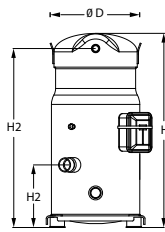


Performer® Scroll Compressors
SM - SY - SZ
R407C - R134a - R22
60 Hz

PRODUCT RANGE SINGLE COMPRESSORS

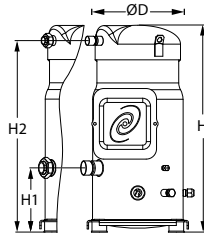
	D	H	H1	H2
S084 S090 S100	10.0	20.0	5.6	18.3
S110 S120	10.0	22.0	7.0	20.3
S148 S161	10.5	23.3	7.1	21.9

All dimensions in inches



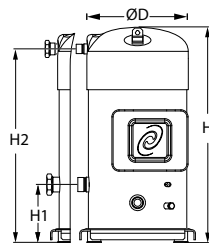
	D	H	H1	H2
S115 S125	10.0	22.9	7.1	21.1
S160	10.5	24.9	7.1	23.4
S175 S185	12.5	26.7	7.1	25.3

All dimensions in inches



	D	H	H1	H2
S240	13.5	28.6	7.7	25.7
S300	13.5	29.1	7.7	26.2
S380	13.5	30.0	7.7	27.1

All dimensions in inches



Nominal voltage				
200-230/ 3/60	400/3/50 460/3/60	230/3/50	500/3/50 575/3/60	380/3/60

Model	Motor voltage code				
	3	4	6	7	9
SM/SZ084	●	●	●	●	●
SM/SZ090	●	●	●	●	●
SM/SZ100	●	●	●	●	●
SM/SZ110	●	●	●	●	●
SM/SZ115	○ ●	○ ●	○ ●	○ ●	○ ●
SM/SZ120	●	●	●	●	●
SM/SZ125	○ ●	○ ●	○ ●	○ ●	○ ●
SM/SZ148	●	●	●	●	●
SM/SZ160	○ ●	○ ●	○ ●	○ ●	○ ●
SM/SZ161	●	●	●	●	●
SM/SZ175	○ ●	○ ●	○ ●	○ ●	○ ●
SM/SZ185	○ ●	○ ●	○ ●	○ ●	○ ●
SY/SZ240	○ ●	○ ●	○ ●	○ ●	○ ●
SY/SZ300	○ ●	○ ●	○ ●	○ ●	○ ●
SY/SZ380 *		●			

* SY380 only available for 400/3/50Hz

○ denotes rotolock version ● denotes brazed version

Family, lubricant & refrigerant	Nominal capacity	Voltage	Version	Packaging
SZ SY	185 300	- 4 9	R AA	I M

Family, lubricant & refrigerant

SM: Scroll, Mineral oil, for R22
SY: Scroll, POE lubricant, for R22
SZ: Scroll, POE lubricant, for R407C - R134a

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

Motor voltage code
Refer to above table

Packaging

I: Individual
M: Multiple

Motor protection type

Version

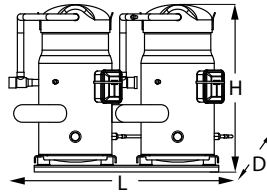
Applies to

Motor protection type	V	V	Brazed	A	Evolution index	Applies to
Internal overload protector	VA	V	Brazed	A	Evolution index	S 084 - 090 - 100 - 110 - 120 - 148 - 161
Internal thermostat. External overload protector required.	C	C	Brazed	A	Evolution index	S 115 - 125 - 160 - 175 - 185
	CA	C	Brazed	A	Evolution index	
	R	R	Rotolock	A	Evolution index	
Electronic protection module	MA	M	Rotolock	A	24 V	S 240 - 300 S 380 (no rotolock)
	MB	M	Rotolock	B	115/230 V	
	AA	A	Brazed	A	24 V	

PRODUCT RANGE TANDEM COMPRESSORS

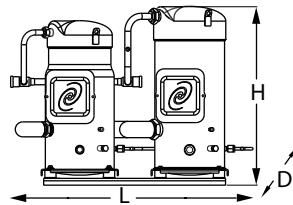
	L	D	H
S 170			
S 180	29.8	17.0	20.9
S 200			
S 220	30.6	17.4	22.9
S 242			
S 230	32.9	18.9	23.7
S 250			
S 320	35.9	18.9	25.9
S 296	36.4	16.1*	24.2
S 322			
S 350	39.5	19.5	28.2
S 370			

