



Product Data Sheet

FT200 Immersion Cooler

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Product Image



Description

Immersion Cooler for counter-cooling

JULABO immersion coolers are primarily employed for countercooling open bath circulators to ambient temperature or below as well as for rapidly cooling liquids. JULABO immersion coolers have a small footprint and represent an economic solution preventing tap water usage for cooling. Ease of operation make this model series the ideal instruments for a variety of cooling applications.

Advantages

- o Rapid cooling of liquids to low temperatures
- o Countercooling of liquids in combination with open bath circulators
- o Preventing the use of precious tap water for cooling
- o Compact design, small footprint
- o Ease of operation
- o Much safer and consistent than dry-ice

Technical Specifications

Working temperature range	-20 ... 30 °C			
Temperature control	-			
Integrated programmer	not available			
Heater capacity	0 W			
Cooling capacity	20	10	-20	°C
	250	200	40	W
Refrigerant	R134a			
Dimensions (W x L x H)	18 x 27 x 39 cm			
Weight	18 kg			
Ambient temperature	5 ... 35 °C			
Classification according to DIN 12876-1	-			

Order Information

Model: FT200
Order no.: 9650820

Available mains power:
 230V / 50Hz
 115V / 60Hz

Similar Models

These models could also be interesting for you:

FT400
FT402

Miscellaneous

Clamp for attachment of cooling probe to bath tank wall is available as optional accessory (order no. 8970400) Cooler probe: L 90mm, dia 40mm

Sales & Support:

+49 7823 51-190

Monday to Friday
 7:30 am - 17:00 pm

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 GmbH
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Product Data Sheet

FT900 Immersion Cooler

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Order Information

Model: FT900
Order no.: 9650890

Available mains power:
230V / 50Hz
115V / 60Hz

Downloads

not available

Similar Models

These models could also be interesting for you:

FT902
FT400
FT402

Description

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Advantages

- o Rapid cooling of liquids to low temperatures
- o Countercooling of liquids in combination with open bath circulators
- o Preventing the use of precious tap water for cooling
- o Compact design, small footprint
- o Ease of operation
- o Much safer and consistent than dry-ice

Technical Specifications

Working temperature range	-90 ... 30 °C
Temperature control	-
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 -20 -40 -80 °C 300 270 240 200 70 W
Refrigerant	R404A / R23
Dimensions (W x L x H)	38 x 55 x 60 cm
Weight	50 kg
Ambient temperature	5 ... 35 °C
Classification according to DIN 12876-1	-

Miscellaneous

Clamp for attachment of cooling probe to bath tank wall is available as optional accessory (order no. 8970400) Cooler probe: flexible tube length 65 cm, dia 1.5 cm

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Product Data Sheet

FT402 Immersion Cooler

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Product Image



Description

Immersion Cooler with temperature control for counter-cooling

JULABO immersion coolers are primarily employed for countercooling open bath circulators to ambient temperature or below as well as for rapidly cooling liquids. The models equipped with setpoint control and external Pt100 sensor are capable of maintaining constant temperatures. JULABO immersion coolers have a small footprint and represent an economic solution preventing tap water usage for cooling. Ease of operation make this model series the ideal instruments for a variety of cooling applications.

Advantages

- o Rapid cooling of liquids to low temperatures
- o Countercooling of liquids in combination with open bath circulators
- o Preventing the use of precious tap water for cooling
- o With PID temperature controller and keypad
- o With Pt100 external sensor, 200 x 6 mm dia., stainless steel
- o Ease of operation
- o Compact design, small footprint
- o Much safer and consistent than dry-ice

Order Information

Model: FT402
Order no.: 9650842

Available mains power:
230V / 50Hz
115V / 60Hz

Similar Models

These models could also be interesting for you:

FT902
FT400

Technical Specifications

Working temperature range	-40 ... 30 °C
Temperature control	Analog 2-point
Temperature stability	±0.5 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 -20 -40 °C 450 360 140 30 W
Refrigerant	R134a / R404a
Dimensions (W x L x H)	20 x 30 x 43 cm
Weight	24 kg
Ambient temperature	5 ... 35 °C
Classification according to DIN 12876-1	-

Miscellaneous

Clamp for attachment of cooling probe to bath tank wall is available as optional accessory (order no. 8970400) Cooler probe: L 120mm, dia 50mm Refrigerant: 115V/60Hz = R134a ; 230V/50Hz = R404a

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Product Data Sheet

FT400 Immersion Cooler

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Product Image



Description

Immersion Cooler for counter-cooling

JULABO immersion coolers are primarily employed for countercooling open bath circulators to ambient temperature or below as well as for rapidly cooling liquids. JULABO immersion coolers have a small footprint and represent an economic solution preventing tap water usage for cooling. Ease of operation make this model series the ideal instruments for a variety of cooling applications.

