

**NO:** 04-21  
**DATE:** 16/04/2021  
**TO:** All Customers  
**FROM:** Emerson Commercial & Residential Solutions – Europe  
 Emerson Climate Technologies GmbH  
**SUBJECT:** Implementation of Service BOM 950 for ZR94/108/125/144/160/190KCE

Emerson is announcing the implementation of the **service bill of material** (BOM 950) for compressor models **ZR94/108/125/144/160/190 KCE-TFD**. The new service bill of material is already available **for replacement purposes** and it has been configured to facilitate the selection, reduce the inventory and make replacements in the field easier.

**Table 1: Cross Reference for Service Models**

Production Models		Service Models	
ZR94KCE-TFD-455	8413535 8613744	ZR94KCE-TFD-950	8633100
ZR94KCE-TFD-422			
ZR94KCE-TFD-425			
ZR94KCE-TFD-522			
ZR94KCE-TFD-550			
ZR108KCE-TFD-455	8413546 8613755	ZR108KCE-TFD-950	8633111
ZR108KCE-TFD-425			
ZR108KCE-TFD-522			
ZR108KCE-TFD-550			
ZR125KCE-TFD-455	8413557 8613766	ZR125KCE-TFD-950	8633122
ZR125KCE-TFD-422			
ZR125KCE-TFD-425			
ZR125KCE-TFD-522			
ZR125KCE-TFD-550			
ZR144KCE-TFD-455	8417822 8613777	ZR144KCE-TFD-950	8633133
ZR144KCE-TFD-425			
ZR144KCE-TFD-522			
ZR144KCE-TFD-550			
ZR160KCE-TFD-455	8613788	ZR160KCE-TFD-950	8633144
ZR160KCE-TFD-425			
ZR160KCE-TFD-522			
ZR160KCE-TFD-550			
ZR190KCE-TFD-455	8613799	ZR190KCE-TFD-950	8633155
ZR190KCE-TFD-425			
ZR190KCE-TFD-522			
ZR190KCE-TFD-550			

BOMs 650 / 655 (molded plug IP65) or 477 (Box IP54) and 411 (IP65) cannot be replaced 1 to 1 by service BOM 950 if customer want to keep the same IP rating. Service BOMs are aimed to supporting the replacement activity. The 950 compressors keep the same performances and features as with the BOM 455.

**Table 2: Summary of features service BOMs**

Production 455 & Service 950
Same displacement, capacity, performances
Compatibility with R407C – R134a
Same dimensions
Same suction, discharge connections (brazed)
Internal motor protection
Oil and holding charge
Mounting parts (single compressor)

**Table 3: Additional parts included in the service BOMs 950**

Accessories included in Service BOM 950
1 Single Packaging
1 Kit Mounting 8632594 (998-0894-00) which includes 3 types of different mounting
8000822    527-0116-00    4 Rubber Mounting Durometer 35-45 Height 19mm
8607621    527-0210-00    4 Rubber Mounting Durometer 35-45 Height 33mm
8615308    527-0230-02    4 Metal/ Rubber Mounting Height H33+3
1 Kit Multiple Gasket set 8565527 998-0779-00 which includes
3163799    020-1358-01    2 Gasket 1"
2050772    020-0028-03    2 Gasket 1"1/2
3163802    020-1358-02    1 Gasket 2"

Emerson is committed to the path towards low GWP alternatives. In this view, the low GWP ZR108-190KRE models were recently released (Marketing Bulletin 33-20) and these can already be used in new systems and designs. The ZR KRE allows to cover the same capacity span as the former ZR KCE range, being compatible with R134a, R407C and R513A.

In March 2019 (Marketing bulletin 03-19), the ZR92KRE was launched as alternative to ZR94KCE. Consequently, ZR94KCE model will soon be phased out, for further details please see Marketing Bulletin 05-21

The BOMs (650 / 655 (molded plug IP65) or 477 (Box IP54) and 411 for these models remain unaffected and available, to better serve the specific applications involved.

- **Schedule SERVICE BOM 950:**

First Order: already available for ordering

ZR94/108/125/144/160/190KCE BOM - 950 are manufactured in Welkenraedt (Belgium).

For any additional information, please contact our local Sales or Application Engineering representative.