All dimensions in inches
* S296/322 motor code 3: +1.2"



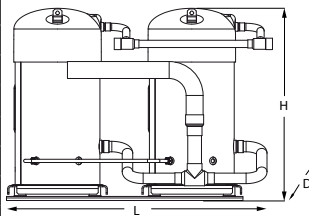
	L	D	H
S 268			
S 271	36.6	17.4	24.2
S 281			
S 285	34.8	18.9	25.9
S 290	36.4	18.9	27.7
S 310			

All dimensions in inches



	L	D	H
S 425	40.5	21.7	28.7
S 485	40.5	21.7	29.1
S 482	38.7	20.1	28.7
S 540	38.7	20.1	29.1
S 600	38.7	20.1	29.1
S 620	41.6	23.4	30.3
S 680	41.6	23.4	30.3
S 760	41.8	23.4	30.3

All dimensions in inches



Nominal voltage				
200-230/ 3/60	400/3/50 460/3/60	230/3/50	500/3/50 575/3/60	380/3/60

Model	Composition	Motor voltage code				
		3	4	6	7	9
SM/SZ170	S084 + S084	●	●	●	●	●
SM/SZ180	S090 + S090	●	●	●	●	●
SM/SZ200	S100 + S100	●	●	●	●	●
SM/SZ220	S110 + S110	●	●	●	●	●
SM/SZ230	S115 + S115	●	●	●	●	●
SM/SZ242	S120 + S120	●	●	●	●	●
SM/SZ250	S125 + S125	●	●	●	●	●
SM/SZ268	S148 + S120	●	●	●	●	●
SM/SZ271	S161 + S110	●	●	●	●	●
SM/SZ281	S161 + s120	●	●	●	●	●
SM/SZ285	S160 + S125	●	●	●	●	●
SM/SZ290	S175 + S115	●	●	●	●	●
SM/SZ296	S148 + S148	●	●	●	●	●
SM/SZ310	S185 + S125	●	●	●	●	●
SM/SZ320	S160 + S160	●	●	●	●	●
SM/SZ322	S161 + S161	●	●	●	●	●
SM/SZ350	S175 + S175	●	●	●	●	●
SM/SZ370	S185 + S185	●	●	●	●	●
SZ425	S240 + S185	○	○	○	○	○
SY/SZ482	S240 + S240	○	○	○	○	○
SZ485	S300 + S185	○	○	○	○	○
SY/SZ540	S300 + S240	○	○	○	○	○
SY/SZ600	S300 + S300	○	○	○	○	○
SY/SZ620 *	S240 + S380		○			
SY/SZ680 *	S300 + S380		○			
SY/SZ760 *	S380 + S380		○			

* SY models only available for 400/3/50Hz

● denotes factory built ○ denotes field assembly

Family, lubricant & refrigerant	Nominal capacity	Voltage	Evolution index
SZ	285	4	A

Family, lubricant & refrigerant
SM: Scroll, Mineral oil, for R22
SY: Scroll, POE lubricant, for R22
SZ: Scroll, POE lubricant, for R407C - R134a

