

EU DECLARATION OF CONFORMITY

We hereby declare under our sole responsibility that the following products

ZX Refrigeration Units

ZXLE-018	ZXLE-023	ZXLE-028				
ZXLE-020	ZXLE-025	ZXLE-030	ZXLE-040	ZXLE-050	ZXLE-060	ZXLE-075
ZXLY-020	ZXLY-030	ZXLY-040	ZXLY-050	ZXLY-060	ZXLY-075	
ZXME-013	ZXME-015	ZXME-018				
ZXME-020	ZXME-025	ZXME-030	ZXME-040	ZXME-050	ZXME-060	ZXME-075
ZXMY-020	ZXMY-030	ZXMY-040	ZXMY-050	ZXMY-060	ZXMY-075	
ZXDE-030	ZXDE-040	ZXDE-050	ZXDE-060	ZXDE-075		
ZXDY-030	ZXDY-040	ZXDY-050	ZXDY-060	ZXDY-075		
ZXDI-040	ZXDI-050	ZXDI-060	ZXDI-075			

followed by the motor version and BoM product variation

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

- Pressure Equipment Directive 2014/68/EU**

Above listed pressure equipment is classified as an assembly falling in category I or II of the Pressure Equipment Directive 2014/68/EU (PED) based on the volume of incorporated pressure vessel, compressor, and fluid group. We hereby declare that the product is produced and tested in accordance with requirements prescribed by Module D (covering requirements of the Module E1) according to Annex III, Article 5 of the Directive 2014/68/EU. The methodology was approved and supervised by TÜV SÜD.

Fluid Group	2 according to PED ¹⁾	1 according to PED ¹⁾
Conformity assessment	Category I – Modul A (Internal production control)	Category II – Modul D (Assessment of the quality system)
Certificate of conformity	Not applicable	15.910.854
Notified body	Not applicable	TÜV SÜD Czech s.r.o / CE1017 Novohradská 994/138 CZ-142 21 Prague 4

1) For the full list of refrigerants see the Application Guideline

Applied harmonized standard:

EN 378-2: 2016

Refrigerating systems and heat pumps - Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation

The PED category classification of the pressure equipment included in the refrigeration unit are as listed below*:

Pressure Equipment	Description	PED category	Conformity Assessment procedure
Vessel	Tank liquid 1,8L	I	A
Vessel	Copeland Scroll Compressor	I	A
Vessel	Filter Drier V<1L	ART 4.3	N/A
Vessel	Heat Exchanger V<1L	ART 4.3	N/A
Piping	Tubes and Fittings DN<32	ART 4.3	N/A
Piping	Condenser	ART 4.3	N/A
Piping	Sight Glass	ART 4.3	N/A
Safety Device	Type Approved Pressure Limiter	IV	B+D
Pressure Accessory	Pressure Switch	IV	B+D
Pressure Accessory	Valves DN<32	ART 4.3	N/A

*for models ZXME-013, ZXME-015, ZXME-018, ZXLE-018, ZXLE-023, and ZXLE-028

Pressure Equipment	Description	PED category	Conformity Assessment procedure
Vessel	Tank liquid 3.9L	I	A
Vessel	Tank liquid 5.9L	I	A
Vessel	Copeland Scroll Compressor	I	A
Vessel	Filter Drier V<1L	ART 4.3	N/A
Vessel	Oil Separator	I	A
Vessel	Suction Accumulator	I	A
Vessel	Heat Exchanger V<1L	ART 4.3	N/A
Piping	Tubes and Fittings DN<32	ART 4.3	N/A
Piping	Condenser	ART 4.3	N/A
Piping	Sight Glass	ART 4.3	N/A
Safety Device	Type Approved Pressure Limiter	IV	B+D
Pressure Accessory	Valves DN<32	ART 4.3	N/A
Pressure Accessory	Pressure Probes	ART 4.3	N/A

*for models ZXME-020E to 075E, ZXDE-030E to 075E, ZXLE-020E to 075E and ZXDI

Pressure Equipment	Description	PED category	Conformity Assessment procedure
Vessel	Tank liquid 3.9L / 5.9L	II	A2
Vessel	Copeland Scroll Compressor YB / YBD / YF	II	A2
Vessel	Filter Drier V<1L	ART 4.3	N/A
Vessel	Oil Separator	I	A
Vessel	Suction Accumulator	II	A2
Piping	Tubes and Fittings DN<25	ART 4.3	N/A
Piping	Condenser	ART 4.3	N/A
Piping	Sight Glass	ART 4.3	N/A
Safety Device	Type Approved Pressure Limiter	IV	B+D
Pressure Accessory	Valves DN<25	ART 4.3	N/A
Pressure Accessory	Pressure Probes	ART 4.3	N/A

***for models ZXMY, ZXDY and ZXYL**

- Electromagnetic Compatibility 2014/30/EU**

Above listed equipment complies with the basic requirements of the EMC directive 2014/30/EU.

Applied harmonized standards:

EN 55014-1:2017+A11:2020	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -- Part 1: Emission
EN 55014-2:1997+A1:2001+A2:2008	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -- Part 2: Immunity - Product family standard
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection
EN 61000-6-2:2005	Electromagnetic compatibility (EMC) -Part 6-2: Generic standards - Immunity for industrial environments

EN 61000-6-3:2007+A1:2011

Electromagnetic compatibility (EMC) -- Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments

- **Ecodesign Directive 2009/125/EC**

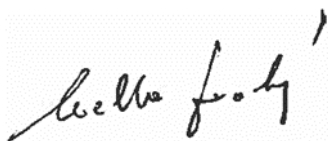
We declare that the above-listed products are compliant with basic requirements of the Directive 2009/125/EC of the European Parliament and of the Council of October 21st, 2009.

Compliance with this regulation has been verified following the requirements in Annex V 1a of the EU regulation (EU) 2015/1095 for implementing of the Ecodesign Directive 2009/125/EC.

Detailed product information required in tables 4 and 5 of the regulations are available for individual products with permitted refrigerant fluids in Copeland Selection Software v.8, which is freely available on the website <https://www.copeland.com/en-gb>.

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, July 1, 2024

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.

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