

Julabo

THE TEMPERATURE CONTROL COMPANY

FX INDUSTRIAL CHILLERS



ENGLISH

FX Series

for a working temperature range from 0 °C to +30 °C

JULABO Industrial Chillers are used in the industry and for countercooling of Highly Dynamic Temperature Control Systems and provide cooling capacities of 31 kW to 66 kW. The extremely robust and durable instruments provide a functional design and can be operated outdoors in rain-protected installation.

The Industrial Chillers can be optionally equipped with an extended ambient temperature range package for fluctuating or extreme ambient temperatures, for more heating capacity or working range extensions. Their efficiency and the use of Thermal GX bath fluid make them an environmentally-friendly and economical alternative to cooling with tap water.

- Potential-free contact (for collective faults)
- Automatic bypass valve for pump protection
- Pressure gauge for water output pressure
- Optical filling level indicator
- Regulated condenser fan
- Tank open to the atmosphere



FX30

Order No.	9 831 000 (see order index)		
Working temperature range °C	0 ... +25 (optional up to +30 °C)		
Ambient temperature range °C	+10...+40 (optional up to +45 °C optional up to -15 °C)		
Temperature stability °C	±1.5		
Pump capacity	l/min	bar	
Flow rate/ Pressure	100	2.6	
Cooling capacity kW ¹⁾	+15 °C	0 °C	
	31	18.2	
Filling volume liters	100		
Dimensions cm	W × L × H 76 × 132.5 × 152.5		



FX50

Order No.	9 832 000 (see order index)		
Working temperature range °C	0 ... +25 (optional up to +30 °C)		
Ambient temperature range °C	+10...+40 (optional up to +45 °C optional up to -15 °C)		
Temperature stability °C	±1.5		
Pump capacity	l/min	bar	
Flow rate/Pressure	160	2.4	
Cooling capacity kW ¹⁾	+15 °C	0 °C	
	51.8	30.5	
Filling volume liters	200		
Dimensions cm	W × L × H 152 × 132.5 × 152.5		



FX65

Order No.	9 833 000 (see order index)		
Working temperature range °C	0 ... +25 (optional up to +30 °C)		
Ambient temperature range °C	+10...+40 (optional up to +45 °C optional up to -15 °C)		
Temperature stability °C	±1.5		
Pump capacity	l/min	bar	
Flow rate/ Pressure	280	2.4	
Cooling capacity kW ¹⁾	+15 °C	0 °C	
	66	39.1	
Filling volume liters	200		
Dimensions cm	W × L × H 152 × 132.5 × 152.5		

¹⁾ at +25 °C ambient temperature

Order index

for your custom unit configuration

Combine one of the three basic models with options of your choice. Please use the order index shown below to create the order number for your unit. Select your configuration and insert the corresponding digit of your desired option into the order index for the respective x.

983 x 0 x 0 . xx . x 0 0 0

983 x 0 x 0 . xx . x 0 0 0

Model

- 1 FX30
- 2 FX50
- 3 FX65

983 x 0 x 0 . xx . x 0 0 0

Heating option

- 0 Without
- 1 3 kW
- 2 6 kW
- 3 9 kW

983 x 0 x 0 . xx . x 0 0 0

Voltage version

- 07 400 V/3P-PE/50 Hz
- 17 460 V/3P-PE/60 Hz

983 x 0 x 0 . xx . x 0 0 0

Options

- 1 OPT A = Working temperature range up to +30 °C
- 3 OPT B = Ambient temperature range up to +45 °C
- 5 OPT C = Ambient temperature range up to -15 °C

Combination of options

- 4 OPT A + B
- 6 OPT A + C
- 8 OPT B + C
- 9 OPT A + B + C

Attention!

If you do not want to add any additional option for the last option (blue), the last four digits including the last period are simply omitted.



Accessories

Bath fluid **Thermal GX** was developed on water-glycol basis and is designed for JULABO Industrial Chillers. It offers anti-freeze protection down to -20 °C.

A wide selection of proven accessories is available at www.julabo.com for extensions and flexible customizations of the Industrial Chillers.



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