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SCROLL COMPRESSOR

SCROLL COMPRESSOR NOMENCLATURE / MODEL NO.



NOMINAL CAPACITY

(BTU/Hr. x1,000) @ 60Hz
ARI CONDITIONS

EVOLUTION INDEX

TYPE	NOMINAL CAPACITY	UL INDEX	MOTOR VOLTAGE CODE	VERSION	MOTOR PROTECTION MODULE	CONNECTION	APPLIES TO
SM	115	S	4	Q	C		
REFRIGERANT & OIL SM: R-22, MINERAL OIL SY: R-22, R-407C, POE OIL SZ: R-407C, R-134a, R-404A / R-507A (SZ084-185), POE OIL SH: R-410A, POE OIL			3: 200-230V / 3ph / 60 Hz 4: 380-400V / 3ph / 50Hz & 460V / 3ph / 60Hz 6: 230V / 3ph / 50Hz 7: 500V / 3ph / 50Hz & 575V / 3ph / 60Hz 9: 380V / 3ph / 60Hz		V Internal overload protector C Internal Thermostat Q Internal Thermostat	brazed brazed brazed	084, 090, 100 110, 120, 148, 161 115, 125, 160, 175, 185 115, 125, 160, 175, 185

PRODUCT SELECTION

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Refrigerant	Voltage/ Phase/ Frequency	Tons	Competitor Model Nos. ¹	Model No.	ConnecTion Type (in. ODF brazed)	Motor Protection	Code No. ²	Weight (lbs)	Solder Sleeve Adaptor Set to Rotolok Connections	
R-22	200-230/3/60	7½		ZR94KC-TF5	SM090S3VC	1⅞ x ¾	Internal Overload Protector	SM090-3VI	143	7765005
R-22	200-230/3/60	9⅓	CSHA-093R CSHS-093R COM06424	ZR108KC-TF5 ZR11M3-TWC	SM115S3CC	1⅞ x ⅞	Internal Thermostat (external overload needed)	SM115-3QAI	172	7765006
R-22	200-230/3/60	10	CSHA-100R CSHS-100R COM06428	ZR125KC-TF5 ZR12M3-TWC	SM125S3CC	1⅞ x ⅞	Internal Thermostat (external overload needed)	SM125-3QAI	172	7765006
R-22	200-230/3/60	12½	CSHA-125R	ZR16M3-TWC	SM160T3CC	1⅝ x 1⅝	Internal Thermostat (external overload needed)	SM160-3CBI	198	7765028
R-22	200-230/3/60	14	CSHA-140R CSHS-140R COM06432		SM175S3CC	1⅝ x 1⅝	Internal Thermostat (external overload needed)	SM175-3QAI	220	7765028
R-22	200-230/3/60	15	CSHA-150R CSHS-150R COM06437	ZR190KC-TWS	SM185S3CC	1⅝ x 1⅝	Internal Thermostat (external overload needed)	SM185-3QAI	220	7765028
R-22	460/3/60	7½		ZR94KC-TFD	SM090S4VC	1⅞ x ¾	Internal Overload Protector	SM090-4VI	143	7765005
R-22	460/3/60	9⅓	CSHA-093K CSHS-093K COM06426	ZR108KC-TFD ZR11M3-TWD	SM115S3CC	1⅞ x ⅞	Internal Thermostat (external overload needed)	SM185-3QAI	172	7765006
R-22	460/3/60	10	CSHA-100K CSHS-100K COM06430	ZR125KC-TFD ZR12M3-TWD	SM125S4CC	1⅞ x ⅞	Internal Thermostat (external overload needed)	SM125-4QAI	172	7765006
R-22	460/3/60	12½	CSHA-125K	ZR160KC-TWS ZR16M3-TWD	SM160T4CC	1⅝ x 1⅝	Internal Thermostat (external overload needed)	SM160-4CBI	198	7765028
R-22	460/3/60	14	CSHA-140K CSHS-140K COM06434		SM175S4CC	1⅝ x 1⅝	Internal Thermostat (external overload needed)	SM175-4QAI	220	7765028
R-22	460/3/60	15	CSHA-150K CSHS-150K COM06438	ZR190KC-TWD	SM185S4CC	1⅝ x 1⅝	Internal Thermostat (external overload needed)	SM185-4QAI	220	7765028

¹Competitor Model Nos. beginning "ZR" may have different footprint, suction, discharge or height compared to Danfoss Model No.

²Code Nos. ending "QAI" include threaded sight glass, 3/8" ODF oil equalization connection, brazed suction and discharge connections and mounting bracket. Code Nos. ending "VI" and "CBI" have threaded sight glass, 3/8" flare SAE oil equalization connection and brazed suction and discharge connections.