Motor voltage code:
Refer to above table

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

Model	T _o	0		10		20		30		40		45		55	
	T _c	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
SM084-4	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	117 800	5.2
	130	-	-	-	-	47 700	7.4	60 700	7.4	75 700	7.4	84 000	7.4	102 300	7.3
SM090-4	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	127 800	5.7
	130	-	-	-	-	52 500	7.8	65 800	7.8	81 400	7.8	90 000	7.8	109 200	7.8
SM100-4	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	133 000	5.9
	130	-	-	-	-	55 300	8.2	69 200	8.2	85 200	8.2	94 000	8.2	113 600	8.1
SM110-4	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	152 100	6.8
	130	-	-	-	-	63 500	9.3	79 400	9.4	97 700	9.4	107 800	9.4	130 200	9.3
SM115-4	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	155 900	7.2
	130	-	-	-	-	69 300	10.1	86 400	10.1	105 100	10.1	115 200	10.1	136 600	10.1
SM120-4	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	176 400	7.8
	130	-	-	-	-	73 800	10.8	92 300	10.8	113 600	10.8	125 300	10.8	151 200	10.8
SM125-4	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	171 000	7.8
	130	-	-	-	-	76 100	11.0	94 800	11.0	115 400	11.0	126 400	11.0	149 900	11.0
SM148-4	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	210 100	9.4
	130	-	-	-	-	88 800	12.7	110 400	12.9	135 500	13.0	149 600	13.0	180 900	13.1
SM160-4	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	226 800	10.6
	130	-	-	-	-	95 800	13.8	119 900	14.0	147 600	14.2	163 000	14.2	196 700	14.4
SM161-4	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	228 400	10.2
	130	-	-	-	-	96 500	13.8	120 000	13.9	147 300	14.0	162 600	14.1	196 600	14.2
SM170-4	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	232 100	10.4
	130	-	-	-	-	94 000	14.9	119 600	14.8	149 200	14.8	165 500	14.8	201 500	14.7
SM175-4	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	243 100	11.3
	130	-	-	-	-	103 500	14.8	129 000	15.0	158 200	15.2	174 300	15.3	209 800	15.4
SM180-4	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	251 700	11.3
	130	-	-	-	-	103 400	15.7	129 700	15.7	160 300	15.7	177 300	15.6	215 100	15.6
SM185-4	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	258 600	12.0
	130	-	-	-	-	110 100	15.8	137 200	16.0	168 300	16.1	185 400	16.2	223 100	16.4
SM200-4	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	262 100	11.8
	130	-	-	-	-	109 000	16.3	136 300	16.3	167 800	16.3	185 200	16.3	223 800	16.2
SM220-4	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	299 700	13.5
	130	-	-	-	-	125 100	18.7	156 300	18.7	192 400	18.7	212 400	18.7	256 400	18.7
SM230-4	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	307 000	14.3
	130	-	-	-	-	136 600	20.2	170 200	20.2	207 100	20.2	226 900	20.2	269 200	20.1
SM242-4	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	347 500	15.5
	130	-	-	-	-	145 500	21.6	181 900	21.6	223 700	21.6	246 900	21.6	297 900	21.6
SM250-4	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	336 900	15.6
	130	-	-	-	-	149 900	22.0	186 700	22.0	227 300	22.0	249 000	22.0	295 400	21.9
SM281-4	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	398 700	18.0
	130	-	-	-	-	167 800	24.5	209 100	24.7	257 000	24.8	283 600	24.9	342 600	25.0
SM285-4	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	391 900	18.5
	130	-	-	-	-	169 300	24.8	211 500	25.0	259 100	25.2	285 000	25.2	341 400	25.3
SM290-4	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	393 000	18.5
	130	-	-	-	-	170 300	24.9	212 100	25.1	259 400	25.3	285 100	25.4	341 200	25.5
SM296-4	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	413 900	18.9
	130	-	-	-	-	174 900	25.4	217 400	25.7	267 000	25.9	294 700	26.0	356 300	26.2
SM310-4	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	423 200	19.8
	130	-	-	-	-	183 400	26.8	228 500	27.0	279 400	27.2	307 100	27.2	367 500	27.4
SM320-4	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	446 800	21.3
	130	-	-	-	-	188 700	27.6	236 200	28.0	290 900	28.3	321 000	28.4	387 500	28.7
SM322-4	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	450 000	20.4
	130	-	-	-	-	190 100	27.5	236 300	27.8	290 200	28.0	320 300	28.1	387 300	28.4
SM350-4	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	478 900	22.6
	130	-	-	-	-	203 900	29.7	254 100	30.0	311 600	30.4	343 400	30.6	413 200	30.9
SM370-4	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	509 500	24.0
	130	-	-	-	-	216 900	31.5	270 300	31.9	331 500	32.3	365 300	32.5	439 600	32.8
SY240-4	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	356 900	17.2
	130	-	-	-	-	150 100	21.0	186 600	21.4	229 100	21.9	252 800	22.1	305 500	22.7
SY300-4	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	456 700	21.5
	130	-	-	-	-	191 700	25.5	238 100	26.2	292 300	27.1	322 600	27.5	390 200	28.5
SY482-4	100	221 400	29.7	281 700	30.2	352 600	30.8	435 400	31.6	531 500	32.6	584 900	33.2	703 200	34.5
	130	-	-	-	-	295 700	42.0	367 700	42.8	451 400	43.8	498 100	44.3	601 800	45.4
SY540-4	100	254 100	32.5	322 100	33.3	402 500	34.2	496 500	35.3	605 800	36.6	666 600	37.3	801 400	38.7
	130	-	-	-	-	336 700	46.5	418 400	47.7	513 600	49.0	566 800	49.7	685 200	51.3
SY600-4	100	286 800	35.3	362 600	36.4	452 400	37.6	557 700	39.0	680 100	40.5	748 300	41.3	899 700	42.9
	130	-	-	-	-	377 700	50.9	469 100	52.4	575 900	54.1	635 600	55.1	768 700	57.0

