

EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under our sole responsibility.

Object of the declaration:

Scroll Motor-Compressors FIX SPEED

Pressure Equipment Category II (Conformity Assessment Module: A2)					
YB12K1E-	YB17K1E-	YB21K1E-	YB24K1E-	YB31K1E-	YB36K1E-
YB45K1E-	YB56K1G-	YB56K1U-	YB64K1G-	YB64K1U-	YB81K1G-
YB81K1U-	YB97K1G-	YB97K1U-			
YBD17K1E-	YBD24K1E-	YBD31K1E-	YBD36K1E-	YBD45K1E-	
YF05K1E-	YF06K1E-	YF07K1E-	YF07K1S-	YF08K1S-	YF09K1E-
YF09K1S-	YF10K1E-	YF11K1S-	YF13K1E-	YF13K1S-	YF15K1E-
YF17K1S-	YF19K1E-	YF19K5E-	YF20K1S-	YF26K1S-	
YFI10K1E-	YFI15K1E-	YFI19K1E-			
YFJ10K1E-	YFJ15K1E-	YFJ19K1E-			
YH04K1E-	YH04K1P-	YH05K1P-	YH06K1E-	YH06K1P-	YH07K1E-
YH09K1E-	YH09K1P-	YH11K1E-	YH12K1P-	YH13K1E-	YH15K1P-
YH16K1E-					
YHI11K1P	YHI14K1P				
YP91K1T-	YP104K1T-	YP122K1T-			
YR21K1E-	YR29K1E-	YR36K1E-	YR41K1E-	YR52K1E-	YR62K1E-
YR77K1E-					
YRD29K1E-	YRD41K1E-	YRD52K1E-	YRD62K1E-	YRD77K1E	
ZB50KCE-	ZB56KCE-	ZB58KCE-	ZB66K5E-	ZB66KCE-	ZB75KCE-
ZB76K5E-	ZB76KCE-	ZB92KCE-	ZB95K5E-	ZB95KCE-	ZB114K5E-
ZB114KCE-	ZB220KCE-	ZB11MCE-			
ZBD76K5E-	ZBD114K5E-				
ZBH30KJE-	ZBH38KJE-	ZBH45KJE-	ZBHV45KJE-		
ZF24K4E-	ZF24KVE-	ZF33K4E-	ZF33KVE-	ZF34K5E-	ZF40K4E-
ZF40KVE-	ZF41K5E-	ZF48K4E-	ZF48KVE-	ZF49K5E-	ZF54K5E-
ZFD41K5E-					
ZH24KVE-	ZH33KVE-	ZH40KCE-	ZH40KVE-	ZH45KCE-	ZH48KVE-
ZH50KCE-	ZH56K4E-	ZH64KCE-	ZH75K4E-	ZH75KCE-	ZH92K4E-
ZH100KCE-	ZH125KCE-	ZH150KCE-	ZH11M4E-		
ZHI27K1P-	ZHI32K1P-	ZHI35K1P-	ZHI40K1P-	ZHI46K1P-	
ZL16AG-	ZL21AG-	ZL28AG-	ZL36AG-		
ZP90KCE-	ZP103KCE-	ZP104KCE-	ZP120KCE-	ZP122KCE-	ZP137KCE-
ZP137KPE-	ZP154KCE-	ZP154KPE-	ZP180KCE-	ZP182KCE-	ZP182KPE-
ZP235KCE-	ZP295KCE-	ZP385KCE-	ZP485KCE-		
ZPD137KCE-	ZPD154KCE-	ZPD182KCE-			
ZR90K3E-	ZR94KCE-	ZR108KCE-	ZR108KRE-	ZR125KCE-	ZR125KRE-
ZR144KCE-	ZR144KRE-	ZR160KCE-	ZR160KRE-	ZR190KCE-	ZR190KRE-
ZR250KCE-	ZR310KCE-	ZR380KCE-	ZR11M3E-	ZR12M3E-	ZR16M3E-
ZR19M3E-					
ZRD125KCE					
ZRH49KJE-	ZRH61KJE-	ZRH72KJE-	ZRHV72KJE-		
ZTI16AG-	ZTI21AG-	ZTI28AG-	ZTI36AG-		

followed by the motor code and BoM product variation.

ATEX (*) + Pressure Equipment Category II (Conformity Assessment Module: A2)					
YH16K1G-					
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.

Pressure Equipment 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.

Pressure Equipment 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			
ZLV16AG-4		ZLV21AG-4		ZLV28AG-4	
ZLV36AG-4					
ZTW16AG-4		ZTW21AG-4		ZTW28AG-4	
ZTW36AG-4					
Pressure Equipment Category III (Conformity Assessment Module: B+C2)					
Compressor	Drive	Compressor	Drive	Compressor	Drive
YHV1191E-4	ED4038BU	YHV1191G-4	ED4038BU		

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

Drive followed by the cooling type and product variation.

The object of the declaration described above is in conformity with the following **Union harmonization legislation**:

- **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**

Applied harmonized standards:

EN14276-1: 2020

Pressure equipment for refrigeration systems and heat pumps - Part 1: Vessels

PED Vessel Categorization and Certification:

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 Directive 2014/34/EU**

Only the products listed above “Scroll Motor-Compressors ATEX” comply with the requirements of the 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 requirement

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, May 20, 2025

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

Copeland Climate Technologies Limited, company No 01741737, Office 181, Regus, 1st Floor, 3 More London Riverside, London SE1 2RE, United Kingdom