



# Time is money Make the most of both

Danfoss Performer® Universal Scroll Compressors are designed to serve as quick, easy replacements for most 9 to 15 ton commercial air conditioning scroll compressors. These compressors come with a bolt pattern, suction and discharge lines, and performance characteristics that match up directly with some competitors' products.



# Universal

replacement

OEM drop-in replacement for easy field installation



Scan here for our Quick Selection Guide

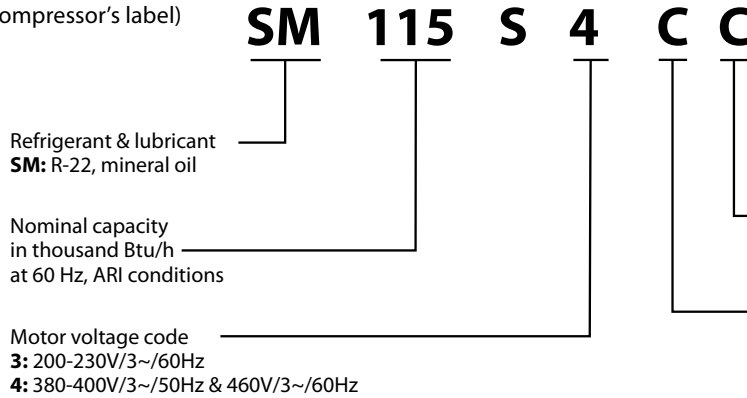
[www.danfoss.us/aftermarket](http://www.danfoss.us/aftermarket)



Select compressor using the product selection table below based on refrigerant, nominal capacity, connection and voltage.

**Nomenclature / Model No.**

(as indicated on compressor's label)



Version	Motor protection module	Connection	Applies to
V	Internal overload protector	brazed	090
C	Internal thermostat, external protector needed		115, 125, 160, 175, 185
Q			

**Product Selection**

Refrigerant	Voltage/ Phase/ Frequency	Tons	Competitor Model Nos.		Danfoss					
					Model No.	Connection type (in. ODF brazed)	Motor protection	Code No. <sup>1</sup>	Weight (lbs)	Solder Sleeve Adaptor Rotolock Connections
R-22	200-230/3/60	7½		ZR94KC-TF5	SM090S3VC	1½ x ¾	Internal overload protector	<b>SM090-3VI</b>	143	7765006
		9½	CSHA-093R CSHS-093R	ZR108KC-TF5 ZR11M3-TWC	SM115S3CC	1¾ x 7/8	Internal thermostat, external overload needed	<b>SM115-3QAI</b>	172	
		10	CSHA-100R CSHS-100R	ZR125KC-TF5 ZR12M3-TWC	SM125S3CC			<b>SM125-3QAI</b>	172	
		12½	CSHA-125R	ZR16M3-TWC ZR16M3-TW5 ZR160KC-TWD	SM160T3CC	1¾ x 1½		<b>SM160-3CBI</b>	198	7765028
		14	CSHA-140R CSHS-140R		SM175S3CC			<b>SM175-3QAI</b>	220	
		15	CSHA-150R CSHS-150R	ZR190KC-TW5	SM185S3CC			<b>SM185-3QAI</b>	220	
	460/3/60	7½		ZR94KC-TFD	SM090S4VC	1½ x ¾		Internal overload protector	<b>SM090-4VI</b>	143
		9½	CSHA-093K CSHS-093K	ZR108KC-TFD ZR11M3-TWD	SM115S3CC	1¾ x 7/8	Internal thermostat, external overload needed	<b>SM115-4QAI</b>	172	
		10	CSHA-100K CSHS-100K	ZR125KC-TFD ZR12M3-TWD	SM125S4CC			<b>SM125-4QAI</b>	172	
		12½	CSHA-125K	ZR160KC-TWD ZR16M3-TWD	SM160T4CC	1¾ x 1½		<b>SM160-4CBI</b>	198	7765028
		14	CSHA-140K CSHS-140K		SM175S4CC			<b>SM175-4QAI</b>	220	
		15	CSHA-150K CSHS-150K	ZR190KC-TWD	SM185S4CC			<b>SM185-4QAI</b>	220	

<sup>1</sup> Code Nos. ending "QAI" include welded sight glass, oil equalization port, brazed connections, and mounting bracket. Code Nos. ending in "VI" and "CBI" are same as "QAI" but exclude the mounting bracket.

Danfoss offers a full line of scroll compressors from 2 to 30 tons. For any product not listed above, please visit <http://bit.ly/coolselect> or contact counter personnel or Danfoss Refrigeration at 1-888-Danfoss.

[www.danfoss.us/aftermarket](http://www.danfoss.us/aftermarket)

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