZ160	○ ●	○ ●	○ ●	○ ●	10.5	24.8	7.1	23.5
	SM/SZ175-185	○ ●	○ ●	○ ●	○ ●	12.4	26.7	7.1	25.2
⑤	SY185	○ ●	○ ●	○ ●	○ ●	12.4	26.7	7.1	25.2
	SY/SZ240	○ ●	○ ●	○ ●	○ ●	13.5	28.6	7.7	25.8
⑤	SY/SZ300	○ ●	○ ●	○ ●	○ ●	13.5	29.1	7.7	26.2
	SZ380	○ ●	○ ●	○ ●	○ ●	13.5	30.0	7.7	27.1

○ Rotolock version ● Brazed version

TECHNICAL SPECIFICATIONS

	Model	Nominal Cap. 60 Hz	Nominal cooling capacity		Power input	COP	E.E.R.	Swept volume	Displace- ment ①	Oil charge	Net weight ②
		TR	W	Btu/h	kW	W/W	Btu/h /W	cu.in/rev	cu.ft/h	oz	lbs
R22 SINGLE	SM084	7	24 600	84 000	7.38	3.34	11.4	6.99	849	112	141
	SM090	7.5	26 400	90 000	7.82	3.37	11.5	7.35	894	112	143
	SM100	8	27 500	94 000	8.14	3.38	11.5	7.76	943	112	143
	SM110	9	31 600	107 800	9.35	3.38	11.5	8.80	1069	112	161
	SM112	9.5	34 000	116 100	9.62	3.53	12.1	9.25	1124	112	141
	SM115	9.5	33 700	115 200	10.08	3.35	11.4	9.46	1149	129	172
	SM120	10	36 700	125 300	10.80	3.40	11.6	10.17	1236	112	161
	SM124	10.5	37 700	128 800	10.59	3.56	12.2	10.34	1257	112	141
	SM125	10	37 000	126 400	10.99	3.37	11.5	10.17	1236	129	172
	SM147	12	43 600	148 600	12.18	3.58	12.2	11.81	1435	112	148
	SM148	12	43 800	149 500	13.01	3.37	11.5	12.14	1476	122	194
	SM160	13	47 700	163 000	14.22	3.36	11.5	13.22	1606	136	198
	SM161	13	47 600	162 600	14.07	3.39	11.5	13.22	1606	122	194
	SM175	14	51 100	174 300	15.27	3.34	11.4	14.22	1728	211	220
	SM185	15	54 300	185 400	16.22	3.35	11.4	15.25	1853	211	220
	SY185	15	55 300	188 900	16.32	3.39	11.6	15.25	1853	210	220
	SY240	20	74 100	252 700	22.10	3.35	11.4	21.22	2578	272	331
	SY300	25	94 500	322 500	27.50	3.43	11.7	26.70	3245	272	346
R407C SINGLE	SZ084	7	22 500	76 900	7.06	3.19	10.9	6.99	849	112	141
	SZ090	7.5	24 400	83 300	7.63	3.20	10.9	7.35	894	112	143
	SZ100	8	26 500	90 500	8.18	3.24	11.0	7.76	943	112	143
	SZ110	9	30 100	102 800	9.29	3.24	11.1	8.80	1069	112	161
	SZ115	9.5	32 800	112 000	10.22	3.21	10.9	9.46	1149	129	172
	SZ120	10	34 800	118 900	10.75	3.24	11.1	10.17	1236	113	161
	SZ125	10	34 900	119 200	10.89	3.21	10.9	10.17	1236	130	172
	SZ148	12	42 600	145 400	13.35	3.19	10.9	12.14	1476	122	194
	SZ160	13	45 500	155 400	14.08	3.23	11.0	13.22	1606	136	198
	SZ161	13	46 000	156 900	14.32	3.21	10.9	13.22	1606	122	194
	SZ175	14	48 700	166 200	15.28	3.19	10.9	14.22	1728	211	220
	SY/SZ185	15	51 800	176 800	16.43	3.15	10.7	15.25	1853	211	220
	SY/SZ240	20	71 100	242 800	22.70	3.14	10.7	21.22	2578	272	331
	SY/SZ300	25	87 900	300 000	27.49	3.20	10.9	26.70	3245	272	346
	SZ380	30	107 400	366 400	33.50	3.20	11.0	32.42	3941	285	348

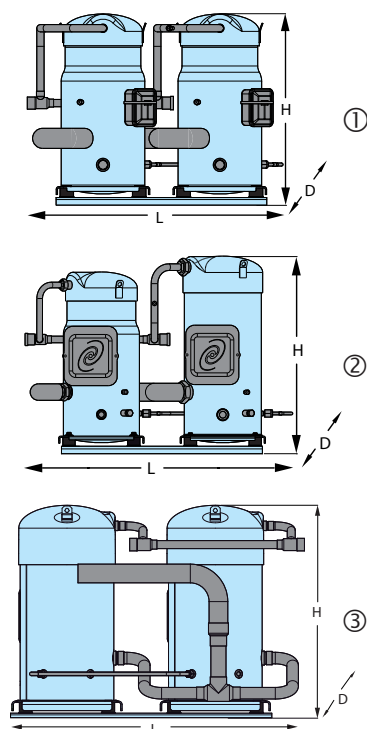
① displacement at nominal speed: 3500 rpm at 60 Hz,
TR: Ton of Refrigeration,
Evaporating temperature: 45 °F
COP: Coefficient Of Performance,
Superheat: 20 °F

② net weight with oil charge
EER: Energy Efficiency Ratio
Condensing temperature: 130 °F