Advantages

- o Rapid cooling of liquids to low temperatures
- o Countercooling of liquids in combination with open bath circulators
- o Preventing the use of precious tap water for cooling
- o Compact design, small footprint
- o Ease of operation
- o Much safer and consistent than dry-ice

Technical Specifications

Working temperature range	-40 ... 30 °C
Temperature control	-
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 -20 -40 °C 450 360 140 30 W
Refrigerant	R134a
Dimensions (W x L x H)	20 x 30 x 43 cm
Weight	24 kg
Ambient temperature	5 ... 35 °C
Classification according to DIN 12876-1	-

Order Information

Model: **FT400**
Order no.: **9650840**

Available mains power:
 230V / 50Hz
 115V / 60Hz

Similar Models

These models could also be interesting for you:

FT402
FT900
FT200

Miscellaneous

Clamp for attachment of cooling probe to bath tank wall is available as optional accessory (order no. 8970400) Cooler probe: L 120mm, dia 50mm

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Product Data Sheet

FD200 Flow-Through Cooler

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Product Image



Description

Flow-through Cooler for counter-cooling

JULABO flow-through coolers are the perfect complement to open bath circulators, immersion circulators and bridge-mounted circulators extending their temperature range to below ambient temperature. They offer a small footprint, have a low energy requirement and represent an economic solution preventing tap water usage for cooling. Instruments are designed for integration into an existing cooling loop (e.g. consisting of open bath circulator with pump) and are supplied with tubing.

Advantages

- o For applications near ambient temperature
- o Integrated freezing protection
- o Preventing the use of precious tap water for cooling
- o Compact design, small footprint
- o Ease of operation
- o Low energy requirement

Technical Specifications

Working temperature range	10 ... 30 °C
Temperature control	-
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 °C 220 180 W
Refrigerant	R134a
Dimensions (W x L x H)	18 x 27 x 39 cm
Weight	16 kg
Ambient temperature	5 ... 35 °C
Classification according to DIN 12876-1	-

Order Information

Model: **FD200**
Order no.: **9655825**
 Available mains power:
 230V / 50Hz
 115V / 60Hz

Similar Models

These models could also be interesting for you:

AWC100
F12-ED

Miscellaneous

Recommended flow rate: 2 to 3 l/min Included: Each 2 m CR tubing 8 and 10 mm ID + barbed fittings

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Product Data Sheet

FT902 Immersion Cooler

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Description

Immersion Cooler with temperature control for counter-cooling

JULABO immersion coolers are primarily employed for countercooling open bath circulators to ambient temperature or below as well as for rapidly cooling liquids. The models equipped with setpoint control and external Pt100 sensor are capable of maintaining constant temperatures. JULABO immersion coolers have a small footprint and represent an economic solution preventing tap water usage for cooling. Ease of operation make this model series the ideal instruments for a variety of cooling applications.

Advantages

- o Rapid cooling of liquids to low temperatures
- o Countercooling of liquids in combination with open bath circulators
- o Preventing the use of precious tap water for cooling
- o With PID temperature controller and keypad
- o With Pt100 external sensor, 200 x 6 mm dia., stainless steel
- o Ease of operation
- o Compact design, small footprint
- o Much safer and consistent than dry-ice

Order Information

Model: FT902
Order no.: 9650892

Available mains power:
 230V / 50Hz
 115V / 60Hz

Downloads

not available

Similar Models

These models could also be interesting for you:

[FT900](#)
[FT400](#)
[FT402](#)

Technical Specifications

Working temperature range	-90 ... 30 °C
Temperature control	Analog 2-point
Temperature stability	±1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 -20 -40 -80 °C 300 270 240 200 70 W
Refrigerant	R404A / R23
Dimensions (W x L x H)	38 x 55 x 60 cm
Weight	50 kg
Ambient temperature	5 ... 35 °C
Classification according to DIN 12876-1	-

Miscellaneous

Clamp for attachment of cooling probe to bath tank wall is available as optional accessory (order no. 8970400) Cooler probe: flexible tube length 65 cm, dia 1.5 cm

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