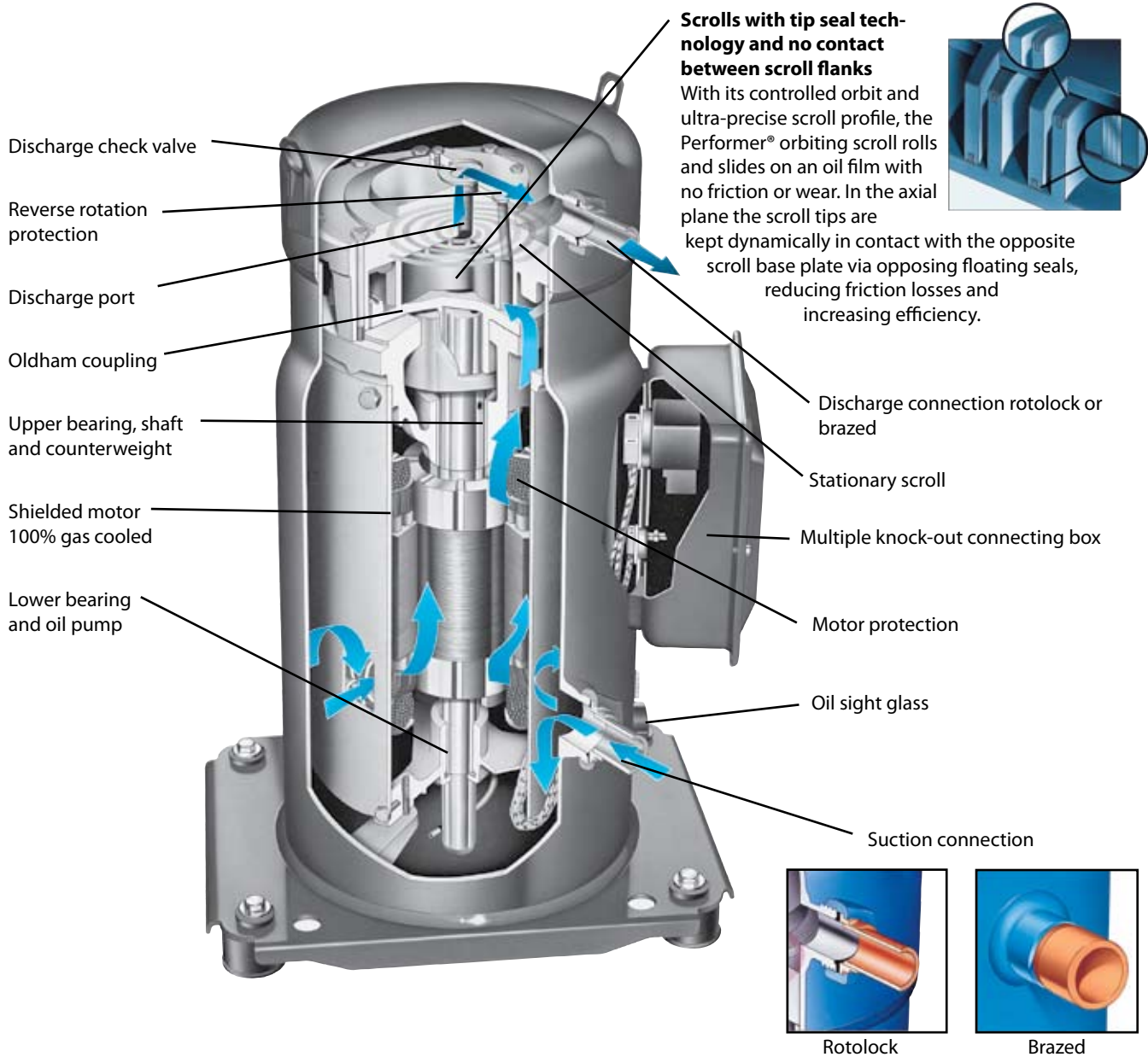
Legend: T_o: Evaporating temperature in °F Btu/h: Cooling capacity Btu/h Superheat = 20°F Voltage: 460 V / 3 ~ / 60 Hz
T_c: Condensing temperature in °F kW: Power input in kW Subcooling = 15°F