Voltage: 460 V / 3 ph / 60 Hz
ARI standard rating conditions
Subcooling: 15 °F

QUICK REFERENCE

PRODUCT RANGE TANDEM COMPRESSORS



	Model	Composition	Voltage code				Dimensions (inch)		
			3 200- 230V/3~/50	4 400V/3~/50 460V/3~/60	7 500V/3~/50 575V/3~/60	9 380V/3~/60			
①	SM/SZ170	S084 + S084	●	●	●	●	29.8	17.0	20.9
	SM/SZ180	S090 + S090	●	●	●	●	29.8	17.0	20.9
	SM/SZ200	S100 + S100	●	●	●	●	29.8	17.0	20.9
	SM/SZ220	S110 + S110	●	●	●	●	30.6	17.4	22.9
	SM/SZ230	S115 + S115	●	●	●	●	32.9	18.9	23.7
	SM/SZ242	S120 + S120	●	●	●	●	30.6	17.4	22.9
	SM248	S124 + S124	○	○	○	○	33.2	17.5	22.2
	SM/SZ250	S125 + S125	●	●	●	●	32.9	18.9	23.7
	SM272	S124 + S147	○	○	○	○	33.2	17.5	22.2
	SM294	S147 + S147	○	○	○	○	33.2	17.5	22.2
②	SM/SZ296	S148 + S148	●	●	●	●	36.4	17.2	24.2
	SM/SZ320	S160 + S160	●	●	●	●	35.9	18.9	25.9
	SM/SZ322	S161 + S161	●	●	●	●	36.4	17.2	24.2
	SM/SZ350	S175 + S175	●	●	●	●	39.5	19.5	28.2
	SM/SZ370	S185 + S185	●	●	●	●	39.5	19.5	28.2
	SM/SZ268	S148 + S120	●	●	●	●	36.6	17.4	24.2
	SM/SZ271	S161 + S110	●	●	●	●	36.6	17.4	24.2
	SM/SZ281	S161 + S120	●	●	●	●	36.6	17.4	24.2
	SM/SZ285	S160 + S125	●	●	●	●	34.8	18.9	25.9
	SM/SZ290	S175 + S115	●	●	●	●	36.4	19.5	27.8
③	SM/SZ310	S185 + S125	●	●	●	●	36.4	19.5	27.8
	SY/SZ425	S240 + S185	○	○	○	○	40.5	21.7	28.7
	SY/SZ485	S300 + S185	○	○	○	○	40.5	21.7	29.1
	SY/SZ482	S240 + S240	○	○	○	○	38.7	20.1	28.7
	SY/SZ540	S300 + S240	○	○	○	○	38.7	20.1	29.1
	SY/SZ600	S300 + S300	○	○	○	○	38.7	20.1	29.1
	SY/SZ620	S240 + S380	○	○	○	○	41.7	23.4	30.3
	SY/SZ680	S300 + S380	○	○	○	○	41.7	23.4	30.3
	SY/SZ760	S380 + S380	○	○	○	○	41.7	23.4	30.3

● 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

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)

Nominal capacity

in thousand Btu/h at 60 Hz, R22, ARI conditions

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

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 VDC		
	P : brazed	24 VAC		
	U : brazed	115 V		
	X : brazed	230 V		
	K : rotolock	24 VDC	S 240 - 300	
	S : rotolock	24 VAC		
	W : rotolock	115 V		
	Y : rotolock	230 V		
	AF : brazed	F: 24V DC	S 380 *	
	AA : brazed	A: 24V AC		
	AB : brazed	B: 115/230V		
	MA : M: rotolock	A: 24V AC		
	MB : M: rotolock	B: 115/230V		
	CA : C: brazed	A: 24V AC		
	CB : C: brazed	B: 115/230V	S 380 *	
	CF : C: brazed	F: 24V DC		

* SY380 only available for 400V/3~/50 Hz, SZ380 available for both 400V/3~/50 Hz and 460V/3~/60 Hz

