



NO: 3-13

DATE: 3/13/13

TO: EMERSON CLIMATE TECHNOLOGIES WHOLESALERS
-EXECUTIVES
-PRODUCT MANAGERS
-EMERSON™ TECHNICAL SPECIALISTS
-BRANCH PERSONNEL

SUBJECT: LARGE COMMERCIAL ZR CONVERSION TO POE OIL

Effective April 1, 2013, Emerson Climate Technologies will begin to standardize the Copeland Scroll ZR air conditioning compressors to POE oil in single compressors 7.5 tons and larger and tandem compressors 15 tons and larger. This is being done to facilitate retrofit of approved HFC refrigerant retrofits at the time of service compressor installation or during the service life of these newly installed service compressors. This transition will also reduce the number of commercial scroll models needed to support the install base.

This transition will be done as a rolling conversion from the Mt. Comfort Distribution Center. We request that you please continue to order the standard mineral oil models at this time. Orders will be converted to the new POE model as existing inventory is depleted. A final bulletin will be issued at a later date to communicate that mineral oil inventory has been fully depleted and that all future orders should be placed for the new model(s). On the following pages of this bulletin, you will find a model by model conversion list (sorted by popularity) for your reference.

Note: POE oil is fully compatible with R-22 refrigerant, as well as the HFC refrigerants ZR compressors are approved to operate with, including R-407C and for some models R-134a. Please consult the Online Product Information (OPI) system at EmersonClimate.com for compressor application approvals and performance information. Also refer to Form Number 93-11 for approved refrigerant and lubricant combinations, as well as Form Number 95-14 for refrigerant retrofit guidelines from R-22 to R-407C applications.

Contact your Distribution Services Sales Manager or Customer Service with any questions regarding this information.

Mineral Oil Model	Popularity	Equivalent POE Model
ZR94KC-TF5-950	16.3%	ZR94KCE-TF5-950
ZR125KC-TF5-950	12.2%	ZR125KCE-TF5-950
ZR125KC-TFD-950	11.5%	ZR125KCE-TFD-950
ZR94KC-TFD-950	8.8%	ZR94KCE-TFD-950
ZR16M3-TWD-961	8.1%	ZR16M3E-TWD-961
ZR19M3-TWD-961	6.9%	ZR19M3E-TWD-961
ZR108KC-TFD-950	5.7%	ZR108KCE-TFD-950
ZR108KC-TF5-950	4.2%	ZR108KCE-TF5-950
ZR144KC-TFD-950	3.7%	ZR144KCE-TFD-950
ZR12M3-TWD-961	2.3%	ZR12M3E-TWD-961
ZR16M3-TWC-961	2.1%	ZR16M3E-TWC-961
ZR144KC-TF5-950	1.7%	ZR144KCE-TF5-950

ZR19M3-TWC-961	1.7%	ZR19M3E-TWC-961
ZR84KC-TF5-950	1.7%	ZR84KCE-TF5-950
ZR12M3-TWC-961	1.4%	ZR12M3E-TWC-961
ZRT250KC-TFD-950	1.3%	ZRT250KCE-TFD-950
ZR11M3-TWD-961	1.0%	ZR11M3E-TWD-961
ZR125KC-TFD-965	0.9%	ZR125KCE-TFD-965
ZR84KC-TFD-950	0.8%	ZR84KCE-TFD-950
ZR90K3-TWD-961	0.7%	ZR90K3E-TWD-961
ZR90K3-TWC-961	0.7%	ZR90K3E-TWC-961
ZR190KC-TWD-950	0.6%	ZR190KCE-TWD-950
ZRT188KC-TFD-950	0.5%	ZRT188KCE-TFD-950
ZR250KC-TWD-965	0.4%	ZR250KCE-TWD-965
ZR11M3-TWC-961	0.4%	ZR11M3E-TWC-961
ZR125KC-TF5-965	0.4%	ZR125KCE-TF5-965
ZRT380KC-TWD-976	0.3%	ZRT380KCE-TWD-976
ZRT188KC-TF5-950	0.3%	ZRT188KCE-TF5-950
ZR190KC-TWD-965	0.3%	ZR190KCE-TWD-965
ZR160KC-TWD-950	0.3%	ZR160KCE-TWD-950
ZRT250KC-TF5-950	0.3%	ZRT250KCE-TF5-950
ZR300KC-TWD-965	0.2%	ZR300KCE-TWD-965
ZR108KC-TFD-965	0.2%	ZR108KCE-TFD-965
ZR160KC-TW5-950	0.2%	ZR160KCE-TW5-950
ZR94KC-TFD-965	0.2%	ZR94KCE-TFD-965
ZR190KC-TW5-950	0.2%	ZR190KCE-TW5-950
ZRT216KC-TFD-950	0.1%	ZRT216KCE-TFD-950
ZR144KC-TFD-965	0.1%	ZR144KCE-TFD-965
ZRT216KC-TF5-950	0.1%	ZRT216KCE-TF5-950
ZR94KC-TF5-965	0.1%	ZR94KCE-TF5-965
ZRT320KC-TWD-976	0.1%	ZRT320KCE-TWD-976
ZRT220K3-TWD-970	0.1%	ZRT220K3E-TWD-970
ZRT288KC-TF5-950	0.1%	ZRT288KCE-TF5-950
ZRT288KC-TFD-950	0.1%	ZRT288KCE-TFD-950
ZRT320K3-TWD-970	0.1%	ZRT320K3E-TWD-970
ZRT380KC-TW5-976	0.1%	ZRT380KCE-TW5-976
ZR300KC-TW5-951	0.1%	ZR300KCE-TW5-951
ZR250KC-TWC-965	--	ZR250KCE-TWC-965
ZRT320K3-TWC-970	--	ZRT320K3E-TWC-970
ZRT320KC-TWD-975	--	ZRT320KCE-TWD-975
ZRT380K3-TWC-970	--	ZRT380K3E-TWC-970
ZR108KC-TF5-965	--	ZR108KCE-TF5-965
ZRT168KC-TFD-950	--	ZRT168KCE-TFD-950