Model	T _o	5.00		10.00		20.00		30.00		40.00		45.00		55.00	
	T _c	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
SZ084-4	100	25 700	3.5	29 500	3.5	38 100	3.5	48 600	3.5	61 000	3.5	68 000	3.5	83 900	3.5
	130	-	-	-	-	31 500	5.0	40 400	5.0	51 100	5.1	57 100	5.1	70 800	5.1
SZ090-4	100	27 300	3.7	31 200	3.7	40 400	3.7	51 300	3.7	64 400	3.7	71 800	3.7	88 300	3.7
	130	-	-	-	-	33 300	5.3	42 700	5.3	53 900	5.3	60 300	5.3	74 600	5.3
SZ100-4	100	29 000	3.9	33 200	3.9	42 900	3.9	54 500	3.9	68 200	3.9	75 900	3.9	93 300	3.9
	130	-	-	-	-	35 300	5.5	45 300	5.6	57 100	5.6	63 800	5.6	78 900	5.7
SZ110-4	100	33 400	4.4	38 200	4.4	49 200	4.5	62 400	4.5	77 800	4.5	86 500	4.5	105 900	4.5
	130	-	-	-	-	40 500	6.3	51 900	6.4	65 300	6.4	72 800	6.4	89 800	6.4
SZ115-4	100	36 500	4.9	41 800	4.9	54 100	5.0	68 700	5.0	86 000	5.1	95 700	5.1	117 400	5.0
	130	-	-	-	-	44 200	7.0	56 900	7.0	72 000	7.1	80 500	7.1	99 600	7.1
SZ120-4	100	39 200	5.1	44 800	5.1	57 600	5.2	72 800	5.2	90 500	5.3	100 400	5.3	122 500	5.3
	130	-	-	-	-	47 200	7.3	60 500	7.4	76 000	7.4	84 700	7.4	104 100	7.5
SZ125-4	100	38 200	5.1	43 700	5.1	56 500	5.2	71 700	5.2	89 800	5.3	99 900	5.3	122 600	5.2
	130	-	-	-	-	46 200	7.2	59 400	7.3	75 200	7.3	84 100	7.4	104 000	7.4
SZ148-4	100	44 400	6.3	50 900	6.4	66 000	6.6	84 200	6.6	105 800	6.6	118 100	6.6	145 800	6.5
	130	-	-	-	-	54 100	9.2	69 800	9.4	88 500	9.4	99 100	9.4	123 200	9.3
SZ160-4	100	50 700	6.6	57 800	6.6	74 400	6.7	94 300	6.8	117 800	6.9	131 100	6.9	160 700	6.9
	130	-	-	-	-	61 000	9.3	78 300	9.4	98 800	9.5	110 400	9.6	136 500	9.7
SZ161-4	100	48 400	6.6	55 500	6.6	71 800	6.8	91 500	6.8	114 900	6.9	128 100	6.9	158 000	6.9
	130	-	-	-	-	59 400	9.4	76 200	9.6	96 200	9.7	107 500	9.7	133 000	9.7
SZ170-4	100	50 700	6.9	58 000	7.0	75 100	7.0	95 700	7.0	120 200	7.0	134 000	7.0	165 200	7.0
	130	-	-	-	-	62 000	10.0	79 600	10.0	100 600	10.1	112 500	10.1	139 500	10.1
SZ175-4	100	53 800	7.1	61 500	7.2	79 100	7.3	100 300	7.4	125 200	7.5	139 300	7.5	170 800	7.5
	130	-	-	-	-	64 800	10.1	83 200	10.2	105 000	10.3	117 300	10.4	145 000	10.5
SZ180-4	100	53 700	7.3	61 500	7.3	79 500	7.4	101 100	7.4	126 900	7.4	141 400	7.4	174 000	7.4
	130	-	-	-	-	65 600	10.5	84 100	10.6	106 200	10.6	118 800	10.7	147 000	10.7
SZ185-4	100	57 300	7.6	65 400	7.7	84 200	7.8	106 700	7.9	133 300	8.0	148 300	8.0	181 800	8.0
	130	-	-	-	-	69 000	10.8	88 500	10.9	111 800	11.1	124 900	11.1	154 400	11.2
SZ200-4	100	57 200	7.7	65 400	7.8	84 500	7.8	107 300	7.9	134 300	7.9	149 600	7.9	183 800	7.8
	130	-	-	-	-	69 600	11.1	89 200	11.2	112 600	11.3	125 800	11.3	155 500	11.3
SZ220-4	100	65 800	8.8	75 200	8.8	97 000	8.9	122 800	9.0	153 300	9.0	170 400	9.0	208 600	9.0
	130	-	-	-	-	79 700	12.6	102 100	12.7	128 600	12.8	143 500	12.8	176 900	12.9
SZ230-4	100	72 000	9.7	82 400	9.8	106 500	10.0	135 300	10.1	169 300	10.1	188 500	10.1	231 300	10.1
	130	-	-	-	-	87 100	13.9	112 100	14.0	141 800	14.1	158 500	14.1	196 200	14.1
SZ240-4	100	76 600	10.7	87 700	10.7	113 200	10.9	144 000	11.0	180 700	11.2	201 500	11.3	248 400	11.5
	130	-	-	-	-	92 700	14.8	119 100	15.0	150 700	15.3	168 600	15.4	209 300	15.6