* 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 - reference 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	0		10		20		30		40		45		50	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SM084	100	35 300	5.1	45 800	5.1	58 100	5.2	72 400	5.2	88 800	5.2	97 900	5.2	107 500	5.2
	130	-	-	-	-	47 700	7.4	60 700	7.4	75 700	7.4	84 000	7.4	92 900	7.4
SM090	100	38 900	5.5	49 900	5.6	63 000	5.6	78 300	5.6	96 100	5.7	105 900	5.7	116 500	5.7
	130	-	-	-	-	52 500	7.8	65 800	7.8	81 400	7.8	90 000	7.8	99 300	7.8
SM100	100	41 000	5.7	52 700	5.8	66 300	5.8	82 200	5.9	100 500	5.9	110 700	5.9	121 500	5.9
	130	-	-	-	-	55 300	8.2	69 200	8.2	85 200	8.2	94 000	8.2	103 500	8.1
SM110	100	47 200	6.6	60 500	6.6	76 100	6.6	94 300	6.7	115 200	6.7	126 700	6.7	139 000	6.7
	130	-	-	-	-	63 500	9.3	79 400	9.4	97 700	9.4	107 800	9.4	118 600	9.4
SM112	100	51 800	6.5	65 700	6.6	82 000	6.8	101 000	6.9	123 000	7.1	135 300	7.2	148 400	7.3
	130	-	-	-	-	69 800	9.3	86 300	9.4	105 400	9.5	116 000	9.6	127 500	9.7
SM115	100	52 100	6.9	66 800	7.0	83 300	7.0	101 600	7.1	121 800	7.1	132 700	7.1	144 000	7.1
	130	-	-	-	-	69 300	10.1	86 400	10.1	105 100	10.1	115 200	10.1	125 700	10.1
SM120	100	55 000	7.5	70 500	7.6	88 600	7.6	109 600	7.7	133 700	7.7	147 100	7.7	161 300	7.7
	130	-	-	-	-	73 800	10.8	92 300	10.8	113 600	10.8	125 300	10.8	137 900	10.8
SM124	100	58 500	6.9	73 900	7.1	92 000	7.3	113 200	7.6	137 900	7.9	151 600	8.1	166 300	8.3
	130	-	-	-	-	77 600	10.0	95 800	10.2	117 000	10.5	128 800	10.6	141 600	10.8
SM125	100	57 100	7.5	73 300	7.6	91 400	7.6	111 500	7.7	133 600	7.7	145 500	7.8	158 000	7.8
	130	-	-	-	-	76 100	11.0	94 800	11.0	115 400	11.0	126 400	11.0	137 900	11.0
SM147	100	68 000	8.1	85 100	8.3	105 300	8.5	128 800	8.7	156 000	8.9	171 200	9.0	187 500	9.1
	130	-	-	-	-	90 100	11.6	110 900	11.8	135 200	12.1	148 700	12.2	163 200	12.3
SM148	100	66 600	8.9	84 500	9.0	105 500	9.1	130 200	9.2	158 800	9.3	174 800	9.3	191 800	9.4
	130	-	-	-	-	88 800	12.7	110 400	12.9	135 500	13.0	149 600	13.0	164 700	13.1
SM160	100	71 100	9.8	91 000	10.0	114 300	10.1	141 300	10.3	172 200	10.5	189 300	10.5	207 500	10.6
	130	-	-	-	-	95 800	13.8	119 900	14.0	147 600	14.2	163 000	14.2	179 300	14.3
SM161	100	72 300	9.6	91 800	9.7	114 700	9.8	141 500	9.9	172 600	10.0	190 000	10.1	208 500	10.1
	130	-	-	-	-	96 500	13.8	120 000	13.9	147 300	14.0	162 600	14.1	179 000	14.1
SM175	100	77 400	10.4	98 700	10.6	123 500	10.8	152 200	11.0	185 100	11.1	203 200	11.2	222 500	11.2
	130	-	-	-	-	103 500	14.8	129 000	15.0	158 200	15.2	174 300	15.3	191 500	15.4
SM185	100	82 400	11.1	105 000	11.3	131 400	11.5	161 900	11.6	196 900	11.8	216 200	11.9	236 800	11.9
	130	-	-	-	-	110 100	15.8	137 200	16.0	168 300	16.1	185 400	16.2	203 700	16.3
SY185	100	82 600	11.0	104 900	11.2	131 500	11.3	162 700	11.4	199 200	11.6	219 600	11.6	241 500	11.7
	130	-	-	-	-	111 200	15.6	138 700	15.9	170 900	16.2	188 900	16.3	208 300	16.4
SY240	100	112 400	14.8	143 000	15.1	179 000	15.4	221 000	15.8	269 800	16.3	296 900	16.6	325 900	16.9
	130	-	-	-	-	150 100	21.0	186 600	21.4	229 100	21.9	252 800	22.1	278 200	22.4
SY300	100	145 600	17.6	184 100	18.2	229 600	18.8	283 100	19.5	345 200	20.3	379 900	20.7	417 000	21.1
	130	-	-	-	-	191 700	25.5	238 100	26.2	292 300	27.1	322 600	27.5	355 200	28.0