Marketing

B U L L E T I N

ZRT180K3-TWD-970	--	ZRT180K3E-TWD-970
ZRT320KC-TW5-976	--	ZRT320KCE-TW5-976
ZRT500KC-TWD-951	--	ZRT500KCE-TWD-951
ZR12M3-TWE-961	--	ZR12M3E-TWE-961
ZRT168KC-TF5-950	--	ZRT168KCE-TF5-950
ZR144KC-TFE-950	--	ZR144KCE-TFE-950
ZR160KC-TW5-965	--	ZR160KCE-TW5-965
ZR19M3-TWE-961	--	ZR19M3E-TWE-961
ZR250KC-TW5-951	--	ZR250KCE-TW5-951
ZRT320KC-TW5-975	--	ZRT320KCE-TW5-975
ZRT380K3-TWD-970	--	ZRT380K3E-TWD-970
ZRT500KC-TW5-951	--	ZRT500KCE-TW5-951
ZRT500KC-TWC-951	--	ZRT500KCE-TWC-951
ZRT600KC-TWD-951	--	ZRT600KCE-TWD-951
ZRU315KC-TXD-973	--	ZRU315KCE-TXD-973
ZR108KC-TF7-965	--	ZR108KCE-TF7-965
ZR108KC-TFE-950	--	ZR108KCE-TFE-950
ZR11M3-TW7-922	--	ZR11M3E-TW7-922
ZR11M3-TWE-961	--	ZR11M3E-TWE-961
ZR125KC-TF7-950	--	ZR125KCE-TF7-950
ZR125KC-TFE-950	--	ZR125KCE-TFE-950
ZR125KC-TFE-965	--	ZR125KCE-TFE-965
ZR12M3-TWD-922	--	ZR12M3E-TWD-922
ZR144KC-TF5-965	--	ZR144KCE-TF5-965
ZR144KC-TF7-950	--	ZR144KCE-TF7-950
ZR160KC-TW7-950	--	ZR160KCE-TW7-950
ZR160KC-TW7-965	--	ZR160KCE-TW7-965
ZR160KC-TWD-965	--	ZR160KCE-TWD-965
ZR160KC-TWE-950	--	ZR160KCE-TWE-950
ZR160KC-TWE-965	--	ZR160KCE-TWE-965
ZR16M3-TW5-922	--	ZR16M3E-TW5-922
ZR16M3-TWD-922	--	ZR16M3E-TWD-922
ZR16M3-TWE-961	--	ZR16M3E-TWE-961
ZR190KC-TW5-965	--	ZR190KCE-TW5-965
ZR190KC-TW7-950	--	ZR190KCE-TW7-950
ZR190KC-TW7-965	--	ZR190KCE-TW7-965
ZR190KC-TWE-950	--	ZR190KCE-TWE-950
ZR190KC-TWE-965	--	ZR190KCE-TWE-965
ZR19M3-TWD-922	--	ZR19M3E-TWD-922
ZR250KC-TW5-965	--	ZR250KCE-TW5-965
ZR250KC-TW7-965	--	ZR250KCE-TW7-965

ZR250KC-TWC-951	--	ZR250KCE-TWC-951
ZR250KC-TWD-951	--	ZR250KCE-TWD-951
ZR250KC-TWE-965	--	ZR250KCE-TWE-965
ZR300KC-TW5-965	--	ZR300KCE-TW5-965
ZR300KC-TW7-965	--	ZR300KCE-TW7-965
ZR300KC-TWC-951	--	ZR300KCE-TWC-951
ZR300KC-TWC-965	--	ZR300KCE-TWC-965
ZR300KC-TWD-951	--	ZR300KCE-TWD-951
ZR84KC-TF5-965	--	ZR84KCE-TF5-965
ZR84KC-TF7-950	--	ZR84KCE-TF7-950
ZR84KC-TFD-965	--	ZR84KCE-TFD-965
ZR84KC-TFE-950	--	ZR84KCE-TFE-950
ZR90K3-TWE-961	--	ZR90K3E-TWE-961
ZR94KC-TF7-950	--	ZR94KCE-TF7-950
ZR94KC-TFE-950	--	ZR94KCE-TFE-950
ZRT188KC-TFE-950	--	ZRT188KCE-TFE-950
ZRT220K3-TWC-970	--	ZRT220K3E-TWC-970
ZRT240K3-TWC-970	--	ZRT240K3E-TWC-970
ZRT240K3-TWD-970	--	ZRT240K3E-TWD-970
ZRT250KC-TFE-950	--	ZRT250KCE-TFE-950
ZRT380KC-TW5-975	--	ZRT380KCE-TW5-975
ZRT600KC-TW5-951	--	ZRT600KCE-TW5-951
ZRT600KC-TWC-951	--	ZRT600KCE-TWC-951
ZRT600KC-TWE-951	--	ZRT600KCE-TWE-951
ZRT760KC-TWC-951	--	ZRT760KCE-TWC-951
ZRT760KC-TWD-951	--	ZRT760KCE-TWD-951
ZRU285KC-TX5-973	--	ZRU285KCE-TX5-973
ZRU285KC-TXD-973	--	ZRU285KCE-TXD-973
ZRU350KC-TW5-973	--	ZRU350KCE-TW5-973
ZRU440KC-TWD-951	--	ZRU440KCE-TWD-951
ZRU440KC-TWE-951	--	ZRU440KCE-TWE-951