SZ242-4	100	77 200	10.1	88 300	10.2	113 500	10.3	143 300	10.5	178 300	10.6	197 800	10.6	241 300	10.6
	130	-	-	-	-	93 100	14.6	119 200	14.7	149 700	14.8	166 900	14.9	205 100	14.9
SZ250-4	100	75 200	10.1	86 100	10.2	111 200	10.4	141 300	10.5	176 800	10.5	196 800	10.5	241 600	10.5
	130	-	-	-	-	91 000	14.5	117 100	14.6	148 100	14.7	165 600	14.7	204 900	14.7
SZ268-4	100	82 400	11.4	94 300	11.5	121 800	11.7	154 600	11.9	193 400	11.9	215 200	11.9	264 300	11.8
	130	-	-	-	-	99 900	16.5	128 300	16.7	162 000	16.8	181 100	16.8	223 900	16.7
SZ271-4	100	80 600	11.0	92 300	11.1	119 200	11.2	151 500	11.3	189 800	11.4	211 400	11.4	259 900	11.4
	130	-	-	-	-	98 300	15.7	126 100	15.9	159 100	16.1	177 600	16.1	219 500	16.2
SZ281-4	100	86 300	11.6	98 800	11.7	127 500	11.9	161 800	12.1	202 300	12.2	225 100	12.2	276 200	12.2
	130	-	-	-	-	105 000	16.7	134 600	16.9	169 600	17.1	189 300	17.1	233 600	17.2
SZ285-4	100	87 500	11.6	100 000	11.7	129 000	11.9	163 600	12.0	204 500	12.1	227 500	12.2	279 100	12.2
	130	-	-	-	-	105 500	16.6	135 600	16.7	171 400	16.9	191 500	16.9	236 900	17.0
SZ290-4	100	89 000	12.0	101 800	12.1	131 200	12.3	166 400	12.4	208 000	12.5	231 400	12.5	283 900	12.6
	130	-	-	-	-	107 400	17.1	138 000	17.2	174 300	17.4	194 800	17.5	240 900	17.5
SZ296-4	100	87 500	12.7	100 400	12.9	130 100	13.1	165 800	13.3	208 500	13.2	232 700	13.2	287 300	12.9
	130	-	-	-	-	106 600	18.5	137 400	18.7	174 300	18.8	195 200	18.7	242 800	18.5
SZ300-4	100	96 200	13.0	109 400	13.2	140 100	13.6	177 300	13.9	222 000	14.1	247 500	14.3	305 400	14.5
	130	-	-	-	-	89 200	18.0	115 100	18.6	146 700	19.1	185 000	19.5	206 900	19.9
SZ310-4	100	94 000	12.7	107 500	12.8	138 600	13.0	175 800	13.1	219 700	13.2	244 500	13.3	299 900	13.3
	130	-	-	-	-	113 400	18.0	145 800	18.2	184 200	18.4	205 800	18.5	254 500	18.6
SZ320-4	100	99 800	13.1	114 000	13.2	146 700	13.4	185 800	13.6	232 100	13.7	258 200	13.8	316 600	13.9
	130	-	-	-	-	120 100	18.6	154 200	18.9	194 600	19.1	217 500	19.2	268 800	19.3
SZ322-4	100	95 400	13.1	109 300	13.3	141 500	13.5	180 200	13.7	226 300	13.8	252 400	13.8	311 200	13.8
	130	-	-	-	-	116 900	18.9	150 100	19.1	189 500	19.3	211 800	19.4	262 100	19.4
SZ350-4	100	106 100	14.2	121 100	14.4	155 900	14.6	197 500	14.8	246 700	14.9	274 400	15.0	336 500	15.0
	130	-	-	-	-	127 600	20.2	163 900	20.4	206 800	20.7	231 100	20.8	285 700	21.0
SZ370-4	100	112 900	15.2	128 900	15.3	165 900	15.6	210 200	15.8	262 600	15.9	292 100	16.0	358 200	16.1
	130	-	-	-	-	135 900	21.6	174 400	21.8	220 200	22.1	246 000	22.2	304 100	22.4
SZ482-4	100	150 900	21.3	172 700	21.5	223 100	21.7	283 700	22.1	355 900	22.4	396 900	22.6	489 300	23.1
	130	-	-	-	-	182 600	29.6	234 700	30.0	296 900	30.5	332 200	30.7	412 300	31.3
SZ485-4	100	151 300	20.6	172 200	20.9	220 900	21.4	279 700	21.8	350 000	22.1	389 900	22.2	479 900	22.5
	130	-	-	-	-	139 700	28.6	181 300	29.3	231 700	30.0	292 300	30.5	326 900	30.7
SZ540-4	100	170 200	23.7	194 100	24.0	249 500	24.5	316 500	24.9	396 700	25.4	442 300	25.6	545 400	26.0
	130	-	-	-	-	157 500	32.6	204 700	33.4	261 900	34.1	330 700	34.7	369 900	35.0
SZ600-4	100	189 600	25.9	215 500	26.4	275 900	27.2	349 300							