SM170	100	69 600	10.2	90 200	10.2	114 400	10.3	142 600	10.3	174 900	10.4	192 800	10.4	211 800	10.4
	130	-	-	-	-	94 000	14.9	119 600	14.8	149 200	14.8	165 500	14.8	182 900	14.7
SM180	100	76 600	11.0	98 400	11.1	124 200	11.2	154 300	11.3	189 300	11.3	208 700	11.3	229 500	11.3
	130	-	-	-	-	103 400	15.7	129 700	15.7	160 300	15.7	177 300	15.6	195 600	15.6
SM200	100	80 800	11.5	103 700	11.6	130 700	11.7	162 000	11.7	198 100	11.8	218 000	11.8	239 400	11.8
	130	-	-	-	-	109 000	16.3	136 300	16.3	167 800	16.3	185 200	16.3	203 900	16.3
SM220	100	92 900	13.1	119 200	13.2	150 000	13.3	185 700	13.4	226 900	13.4	249 600	13.5	273 800	13.5
	130	-	-	-	-	125 100	18.7	156 300	18.7	192 400	18.7	212 400	18.7	233 700	18.7
SM230	100	102 600	13.8	131 600	13.9	164 000	14.0	200 100	14.1	240 000	14.2	261 300	14.2	283 700	14.3
	130	-	-	-	-	136 600	20.2	170 200	20.2	207 100	20.2	226 900	20.2	247 600	20.1
SM242	100	108 300	15.1	138 800	15.1	174 500	15.2	215 900	15.3	263 500	15.4	289 700	15.4	317 700	15.5
	130	-	-	-	-	145 500	21.6	181 900	21.6	223 700	21.6	246 900	21.6	271 600	21.6
SM250	100	112 600	15.0	144 400	15.1	180 000	15.3	219 600	15.4	263 300	15.5	286 700	15.5	311 200	15.6
	130	-	-	-	-	149 900	22.0	186 700	22.0	227 300	22.0	249 000	22.0	271 700	22.0
SM268	100	119 700	16.4	152 600	16.6	191 200	16.7	236 200	16.8	288 200	17.0	317 000	17.1	347 800	17.1
	130	-	-	-	-	160 200	23.5	199 700	23.7	245 400	23.8	270 800	23.8	298 000	23.9
SM271	100	117 700	16.1	150 000	16.3	188 000	16.5	232 300	16.6	283 500	16.7	311 900	16.8	342 300	16.9
	130	-	-	-	-	157 600	23.1	196 300	23.3	241 300	23.4	266 300	23.4	293 200	23.5
SM281	100	125 400	17.1	159 800	17.3	200 300	17.4	247 400	17.6	301 800	17.7	332 000	17.8	364 300	17.9
	130	-	-	-	-	167 800	24.5	209 100	24.7	257 000	24.8	283 600	24.9	312 100	25.0
SM285	100	126 300	17.3	161 800	17.5	202 600	17.8	248 900	18.0	301 300	18.2	329 800	18.3	360 000	18.4
	130	-	-	-	-	169 300	24.8	211 500	25.0	259 100	25.2	285 000	25.2	312 400	25.3
SM290	100	127 500	17.3	163 000	17.6	203 600	17.8	249 900	18.0	302 300	18.2	330 800	18.3	361 000	18.4
	130	-	-	-	-	170 300	24.9	212 100	25.1	259 400	25.3	285 100	25.4	312 400	25.4
SM296	100	131 100	17.7	166 400	18.0	207 900	18.2	256 500	18.4	312 900	18.6	344 300	18.6	377 900	18.8
	130	-	-	-	-	174 900	25.4	217 400	25.7	267 000	25.9	294 700	26.0	324 400	26.1
SM310	100	137 400	18.6	175 600	18.8	219 400	19.1	269 200	19.3	325 600	19.5	356 300	19.6	388 800	19.7
	130	-	-	-	-	183 400	26.8	228 500	27.0	279 400	27.2	307 100	27.2	336 500	27.3
SM320	100	140 000	19.5	179 300	19.9	225 200	20.3	278 300	20.6	339 300	20.9	372 900	21.1	408 700	21.2
	130	-	-	-	-	188 700	27.6	236 200	28.0	290 900	28.3	321 000	28.4	353 200	28.6
SM322	100	142 500	19.1	180 900	19.4	226 000	19.6	278 800	19.9	340 100	20.1	374 200	20.2	410 800	20.3
	130	-	-	-	-	190 100	27.5	236 300	27.8	290 200	28.0	320 300	28.1	352 600	28.2
SM350	100	152 500	20.8	194 400	21.2	243 200	21.6	299 800	21.9	364 600	22.2	400 300	22.4	438 400	22.5
	130	-	-	-	-	203 900	29.7	254 100	30.0	311 600	30.4	343 400	30.6	377 200	30.7
SM370	100	162 300	22.1	206 800	22.5	258 800	22.9	318 900	23.3	387 900	23.6	425 900	23.8	466 400	23.9
	130	-	-	-	-	216 900	31.5	270 300	31.9	331 500	32.3	365 300	32.5	401 300	32.6

