

Emerson Climate Technologies GmbH
 Am Borsigturm 31
 D-13507 Berlin

EU DECLARATION OF CONFORMITY

We hereby declare under our sole responsibility that the following products

Scroll Motor-Compressors:

PED Category II (Conformity Assessment Module: A1 or A2)					
ZH40KCE-	ZH45KCE-	ZH50KCE-	ZH64KCE-	ZH75KCE-	
ZHI27K1P-	ZHI32K1P-	ZHI35K1P-	ZHI40K1P-	ZHI46K1P-	
ZH56K4E-	ZH75K4E-	ZH92K4E-	ZH11M4E-		
ZH24KVE-	ZH33KVE-	ZH40KVE-	ZH48KVE-		
ZH100KCE-	ZH125KCE-	ZH150KCE-			
ZBH30KJE-	ZBH38KJE-	ZBH45KJE-	ZBHV45KJE-		
ZB50KCE-	ZB58KCE-	ZB66KCE-	ZB76KCE-	ZB95KCE-	ZB114KCE-
ZBD58KCE-	ZBD76KCE-				
ZB66K5E-	ZB76K5E-	ZB95K5E-	ZB114K5E-		
ZF34K5E-	ZF41K5E-	ZF49K5E-			
ZB56KCE-	ZB75KCE-	ZB92KCE-	ZB11MCE-		
ZS56K4E-	ZS75K4E-	ZS92K4E-	ZS11M4E-		
ZF24K4E-	ZF33K4E-	ZF40K4E-	ZF48K4E-		
ZF24KVE-	ZF33KVE-	ZF40KVE-	ZF48KVE-		
ZRH49KJE-	ZRH61KJE-	ZRH72KJE-	ZRHV72KJE-		
ZR94KCE-	ZR108KCE-	ZR125KCE-	ZR144KCE-	ZR160KCE-	ZR190KCE-
ZRD94KCE-	ZRD125KCE-				
ZP90KCE-	ZP103KCE-	ZP120KCE-	ZP137KCE-	ZP154KCE-	ZP154KPE-
ZP182KCE-	ZP182KPE-				
ZP103KQE-	ZP120KQE-	ZP137KQE-	ZP154KQE-	ZP182KQE-	
ZPD103KCE-	ZPD120KCE-	ZPD137KCE-	ZPD154KCE-	ZPD182KCE-	
ZR90K3E-	ZR11M3E-	ZR12M3E-	ZR16M3E-	ZR19M3E-	
ZP180KCE-					
ZR250KCE-	ZR310KCE-	ZR380KCE-			
ZB220KCE-					
ZP235KCE-	ZP295KCE-	ZP385KCE-	ZP385KPE-	ZP485KCE-	ZP485KPE-

followed by the motor code and BoM product variation

ATEX + PED category II (Conformity Assessment Module: A2)			
ZH04KCU-	ZH06KCU-	ZH08KCU-	
ZH09KCU-	ZH11KCU-	ZH13KCU-	ZH16KCU-
ZB12KCU-	ZB17KCU-	ZB20KCU-	
ZB25KCU-	ZB31KCU-	ZB37KCU-	ZB49KCU-

followed by the motor code and BoM product variation

PED category III (Conformity Assessment Module: B + C1)
ZP725KCE-

followed by the motor code and BoM product variation

comply with the basic requirements of following **EU Directives**:

- **Low Voltage Directive 2014/35/EU**

Above listed electrical equipment comply with the basic requirements of the Low Voltage Directive 2014/35/EU.

Applied harmonized standards:

EN60335-1 (2012): Household and similar electrical appliances – Safety.
Part 1: General requirements.

EN60335-2-34 (2013): Household and similar electrical appliances – Safety.
Part 2-34: Particular requirements for motor-compressors.

- **Pressure Equipment Directive 2014/68/EU**

Above listed pressure equipment comply with the requirements of the Pressure Equipment Directive 2014/68/EU.

Applied harmonized standards:

EN14276-1 2006+A1:2011 Pressure equipment for refrigeration systems and heat pumps –
Part 1: Vessels

Vessel Categorization and Certification

Fluid Group: 1

Vessel Category: II, Assessment Module: A1 or A2

Fluid Group: 2

Vessel Category: II, Assessment Module: A1

Vessel Category: III, Assessment Module: B + C1

Notified Body:

TÜV SÜD Industrie Service GmbH
Center of Competence für Kälte- und Klimatechnik
Ridlerstraße 65
D- 80339 München

The products are provided with CE 0036 Marking of Conformity.

- **ATEX 2014/34/EU**

Atex listed products comply with the basic requirements of the ATEX Product Directive 2014/34/EU.

Equipment Marking: EX II 3G Ex nA IIA T2

Equipment Group: II
Equipment Category: 3 (Zone 2)
Explosive atmosphere caused by "Gas": G
Protection Concept "Non-sparking": Ex nA
Gas Group: IIA (Propane)
Temperature Class: T2 (300°C)

Applied harmonized standards:

EN 60079-00 (08-2012) Explosive atmospheres
Part 0: Equipment – General requirements

EN 60079-15 (05-2010) Explosive atmospheres
Part 15: Equipment protection by type of protection 'n'

To incorporate these 'partly completed machinery' into a machine the Declaration of Incorporation according to the Machinery Directive has to be observed.

- **RoHS 2011/65/EU**

We declare that the above listed products and their associated spare parts and accessories are compliant with the requirements of the Directive 2011/65/EU of the European Parliament and of the Council of June 8th, 2011.

Compliance with this regulation has been verified via internal design controls, supplier declarations and/or analytical test data per the date of this declaration.

Signed for and on behalf of Emerson Climate Technologies GmbH:



Matthew Irons (Vice-President Engineering)
Aachen, Aug 16, 2017