

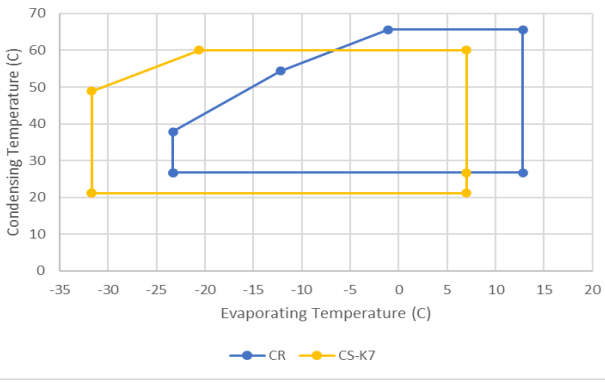
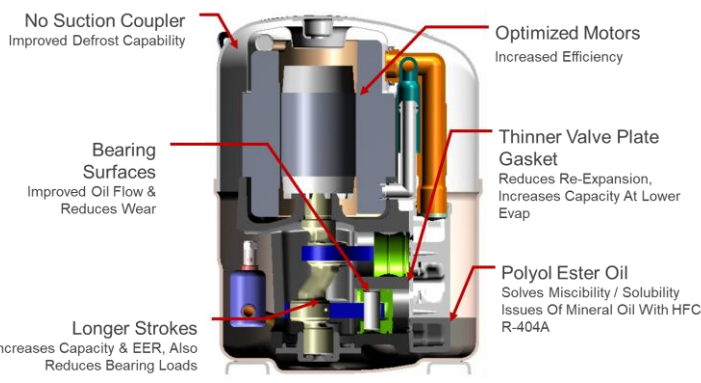


NO: 2022
DATE: 26/05/2022
TO: Refrigeration Customers
FROM: Emerson Commercial & Residential Solutions, India
SUBJECT: Release of CS*K7 Hermetic Recip Compressor from India

Emerson Commercial and Residential Solutions is pleased to announce the release of CS*K7 Hermetic Reciprocating compressors. CS*K7 platform is designed for efficiency in medium temperature application (-10°C Evaporating Temp) with flexibility of wide envelop to operate in extended medium temperature application (-25°C Evaporating Temp). With 8 displacements covering 1.5 HP to 5 HP range, CS*K7 line up perfectly complements our scroll line up. Available with crankcase heater and sight glass as standard with start kit on single phase models.

Key Features:

	<p style="text-align: center;">CR*K6 CS*K7</p> 																					
<p>Designed Based on Proven USA Design CS*K7 was designed as a next iteration to proven USA design CSK6 Platform</p>	<p>Designed For Refrigeration: Large shell than CR*K6 that deliver 20% larger internal capacity volume, resulting in better liquid handling and higher reliability</p>																					
 <table border="1"> <caption>Condensing Temperature (C) vs Evaporating Temperature (C)</caption> <thead> <tr> <th>Evaporating Temp (C)</th> <th>CR Condensing Temp (C)</th> <th>CS-K7 Condensing Temp (C)</th> </tr> </thead> <tbody> <tr> <td>-30</td> <td>20</td> <td>48</td> </tr> <tr> <td>-25</td> <td>28</td> <td>58</td> </tr> <tr> <td>-10</td> <td>52</td> <td>58</td> </tr> <tr> <td>0</td> <td>65</td> <td>58</td> </tr> <tr> <td>5</td> <td>65</td> <td>22</td> </tr> <tr> <td>10</td> <td>65</td> <td>22</td> </tr> </tbody> </table>	Evaporating Temp (C)	CR Condensing Temp (C)	CS-K7 Condensing Temp (C)	-30	20	48	-25	28	58	-10	52	58	0	65	58	5	65	22	10	65	22	 <ul style="list-style-type: none"> No Suction Coupler Improved Defrost Capability Optimized Motors Increased Efficiency Bearing Surfaces Improved Oil Flow & Reduces Wear Thinner Valve Plate Gasket Reduces Re-Expansion, Increases Capacity At Lower Evap Longer Strokes Increases Capacity & EER, Also Reduces Bearing Loads Polyol Ester Oil Solves Miscibility / Solubility Issues Of Mineral Oil With HFC R-404A
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<p>Larger Envelop: Caters to a wide range of applications like cold rooms and coolers</p>	<p>Multi-Refrigeration Support: R22, R404A, R448A/R449A</p>																					

Model Availability (50Hz):

Model	HP	Capacity (kW) ¹	Motor Code	Electrical	Oil	Tube	Crank Case Heater	Sight Glass	Start Kit
CS10K7ME-PFZ-137	1.5	2.49	PFZ	1Ph - 220V/240V	POE	SPUD	Y	Y	Y
CS10K7ME-TFM-13A	1.5	2.48	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS13K7ME-PFZ-137	2	3.40	PFZ	1Ph - 220V/240V	POE	SPUD	Y	Y	Y
CS13K7ME-TFM-13A	2	3.40	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS17K7ME-PFZ-137	2.5	4.22	PFZ	1Ph - 220V/240V	POE	SPUD	Y	Y	Y
CS17K7ME-TFM-13A	2.5	4.11	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS20K7ME-PFZ-137	3	4.84	PFZ	1Ph - 220V/240V	POE	SPUD	Y	Y	Y
CS20K7ME-TFM-13A	3	4.72	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS24K7ME-TFM-23A	3.5	5.40	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS27K7ME-TFM-23A	4	6.51	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS30K7ME-TFM-23A	4.5	7.14	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N
CS33K7ME-TFM-23A	5	8.05	TFM	3Ph - 380V/420V	POE	SPUD	Y	Y	N

1. Evaporating Temp -6.7°C; Condensing Temp 48.9°C Suction Gas 4.4°C; 50Hz; R404A

We will start accepting orders for the new models effective immediately. Please refer to catalog for more information. For more information, please contact your local Emerson representative.