

**EU DECLARATION OF CONFORMITY**

We hereby declare under our sole responsibility that the following products

**Scroll Motor-Compressors FIX SPEED**

<b>PED Category II (Conformity Assessment Module: A2)</b>					
YB12K1E-	YB17K1E-	YB21K1E-	YB24K1E-	YB31K1E-	YB36K1E-
YB45K1E-	YB56K1G-	YB56K1U-	YB64K1G-	YB64K1U-	YB81K1G-
YB81K1U-	YB97K1G-	YB97K1U-			
YBD17K1E-	YBD24K1E-	YBD31K1E-	YBD36K1E-	YBD45K1E-	
YF05K1E-	YF06K1E-	YF07K1E-	YF09K1E-	YF10K1E-	YF13K1E-
YF15K1E-	YF19K1E-	YF19K5E-			
YFI10K1E-	YFI15K1E-	YFI19K1E-			
YFJ10K1E-	YFJ15K1E-	YFJ19K1E-			
YH04K1E-	YH04K1P-	YH05K1P-	YH06K1E-	YH06K1P-	YH07K1E-
YH09K1E-	YH09K1P-	YH11K1E-	YH12K1P-	YH13K1E-	YH15K1P-
YH16K1E-					
YP91K1T-	YP104K1T-	YP122K1T-			
YR21K1E-	YR29K1E-	YR36K1E-	YR41K1E-		
YR52K1E-	YR62K1E-	YR77K1E-			
ZB50KCE-	ZB56KCE-	ZB58KCE-	ZB66K5E-	ZB66KCE-	ZB75KCE-
ZB76K5E-	ZB76KCE-	ZB92KCE-	ZB95K5E-	ZB95KCE-	ZB11MCE-
ZB114K5E-	ZB114KCE-	ZB220KCE-			
ZBD76K5E-	ZBD114K5E-				
ZBH30KJE-	ZBH38KJE-	ZBH45KJE-	ZBHV45KJE-		
ZF24K4E-	ZF24KVE-	ZF33K4E-	ZF33KVE-	ZF34K5E-	ZF40K4E-
ZF40KVE-	ZF41K5E-	ZF48K4E-	ZF48KVE-	ZF49K5E-	ZF54K5E-
ZH24KVE-	ZH33KVE-	ZH40KCE-	ZH40KVE-	ZH45KCE-	ZH48KVE-
ZH50KCE-	ZH56K4E-	ZH64KCE-	ZH75K4E-	ZH75KCE-	ZH92K4E-
ZH100KCE-	ZH11M4E-	ZH125KCE-	ZH150KCE-		
ZHI27K1P-	ZHI32K1P-	ZHI35K1P-	ZHI40K1P-	ZHI46K1P-	
ZL16AG-	ZL21AG-	ZL28AG-	ZL36AG-		
ZP90KCE-	ZP90KQE-	ZP103KCE-	ZP103KQE-	ZP120KCE-	ZP120KQE-
ZP137KCE-	ZP137KQE-	ZP137KPE-	ZP154KCE-	ZP154KPE-	ZP154KQE-
ZP180KCE-	ZP182KCE-	ZP182KPE-	ZP182KQE-	ZP235KCE-	ZP295KCE-
ZP385KCE-	ZP385KPE-	ZP485KCE-	ZP485KPE-		
ZPD103KCE-	ZPD120KCE-	ZPD137KCE-	ZPD154KCE-	ZPD182KCE-	
ZR90K3E-	ZR94KCE-	ZR108KCE-	ZR108KRE-	ZR11M3E-	ZR12M3E-
ZR125KCE-	ZR125KRE-	ZR144KCE-	ZR144KRE-	ZR160KCE-	ZR160KRE-
ZR16M3E-	ZR190KCE-	ZR190KRE-	ZR19M3E-	ZR250KCE-	ZR310KCE-
ZR380KCE-					
ZRD125KCE					
ZRH49KJE-	ZRH61KJE-	ZRH72KJE-	ZRHV72KJE-		
ZS56K4E-	ZS75K4E-	ZS92K4E-	ZS11M4E-		
ZTI16AG-	ZTI21AG-	ZTI28AG-	ZTI36AG-		

followed by the motor code and BoM product variation,

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

followed by the motor code and BoM product variation,

(\*) Compressor equipped with metal terminal box (IP65) and Ex nA marking on nameplate only.

PED category III (Conformity Assessment Module: B+C2)					
YP195KPT-	YP515KPT-				
ZP725KCE-					

followed by the motor code and BoM product variation,

**Scroll Motor-Compressors VARIABLE SPEED**

Assessed as being protected with the listed drive and as not being protected without drive.

PED category II (Conformity Assessment Module: A2)					
Compressor	Drive	Compressor	Drive	Compressor	Drive
YBV0461U-9	ED3018BU	YHV0182P-9	ED3011A/AU, ED3015A/AU, ED3013B/BU	YHV0252P-9	ED3015A/AU, ED3020A/AU, ED3013B/BU, ED3018B/BU
YHV0382P-4	ED3018B/BU, ED3022B	YHV0382P-9	ED3020A/AU, RD2050A	YHV0461U-9	ED3020AU, ED3018BU
YHV072HG-4		YHV072HG-9		YHV072RG-4	EV3075B
YHV072RG-9		YHV072RT-4	EV3075B	YHV072RT-9	
YHV094HG-4	ED3028BU	YHV094RG-4	ED3028BU	YHV094RT-4	ED3028BU
YHW0152P-2		YHW0302P-2			

PED category III (Conformity Assessment Module: B+C2)					
Compressor	Drive	Compressor	Drive	Compressor	Drive
YHV1191G-4	ED4038BU	YHV1191E-4	ED4038BU		

Compressor followed by the motor code “X9” or “E9” and BoM product variation,

Drive followed by the cooling type and product variation,

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

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

Above listed motor-compressors comply with the basic requirements of the *Low Voltage Directive 2014/35/EU*.

Applied harmonized standards:

EN60335-1:2012/A15-2021

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 complies with the requirements of the *Pressure Equipment Directive 2014/68/EU*.

Applied harmonized standards:

EN14276-1: 2020

Pressure equipment for refrigeration systems and heat pumps -

Part 1: Vessels

PED Vessel Categorization and Certification

Fluid Group: 1 or 2 (depending on compressor model)

Vessel Category: II (Conformity Assessment Module: A2)


Vessel Category: III (Conformity Assessment Module: B+C2)

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:  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 IEC 60079-0:2018 Explosive atmospheres  
Part 0: Equipment – General requirements

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

Electric motors and variable speed drives integrated in above listed products are excluded from the scope of the *Regulation (EU) 2019/1781*. In accordance with Article 2 motors and drives integrated into a product and whose energy performance cannot be tested independently from the product are exempted.

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

Signed for and on behalf of Copeland Europe GmbH:



Bachir Bella (Director Sustainability and Product Safety)  
Aachen, August 19, 2024

For product compliance destination sales questions in Great Britain, contact Authorized Representative: Copeland Climate Technologies Limited at [pec.europe@copeland.com](mailto:pec.europe@copeland.com) or +40364821785, Product Environmental Compliance Department.

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