Legend: To: Evaporating temperature in °F
Tc: Condensing temperature in °F

Qo: Cooling capacity in Btu/h
Pe: Power input in kW

Superheat = 20 °F
Subcooling = 15 °F

Voltage: 460 V / 3 / 60 Hz

QUICK REFERENCE
PERFORMANCE DATA SZ R134 a

Model	To	10		20		30		40		45		50	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SZ084	100	29 500	3.5	38 100	3.5	48 600	3.5	61 000	3.5	68 000	3.5	75 700	3.5
	130	-	-	31 500	5.0	40 400	5.0	51 100	5.1	57 100	5.1	63 700	5.1
SZ090	100	31 200	3.7	40 400	3.7	51 300	3.7	64 400	3.7	71 800	3.7	79 700	3.7
	130	-	-	33 300	5.3	42 700	5.3	53 900	5.3	60 300	5.3	67 200	5.3
SZ100	100	33 200	3.9	42 900	3.9	54 500	3.9	68 200	3.9	75 900	3.9	84 300	3.9
	130	-	-	35 300	5.5	45 300	5.6	57 100	5.6	63 800	5.6	71 100	5.6
SZ110	100	38 200	4.4	49 200	4.5	62 400	4.5	77 800	4.5	86 500	4.5	95 800	4.5
	130	-	-	40 500	6.3	51 900	6.4	65 300	6.4	72 800	6.4	81 000	6.4
SZ115	100	41 800	4.9	54 100	5.0	68 700	5.0	86 000	5.1	95 700	5.1	106 100	5.0
	130	-	-	44 200	7.0	56 900	7.0	72 000	7.1	80 500	7.1	89 700	7.1
SZ120	100	44 800	5.1	57 600	5.2	72 800	5.2	90 500	5.3	100 400	5.3	111 100	5.3
	130	-	-	47 200	7.3	60 500	7.4	76 000	7.4	84 700	7.4	94 100	7.4
SZ125	100	43 700	5.1	56 500	5.2	71 700	5.2	89 800	5.3	99 900	5.3	110 900	5.3
	130	-	-	46 200	7.2	59 400	7.3	75 200	7.3	84 100	7.4	93 700	7.4
SZ148	100	50 900	6.4	66 000	6.6	84 200	6.6	105 800	6.6	118 100	6.6	131 400	6.5
	130	-	-	54 100	9.2	69 800	9.4	88 500	9.4	99 100	9.4	110 700	9.3
SZ160	100	57 800	6.6	74 400	6.7	94 300	6.8	117 800	6.9	131 100	6.9	145 300	6.9
	130	-	-	61 000	9.3	78 300	9.4	98 800	9.5	110 400	9.6	122 900	9.6
SZ161	100	55 500	6.6	71 800	6.8	91 500	6.8	114 900	6.9	128 100	6.9	142 500	6.9
	130	-	-	59 400	9.4	76 200	9.6	96 200	9.7	107 500	9.7	119 800	9.7
SZ175	100	61 500	7.2	79 100	7.3	100 300	7.4	125 200	7.5	139 300	7.5	154 500	7.5
	130	-	-	64 800	10.1	83 200	10.2	105 000	10.3	117 300	10.4	130 600	10.4
SZ185	100	65 400	7.7	84 200	7.8	106 700	7.9	133 300	8.0	148 300	8.0	164 400	8.0
	130	-	-	69 000	10.8	88 500	10.9	111 800	11.1	124 900	11.1	139 100	11.2
SZ240	100	87 700	10.7	113 200	10.9	144 000	11.0	180 700	11.2	201 500	11.3	224 000	11.4
	130	-	-	92 700	14.8	119 100	15.0	150 700	15.3	168 600	15.4	188 100	15.5
SZ300	100	109 400	13.2	140 100	13.6	177 300	13.9	222 000	14.1	247 500	14.3	275 300	14.4
	130	-	-	115 100	18.6	146 700	19.1	185 000	19.5	206 900	19.6	230 900	19.8
SZ380	100	136 400	16.2	174 700	16.7	220 900	17.0	276 300	17.3	307 700	17.4	341 900	17.5
	130	-	-	144 200	22.3	183 800	22.8	231 500	23.1	258 700	23.2	288 400	23.3
SZ170	100	58 000	7.0	75 100	7.0	95 700	7.0	120 200	7.0	134 000	7.0	149 000	7.0
	130	-	-	62 000	10.0	79 600	10.0	100 600	10.1	112 500	10.1	125 500	10.1
SZ180	100	61 500	7.3	79 500	7.4	101 100	7.4	126 900	7.4	141 400	7.4	157 100	7.4
	130	-	-	65 600	10.5	84 100	10.6	106 200	10.6	118 800	10.7	132 400	10.7
SZ200	100	65 400	7.8	84 500	7.8	107 300	7.9	134 300	7.9	149 600	7.9	166 000	7.9
	130	-	-	69 600	11.1	89 200	11.2	112 600	11.3	125 800	11.3	140 000	11.3
SZ220	100	75 200	8.8	97 000	8.9	122 800	9.0	153 300	9.0	170 400	9.0	188 800	9.0
	130	-	-	79 700	12.6	102 100	12.7	128 600	12.8	143 500	12.8	159 600	12.8
SZ230	100	82 400	9.8	106 500	10.0	135 300	10.1	169 300	10.1	188 500	10.1	209 100	10.1
	130	-	-	87 100	13.9	112 100	14.0	141 800	14.1	158 500	14.1	176 600	14.1
SZ242	100	88 300	10.2	113 500	10.3	143 300	10.5	178 300	10.6	197 800	10.6	218 800	10.6
	130	-	-	93 100	14.6	119 200	14.7	149 700	14.8	166 900	14.9	185 300	14.9
SZ250	100	86 100	10.2	111 200	10.4	141 300	10.5	176 800	10.5	196 800	10.5	218 400	10.5
	130	-	-	91 000	14.5	117 100	14.6	148 100	14.7	165 600	14.7	184 500	14.7
SZ268	100	94 300	11.5	121 800	11.7	154 600	11.9	193 400	11.9	215 200	11.9	238 800	11.8
	130	-	-	99 900	16.5	128 300	16.7	162 000	16.8	181 100	16.8	201 700	16.8
SZ271	100	92 300	11.1	119 200	11.2	151 500	11.3	189 800	11.4	211 400	11.4	234 700	11.4
	130	-	-	98 300	15.7	126 100	15.9	159 100	16.1	177 600	16.1	197 800	16.1
SZ281	100	98 800	11.7	127 500	11.9	161 800	12.1	202 300	12.2	225 100	12.2	249 700	12.2
	130	-	-	105 000	16.7	134 600	16.9	169 600	17.1	189 300	17.1	210 600	17.2
SZ285	100	100 000	11.7	129 000	11.9	163 600	12.0	204 500	12.1	227 500	12.2	252 400	12.2
	130	-	-	105 500	16.6	135 600	16.7	171 400	16.9	191 500	16.9	213 300	17.0
SZ290	100	101 800	12.1	131 200	12.3	166 400	12.4	208 000	12.5	231 400	12.5	256 700	12.6
	130	-	-	107 400	17.1	138 000	17.2	174 300	17.4	194 800	17.5	217 000	17.5
SZ296	100	100 400	12.9	130 100	13.1	165 800	13.3	208 500	13.2	232 700	13.2	258 900	13.1
	130	-	-	106 600	18.5	137 400	18.7	174 300	18.8	195 200	18.7	218 000	18.7
SZ310	100	107 500	12.8	138 600	13.0	175 800	13.1	219 700	13.2	244 500	13.3	271 200	13.3
	130	-	-	113 400	18.0	145 800	18.2	184 200	18.4	205 800	18.5	229 200	18.5
SZ320	100	114 000	13.2	146 700	13.4	185 800	13.6	232 100	13.7	258 200	13.8	286 300	13.8
	130	-	-	120 100	18.6	154 200	18.9	194 600	19.1	217 500	19.2	242 200	19.2
SZ322	100	109 300	13.3	141 500	13.5	180 200	13.7	226 300	13.8	252 400	13.8	280 600	13.8
	130	-	-	116 900	18.9	150 100	19.1	189 500	19.3	211 800	19.4	235 900	19.4
SZ350	100	121 100	14.4	155 900	14.6	197 500	14.8	246 700	14.9	274 400	15.0	304 300	15.0
	130	-	-	127 600	20.2	163 900	20.4	206 800	20.7	231 100	20.8	257 400	20.9
SZ370	100	128 900	15.3	165 900	15.6	210 200	15.8	262 600	15.9	292 100	16.0	323 900	16.0
	130	-	-	135 900	21.6	174 400	21.8	220 200	22.1	246 000	22.2	274 000	22.3

