

PRO30420-10263530	Technical Data	Rev.: DK Issue date: 12/2025
Type:	PRO30420-0.1-12-DRA/CD03-01C12	
Cooling capacity	50Hz: 4200 W 60Hz: 4200 W at 20°C water and 35°C ambient temperature	
Cooling medium DI Pump	Water or DI-water	
Control range	13°C to 35°C	
Accuracy	± 0.1K	
Controller	CCC5	
Tank volume	9 liter	
Pump Standard DI	C3	
Flow rate Standard DI	11l/min at 3 bar	
Flow sensor	Yes, with flow measurement and monitoring	
Water Bypass	Yes, with adjustment valve	
Water connection	2 x 3/4" internal "G" thread	
Water filter	Yes, installed inside the chiller with access from the front	
Filtergrade	25 µm	
<u>Options included:</u>		
Relief Valve	Yes	
Heater	YES, 500W	
Ventilation	Speed controlled	
Compressor	Speed controlled	
Refrigerant	R290 (<150g) (GWP 3)	
Applicable Standards	CE conform	
Communication Interface 1	RS485 (Modbus RTU protocol) Connection port SUB-D 9, FM	
Communication Interface 2	Ethernet (Modbus TCP protocol) Connection port RJ45	
Interlocks	SUB-D 9 M, all contacts are NO in error state and are electrically isolated. Max. 100mA/24V	
Voltage	230V AC ±10%, 50/60 Hz	
External fuse protection	<20 A @ 230V 50 Hz, connection: 2m cable	
Dimensions (W/H/D)	19" / 12HU / 645mm front plate to ventilator ending (603mm housing)	
Unit installation	Rack mounting	
Weight	Ca. 70kg (without water)	
Operating temperature	+10°C to +40°C	
Storage and transport conditions	+5°C to +75°C	
Humidity	10% to 80% / no condensation	
Noise emission	<70 dBA (1m away)	
Supply package	Chiller unit, Test Protocol, digital manual and CE Certificate	