

Family, lubricant & refrigerant	Nominal capacity		Voltage	Version	Evolution index	
SZ SY	185 300	-	4 7	R CA	C A	Single compressors Single compressors
SY						

Family, lubricant & refrigerant
SM: Scroll, Mineral oil, R22/R417A**
SY: Scroll, POE lubricant, R22/R417A (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	P	: brazed	24 V AC	
	X	: brazed	230 V	
	S	: rotolock	24 V AC	
	Y	: rotolock	230 V	
	CA	C: brazed	A: 24V AC B: 115/230V	S 240 - 300
	CB	P: rotolock	A: 24V AC B: 115/230V	
CA	C: brazed	A: 24V AC	S 380 *	
CB		B: 115/230V		

* SY380 only available for 400V/3~/50 Hz, SZ380 available for both 400V/3~/50 Hz and 460V/3~/60 Hz
** When SM compressors are used with R417A, the factory charged mineral oil 160P must be replaced by polyolester oil 160SZ