Legend: To: Evaporating temperature in °F
Tc: Condensing temperature in °F

Qo: Cooling capacity in Btu/h
Pe: Power input in kW

Superheat = 20 °F
Subcooling = 15 °F

Voltage: 460 V / 3 / 60 Hz

QUICK REFERENCE
PERFORMANCE DATA SZ R407C

Model	To	0		10		20		30		40		45		50	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SZ084	100	30 900	4.8	41 900	4.8	54 800	4.8	69 700	4.8	86 800	4.8	96 300	4.8	106 400	4.7
	130	-	-	-	-	39 700	7.1	53 100	7.1	68 400	7.1	76 900	7.1	86 000	7.0
SZ090	100	33 900	5.1	45 200	5.2	58 700	5.3	74 500	5.3	92 800	5.3	103 000	5.3	113 900	5.2
	130	-	-	-	-	44 800	7.6	58 500	7.6	74 500	7.6	83 300	7.6	92 800	7.6
SZ100	100	37 100	5.5	48 900	5.6	63 000	5.7	79 800	5.7	99 500	5.7	110 500	5.7	122 400	5.7
	130	-	-	-	-	50 500	8.1	64 600	8.1	81 200	8.2	90 500	8.2	100 500	8.2
SZ110	100	42 600	6.3	55 900	6.3	71 900	6.4	90 800	6.5	112 900	6.5	125 300	6.5	138 700	6.5
	130	-	-	-	-	57 600	9.2	73 500	9.3	92 200	9.3	102 800	9.3	114 100	9.3
SZ115	100	46 700	6.9	61 200	7.0	78 700	7.0	99 400	7.1	123 700	7.1	137 300	7.0	152 000	7.0
	130	-	-	-	-	62 600	10.2	80 000	10.2	100 500	10.2	112 000	10.2	124 400	10.2
SZ120	100	49 800	7.2	65 100	7.3	83 500	7.4	105 200	7.5	130 700	7.5	144 900	7.4	160 100	7.4
	130	-	-	-	-	66 900	10.7	85 300	10.8	106 800	10.8	118 900	10.8	131 900	10.7
SZ125	100	49 700	7.3	65 100	7.4	83 700	7.5	105 700	7.5	131 600	7.5	146 100	7.5	161 700	7.5
	130	-	-	-	-	66 600	10.9	85 100	10.9	106 900	10.9	119 200	10.9	132 400	10.9
SZ148	100	61 000	8.9	79 300	9.0	101 200	9.1	127 200	9.3	158 000	9.4	175 300	9.4	194 000	9.5
	130	-	-	-	-	82 600	13.1	104 700	13.2	130 700	13.3	145 400	13.4	161 400	13.4
SZ160	100	65 000	9.5	84 700	9.7	108 300	9.9	136 400	10.0	169 400	10.0	187 900	10.0	207 700	10.0
	130	-	-	-	-	87 700	13.8	111 500	14.0	139 600	14.1	155 400	14.1	172 400	14.1
SZ161	100	65 800	9.5	85 600	9.7	109 200	9.8	137 300	9.9	170 500	10.0	189 100	10.1	209 300	10.1
	130	-	-	-	-	89 200	14.1	112 900	14.2	141 000	14.3	156 900	14.3	174 100	14.4
SZ175	100	71 000	10.1	92 100	10.3	117 600	10.4	147 800	10.6	183 300	10.7	203 200	10.7	224 600	10.7
	130	-	-	-	-	94 100	14.9	119 400	15.1	149 300	15.2	166 200	15.3	184 300	15.3
SY/SZ185	100	75 500	10.9	98 000	11.1	125 100	11.2	157 200	11.4	195 000	11.5	216 100	11.5	238 900	11.5
	130	-	-	-	-	100 100	16.0	127 100	16.2	158 900	16.4	176 800	16.4	196 100	16.5
SY/SZ240	100	99 700	14.9	131 000	15.3	168 500	15.7	213 100	16.0	265 800	16.4	295 500	16.6	327 500	16.7
	130	-	-	105 600	21.2	137 000	21.7	174 200	22.1	218 100	22.5	242 800	22.7	269 500	22.9
SY/SZ300	100	130 800	17.9	167 400	18.3	211 600	18.7	264 900	19.1	329 000	19.4	365 400	19.6	405 100	19.8
	130	-	-	134 100	25.6	170 800	26.1	215 300	26.7	269 100	27.2	300 000	27.5	333 800	27.8
SZ380	100	157 800	21.7	202 900	22.2	257 100	22.8	321 700	23.4	398 000	24.0	440 900	24.3	487 300	24.6
	130	-	-	164 300	31.3	210 000	31.9	264 700	32.5	329 600	33.2	366 300	33.5	406 000	33.9
SZ170	100	60 900	9.5	82 600	9.6	107 900	9.6	137 300	9.6	171 000	9.6	189 700	9.5	209 500	9.4
	130	-	-	-	-	78 300	14.1	104 600	14.2	134 800	14.1	151 500	14.1	169 400	14.1
SZ180	100	66 800	10.3	89 100	10.4	115 700	10.5	146 800	10.5	182 900	10.5	203 000	10.5	224 500	10.5
	130	-	-	-	-	88 300	15.2	115 300	15.2	146 700	15.3	164 100	15.3	182 900	15.3
SZ200	100	73 200	11.0	96 400	11.2	124 200	11.3	157 200	11.4	196 000	11.5	217 700	11.5	241 100	11.4
	130	-	-	-	-	99 600	16.1	127 300	16.3	159 900	16.3	178 300	16.4	198 000	16.4
SZ220	100	83 900	12.5	110 200	12.7	141 600	12.8	178 800	12.9	222 500	12.9	246 900	12.9	273 100	12.9
	130	-	-	-	-	113 400	18.4	144 800	18.5	181 700	18.6	202 400	18.6	224 700	18.6
SZ230	100	92 000	13.8	120 600	14.0	155 000	14.1	195 800	14.1	243 700	14.1	270 600	14.1	299 400	14.0
	130	-	-	-	-	123 400	20.4	157 600	20.5	198 000	20.5	220 700	20.5	245 100	20.4
SZ242	100	98 000	14.5	128 300	14.7	164 500	14.8	207 300	14.9	257 400	14.9	285 400	14.9	315 400	14.8
	130	-	-	-	-	131 700	21.4	168 000	21.5	210 500	21.5	234 300	21.5	259 900	21.4
SZ250	100	97 900	14.7	128 300	14.9	164 900	15.0	208 300	15.1	259 300	15.0	287 800	15.0	318 500	14.9
	130	-	-	-	-	131 300	21.7	167 700	21.8	210 600	21.8	234 700	21.8	260 800	21.7
SZ268	100	109 100	16.1	142 300	16.3	181 900	16.5	229 000	16.7	284 300	16.9	315 300	16.9	348 800	16.9
	130	-	-	-	-	147 300	23.8	187 100	23.9	234 000	24.1	260 400	24.1	288 900	24.2
SZ271	100	106 800	15.8	139 400	16.0	178 400	16.2	224 700	16.3	279 200	16.5	309 800	16.5	342 800	16.6
	130	-	-	-	-	144 500	23.3	183 600	23.5	229 800	23.6	255 800	23.6	283 800	23.7
SZ281	100	113 800	16.7	148 400	17.0	189 800	17.2	238 900	17.3	296 600	17.5	329 000	17.5	363 900	17.5
	130	-	-	-	-	153 700	24.8	195 200	25.0	244 100	25.1	271 700	25.1	301 400	25.1
SZ285	100	113 000	16.9	147 500	17.2	189 100	17.4	238 500	17.5	296 500	17.5	328 900	17.5	363 900	17.4
	130	-	-	-	-	152 000	24.7	193 700	24.9	242 800	25.0	270 400	25.0	300 200	25.0
SZ290	100	115 900	17.0	151 100	17.3	193 300	17.5	243 500	17.6	302 400	17.7	335 400	17.7	370 900	17.7
	130	-	-	-	-	154 300	25.1	196 500	25.3	246 100	25.5	274 000	25.5	304 100	25.6
SZ296	100	120 200	17.8	156 200	18.0	199 300	18.2	250 600	18.5	311 200	18.8	345 300	18.9	382 200	18.9
	130	-	-	-	-	162 800	26.2	206 200	26.3	257 500	26.6	286 500	26.7	317 900	26.8
SZ310	100	123 300	18.2	160 700	18.5	205 600	18.7	259 000	18.9	321 700	19.0	356 800	19.0	394 600	19.0
	130	-	-	-	-	164 200	26.9	209 000	27.1	261 800	27.3	291 500	27.3	323 500	27.4
SZ320	100	128 100	19.0	166 800	19.4	213 400	19.7	268 700	20.0	333 700	20.0	370 100	20.0	409 200	19.9
	130	-	-	-	-	172 800	27.6	219 700	27.9	275 000	28.1	306 100	28.2	339 700	28.2
SZ322	100	129 700	19.0	168 600	19.3	215 100	19.5	270 500	19.8	335 800	20.0	372 600	20.1	412 400	20.2
	130	-	-	-	-	175 600	28.1	222 400	28.4	277 800	28.6	309 100	28.7	343 000	28.7
SZ350	100	139 800	20.2	181 500	20.6	231 600	20.9	291 200	21.1	361 100	21.3	400 300	21.4	442 400	21.5
	130	-	-	-	-	185 300	29.8	235 300	30.1	294 200	30.4	327 300	30.6	363 000	30.7
SZ370	100	148 700	21.8	193 100	22.1	246 400	22.4	309 700	22.7	384 100	22.9	425 800	23.0	470 600	23.1
	130	-	-	-	-	197 200	32.0	250 300	32.4	313 000	32.7	348 200	32.9	386 200	33.0