SZ PERFORMANCE DATA R407C

Model	To	0		10		20		30		40		45		55	
	Tc	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
SZ084-4	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	117 100	4.7
	130	-	-	-	-	39 700	7.1	53 100	7.1	68 400	7.1	76 900	7.1	95 600	7.0
SZ090-4	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	125 600	5.2
	130	-	-	-	-	44 800	7.6	58 500	7.6	74 500	7.6	83 300	7.6	103 000	7.6
SZ100-4	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	135 100	5.7
	130	-	-	-	-	50 500	8.1	64 600	8.1	81 200	8.2	90 500	8.2	111 300	8.2
SZ110-4	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	152 900	6.4
	130	-	-	-	-	57 600	9.2	73 500	9.3	92 200	9.3	102 800	9.3	126 200	9.3
SZ115-4	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	167 700	6.9
	130	-	-	-	-	62 600	10.2	80 000	10.2	100 500	10.2	112 000	10.2	137 800	10.2
SZ120-4	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	176 500	7.4
	130	-	-	-	-	66 900	10.7	85 300	10.8	106 800	10.8	118 900	10.8	145 900	10.7
SZ125-4	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	178 400	7.4
	130	-	-	-	-	66 600	10.9	85 100	10.9	106 900	10.9	119 200	10.9	146 600	10.8
SZ148-4	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	214 100	9.5
	130	-	-	-	-	82 600	13.1	104 700	13.2	130 700	13.3	145 400	13.4	178 600	13.5
SZ160-4	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	229 100	9.9
	130	-	-	-	-	87 700	13.8	111 500	14.0	139 600	14.1	155 400	14.1	190 700	14.1
SZ161-4	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	231 100	10.2
	130	-	-	-	-	89 200	14.1	112 900	14.2	141 000	14.3	156 900	14.3	192 700	14.4
SZ170-4	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	230 700	9.4
	130	-	-	-	-	78 300	14.1	104 600	14.2	134 800	14.1	151 500	14.1	188 300	14.0
SZ175-4	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	247 500	10.8
	130	-	-	-	-	94 100	14.9	119 400	15.1	149 300	15.2	166 200	15.3	203 800	15.4
SZ180-4	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	247 400	10.4
	130	-	-	-	-	88 300	15.2	115 300	15.2	146 700	15.3	164 100	15.3	202 900	15.2
SZ185-4	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	263 300	11.6
	130	-	-	-	-	100 100	16.0	127 100	16.2	158 900	16.4	176 800	16.4	216 800	16.6
SZ200-4	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	266 100	11.4
	130	-	-	-	-	99 600	16.1	127 300	16.3	159 900	16.3	178 300	16.4	219 300	16.4
SZ220-4	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	301 300	12.8
	130	-	-	-	-	113 400	18.4	144 800	18.5	181 700	18.6	202 400	18.6	248 700	18.5
SZ230-4	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	330 400	13.9
	130	-	-	-	-	123 400	20.4	157 600	20.5	198 000	20.5	220 700	20.5	271 400	20.3
SZ240-4	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	361 900	16.9
	130	-	-	105 600	21.2	137 000	21.7	174 200	22.1	218 100	22.5	242 800	22.7	298 400	23.0
SZ242-4	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	347 600	14.7
	130	-	-	-	-	131 700	21.4	168 000	21.5	210 500	21.5	234 300	21.5	287 400	21.3
SZ250-4	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	351 500	14.8
	130	-	-	-	-	131 300	21.7	167 700	21.8	210 600	21.8	234 700	21.8	288 800	21.6
SZ268-4	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	384 700	16.8
	130	-	-	-	-	147 300	23.8	187 100	23.9	234 000	24.1	260 400	24.1	319 600	24.2
