



SALES INFORMATION

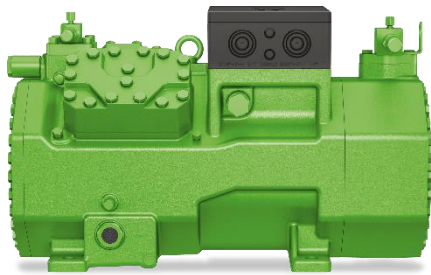
03-2021 // 2021-March-22

Product Availability of ECOLINE CO₂ CME4 Series

New ECOLINE CME4 Series

General

The BITZER ECOLINE CO₂ CME series is designed for CO₂ subcritical applications, with high stillstand up to 100 bar. It is widely applied to cascade and booster systems, especially for commercial refrigeration such as food retail and supermarkets. Applications in transport and industrial cooling are also getting on track.



CME4 Series

We are glad to inform you that there are two new CME4 models:

- 4TME-20K with a displacement of 34.7 m³/h at 50Hz
- 4PME-25K, with a displacement of 41.3 m³/h at 50Hz

Availability

- CME4 are now available for sales with pre-series status

Accessory Options

- IQ module CM-RC-01 basic kit
- Oil management system OLM-IQ and application limit monitoring will be launched in Q3/2021
- Marine version on request

Product Portfolio of ECOLINE CO₂ CME Series

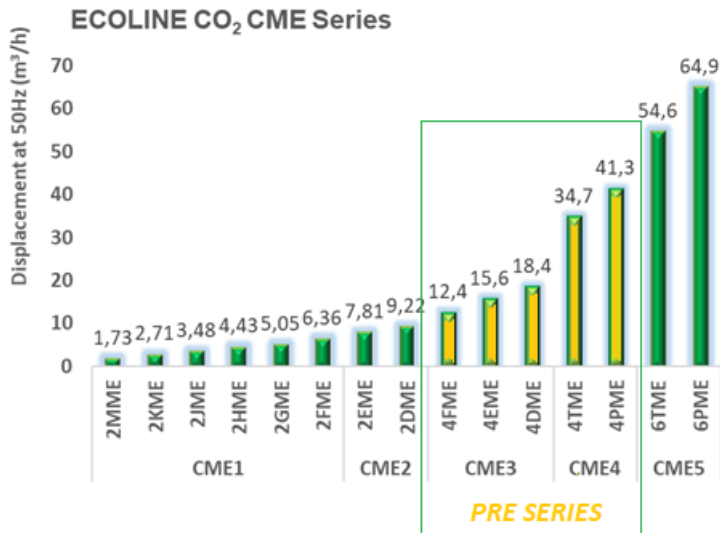
- CME4 and CME3 are both in pre-series now
- CME5 has been in serial release since February 2021



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Main Features

BITZER ECOLINE CO₂ CME new models inherited the optimized robust design of ECOLINE compressors. Main features of new CME models:

- Low gas pulsation and vibration, low sound level due to optimized cylinder head design
- Proven valve plate design for lower flow loss and higher efficiency
- New ECOLINE housing, suction gas optimum guided into housing
- Wear-resistant drive gear for long-term and reliable operation

Technical Data // Documentation

Model	Disp. (50Hz)	No. Of Cylinders	oil charge (L)	Pipe Connection				Weight (kg)	Motor Connection	Electrical Data		
				DL (mm)	DL (inch)	SL (mm)	SL (inch)			Max. operating current (A)	Max. Power Consumption (kW)	starting current / (locked rotor (A)
4TME-20K	34,7	4	2,6	28	1 1/8"	35	1 3/8"	PW(40P) 380..420V Y/Y-3-50Hz 440..480 V/Y-3-60Hz	42,4	24	97/158	
4PME-25K	41,3	4	2,6	28	1 1/8"	35	1 3/8"		52,9	30	135/220	

The data in the table above can be used as reference before the data release in the BITZER software. There might be slight changes in max. power consumption in the BITZER Software later.

Technical documentation will be available at serial release. Please contact BITZER for detailed information about these new products.



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Pricing

- Please refer to [price list A-901-2021](#)

Delivery time

- **CME4 and CME3:** please contact our Technical Sales Team for more information about the lead time

// In case of sales-related questions please contact our Technical Sales Team:

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