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

Qo: Cooling capacity in Btu/h
Pe: Power input in kW

Superheat = 20 °F
Subcooling = 15 °F

Voltage: 460 V / 3 / 60 Hz

QUICK REFERENCE

ORDERING REFERENCE

Model	Connections	Motor protection	SM / SY compressors in industrial pack				SZ compressors in industrial pack			
			3	4	7	9	3	4	7	9
			200-230/3/60	460/3/60 380-400/3/50	575/3/60 500/3/50	380/3/60	200-230/3/60	460/3/60 380-400/3/50	575/3/60 500/3/50	380/3/60
S 084	Brazed	Internal	SM084-3VM	SM084-4VM	SM084-7VM	SM084-9VM	SZ084-3VM	SZ084-4VM	SZ084-7VM	SZ084-9VM
S 090	Brazed	Internal	SM090-3VM	SM090-4VM	SM090-7VM	SM090-9VM	SZ090-3VM	SZ090-4VM	SZ090-7VM	SZ090-9VM
S 100	Brazed	Internal	SM100-3VM	SM100-4VM	SM100-7VM	SM100-9VM	SZ100-3VM	SZ100-4VM	SZ100-7VM	SZ100-9VM
S 110	Brazed	Internal	SM110-3VM	SM110-4VM	SM110-7VM	SM110-9VM	SZ110-3VM	SZ110-4VM	SZ110-7VM	SZ110-9VM
S 115	Brazed	Thermostat	SM115-3CAM	SM115-4CAM	SM115-7CAM	SM115-9CAM	SZ115-3CAM	SZ115-4CAM	SZ115-7CAM	SZ115-9CAM
	Brazed	Module 24V AC	SM115-3PBM	SM115-4PBM	SM115-7PBM	-	SZ115-3PBM	SZ115-4PBM	SZ115-7PBM	-
	Rotolock	Thermostat	SM115-3RM	SM115-4RM	SM115-7RM	SM115-9RM	SZ115-3RM	SZ115-4RM	SZ115-7RM	SZ115-9RM
	Rotolock	Module 24V AC	SM115-3SBM	SM115-4SBM	SM115-7SBM	-	SZ115-3SBM	SZ115-4SBM	SZ115-7SBM	-
S 120	Brazed	Internal	SM120-3VM	SM120-4VM	SM120-7VM	SM120-9VM	SZ120-3VM	SZ120-4VM	SZ120-7VM	SZ120-9VM
S 125	Brazed	Thermostat	SM125-3CAM	SM125-4CAM	SM125-7CAM	SM125-9CAM	SZ125-3CAM	SZ125-4CAM	SZ125-7CAM	SZ125-9CAM
	Brazed	Module 24V AC	SM125-3PBM	SM125-4PBM	SM125-7PBM	-	SZ125-3PBM	SZ125-4PBM	SZ125-7PBM	-
	Brazed	Module 24V DC	-	SM125-4JBM	-	-	-	SZ125-4JBM	-	-
	Rotolock	Thermostat	SM125-3RM	SM125-4RM	SM125-7RM	SM125-9RM	SZ125-3RM	SZ125-4RM	SZ125-7RM	SZ125-9RM
	Rotolock	Module 24V AC	SM125-3SBM	SM125-4SBM	SM125-7SBM	-	SZ125-3SBM	SZ125-4SBM	SZ125-7SBM	-
	Rotolock	Module 24V DC	-	SM125-4KBM	-	-	-	SZ125-4KBM	-	-
S 148	Brazed	Internal	SM148-3VAM	SM148-4VAM	SM148-7VAM	SM148-9VAM	SZ148-3VAM	SZ148-4VAM	SZ148-7VAM	SZ148-9VAM
S 160	Brazed	Thermostat	SM160-3CBM	SM160-4CBM	SM160-7CAM	SM160-9CBM	SZ160-3CBM	SZ160-4CBM	SZ160-7CAM	SZ160-9CBM
	Brazed	Module 24V AC	SM160-3PBM	SM160-4PBM	SM160-7PBM	-	SZ160-3PBM	SZ160-4PBM	SZ160-7PBM	-
	Brazed	Module 24V DC	-	SM160-4JBM	-	-	-	SZ160-4JBM	-	-
	Rotolock	Thermostat	SM160-3RAM	SM160-4RAM	SM160-7RAM	SM160-9RAM	SZ160-3RAM	SZ160-4RAM	SZ160-7RAM	SZ160-9RAM
	Rotolock	Module 24V AC	SM160-3SBM	SM160-4SBM	SM160-7SBM	-	SZ160-3SBM	SZ160-4SBM	SZ160-7SBM	-
	Rotolock	Module 24V DC	-	SM160-4KBM	-	-	-	SZ160-4KBM	-	-
S 161	Brazed	Internal	SM161-3VAM	SM161-4VAM	SM161-7VAM	SM161-9VAM	SZ161-3VAM	SZ161-4VAM	SZ161-7VAM	SZ161-9VAM
S 175	Brazed	Thermostat	SM175-3CAM	SM175-4CAM	SM175-7CAM	SM175-9CAM	SZ175-3CAM	SZ175-4CAM	SZ175-7CAM	SZ175-9CAM
	Brazed	Module 24V AC	SM175-3PCM	SM175-4PCM	SM175-7PCM	-	SZ175-3PCM	SZ175-4PCM	SZ175-7PCM	-
	Rotolock	Thermostat	SM175-3RM	SM175-4RM	SM175-7RM	SM175-9RM	SZ175-3RM	SZ175-4RM	SZ175-7RM	SZ175-9RM
	Rotolock	Module 24V AC	SM175-3SCM	SM175-4SCM	SM175-7SCM	-	SZ175-3SCM	SZ175-4SCM	SZ175-7SCM	-
S 185	Brazed	Thermostat	SM185-3CAM	SM185-4CAM	SM185-7CAM	SM185-9CAM	SZ185-3CAM	SZ185-4CAM	SZ185-7CAM	SZ185-9CAM