SZ271-4	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	378 300	16.6
	130	-	-	-	-	144 500	23.3	183 600	23.5	229 800	23.6	255 800	23.6	314 100	23.7
SZ281-4	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	401 400	17.5
	130	-	-	-	-	153 700	24.8	195 200	25.0	244 100	25.1	271 700	25.1	333 500	25.1
SZ285-4	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	401 400	17.3
	130	-	-	-	-	152 000	24.7	193 700	24.9	242 800	25.0	270 400	25.0	332 300	24.9
SZ290-4	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	409 000	17.7
	130	-	-	-	-	154 300	25.1	196 500	25.3	246 100	25.5	274 000	25.5	336 500	25.6
SZ296-4	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	421 900	18.9
	130	-	-	-	-	162 800	26.2	206 200	26.3	257 500	26.6	286 500	26.7	351 800	27.0
SZ300-4	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	448 300	20.0
	130	-	-	134 100	25.6	170 800	26.1	215 300	26.7	269 100	27.2	300 000	27.5	370 600	28.1
SZ310-4	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	435 100	19.0
	130	-	-	-	-	164 200	26.9	209 000	27.1	261 800	27.3	291 500	27.3	357 900	27.4
SZ320-4	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	451 300	19.8
	130	-	-	-	-	172 800	27.6	219 700	27.9	275 000	28.1	306 100	28.2	375 800	28.1
SZ322-4	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	455 200	20.4
	130	-	-	-	-	175 600	28.1	222 400	28.4	277 800	28.6	309 100	28.7	379 600	28.8
SZ350-4	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	487 600	21.5
	130	-	-	-	-	185 300	29.8	235 300	30.1	294 200	30.4	327 300	30.6	401 500	30.8
SZ370-4	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	518 700	23.1
	130	-	-	-	-	197 200	32.0	250 300	32.4	313 000	32.7	348 200	32.9	427 100	33.1
SZ380-4	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	537 300	24.9
	130	-	-	164 300	31.3	210 000	31.9	264 700	32.5	329 600	33.2	366 300	33.5	449 000	34.3
SZ482-4	100	196 400	29.8	258 000	30.6	331 900	31.4	419 900	32.1	523 600	32.8	582 000	33.1	713 000	33.8
	130	-	-	208 000	42.4	269 900	43.3	343 200	44.2	429 700	45.0	478 300	45.3	587 800	46.0
SZ485-4	100	203 200	28.8	261 400	29.3	331 600	29.9	415 800	30.4	516 100	30.9	572 800	31.1	700 900	31.6
	130	-	-	208 300	41.4	266 800	42.2	337 300	42.9	421 600	43.6	469 600	44.0	578 600	44.6
SZ540-4	100	227 100	32.8	293 900	33.6	374 400	34.4	470 900	35.1	585 800	35.8	651 000	36.2	798 000	36.9
	130	-	-	236 000	46.8	303 200	47.8	383 700	48.8	479 900	49.7	534 700	50.2	658 900	51.1
SZ600-4	100	257 700	35.7	329 700	36.5	416 800	37.3	521 900	38.1	648 000	38.9	719 900	39.3	883 100	40.0
	130	-	-	264 100	51.2	336 500	52.3	424 200	53.3	530 200	54.4	591 000	55.0	730 100	56.1
SZ680-4	100	284 300	39.6	364 700	40.5	461 600	41.5	577 800	42.4	716 000	43.4	794 300	43.9	970 800	44.9
	130	-	-	293 900	56.9	375 100	58.0	472 800	59.2	589 800	60.4	656 300	61.0	807 300	62.3
SZ760-4	100	310 800	43.4	399 700	44.4	506 500	45.5	633 700	46.7	784 000	47.9	868 700	48.5	1 058 500	49.7
	130	-	-	323 600	62.5	413 800	63.7	521 500	65.0						

PERFORMER® TECHNOLOGY



Further reference



For more exhaustive information on Performer® scroll compressors, 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, and outline drawings for each individual compressor.

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

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