	Brazed	Module 24 V AC	SM185-3PCM	SM185-4PCM	SM185-7PCM	-	SZ185-3PCM	SZ185-4PCM	SZ185-7PCM	-
	Brazed	Module 24 V DC	-	SM185-4JCM	-	-	-	SZ185-4JCM	-	-
	Brazed	Module 230 V AC	-	SM185-4XCM	-	SM185-9XCM	-	SZ185-4XCM	-	SZ185-9XCM
	Rotolock	Thermostat	SM185-3RM	SM185-4RM	SM185-7RM	SM185-9RM	SZ185-3RM	SZ185-4RM	SZ185-7RM	SZ185-9RM
	Rotolock	Module 24 V AC	SM185-3SCM	SM185-4SCM	SM185-7SCM	-	SZ185-3SCM	SZ185-4SCM	SZ185-7SCM	-
	Rotolock	Module 24 V DC	-	SM185-4KCM	-	-	-	SZ185-4KCM	-	-
	Rotolock	Module 230 V AC	-	SM185-4YCM	-	SM185-9YCM	-	SZ185-4YCM	-	SZ185-9YCM
S 185 **	Brazed	Thermostat	-	SY185-4CAM	-	-	-	-	-	-
	Rotolock	Thermostat	-	SY185-4RM	-	-	-	-	-	-
S 240	Brazed	Module 24V AC	SY240A3AAM	SY240A4AAM	SY240A7AAM	SY240A9AAM	SZ240A3AAM	SZ240A4AAM	SZ240A7AAM	SZ240A9AAM
	Brazed	Module 115-230V AC	SY240A3ABM	SY240A4ABM	SY240A7ABM	SY240A9ABM	SZ240A3ABM	SZ240A4ABM	SZ240A7ABM	SZ240A9ABM
	Rotolock	Module 24V AC	SY240A3MAM	SY240A4MAM	SY240A7MAM	SY240A9MAM	SZ240A3MAM	SZ240A4MAM	SZ240A7MAM	SZ240A9MAM
	Rotolock	Module 115-230V AC	SY240A3MBM	SY240A4MBM	SY240A7MBM	SY240A9MBM	SZ240A3MBM	SZ240A4MBM	SZ240A7MBM	SZ240A9MBM
S 300	Brazed	Module 24V AC	SY300A3AAM	SY300A4AAM	SY300A7AAM	SY300A9AAM	SZ300A3AAM	SZ300A4AAM	SZ300A7AAM	SZ300A9AAM
	Brazed	Module 115-230V AC	SY300A3ABM	SY300A4ABM	SY300A7ABM	SY300A9ABM	SZ300A3ABM	SZ300A4ABM	SZ300A7ABM	SZ300A9ABM
	Rotolock	Module 24V AC	SY300A3MAM	SY300A4MAM	SY300A7MAM	SY300A9MAM	SZ300A3MAM	SZ300A4MAM	SZ300A7MAM	SZ300A9MAM
	Rotolock	Module 115-230V AC	SY300A3MBM	SY300A4MBM	SY300A7MBM	SY300A9MBM	SZ300A3MBM	SZ300A4MBM	SZ300A7MBM	SZ300A9MBM
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/SZ compressors in single pack: use numbers from above table and replace the last digit by "I". Example: SY240A3AAI

Model	Connections	Motor protection	SM112-124-147 compressors in industrial pack				SM112-124-147 compressors in single pack			
			3	4	7	9	3	4	7	9
			200-230/3/60	460/3/60 380-400/3/50	575/3/60 500/3/50	380/3/60	200-230/3/60	460/3/60 380-400/3/50	575/3/60 500/3/50	380/3/60
SM112	Brazed	Internal	120H0610	120H0612	-	120H0614	120H0609	120H0611	-	120H0613
SM124	Brazed	Internal	120H0184	120H0186	-	120H0188	120H0183	120H0185	-	120H0187
SM147	Brazed	Internal	120H0190	120H0311	-	120H0198	120H0189	120H0191	-	120H0197



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Within refrigeration and air conditioning, Danfoss is a worldwide manufacturer with a leading position in industrial, commercial and supermarket refrigeration as well as air conditioning and climate solutions.

We focus on our core business of making quality products, components and systems that enhance performance and reduce total life cycle costs – the key to major savings.



Controls for Commercial Refrigeration



Controls for Industrial Refrigeration



Electronic Controls & Sensors



Industrial Automation



Household Compressors



Commercial Compressors



Sub-Assemblies



Thermostats



Brazen plate heat exchanger

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FRCC.PK.009.A3.22 - June 2010 - Replace FRCC.PK.007.A1.22 - May 2006

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