



Product Data Sheet

FL300 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL300
Order no.: 9660003

Available mains power:
230V / 50Hz
115V / 60Hz
230V / 60Hz
100V / 50-60Hz

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Similar Models

These models could also be interesting for you:

FL601
FL1201

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 300 250 200 150 100 W
Refrigerant	R134a
Pump capacity	Pressure: 350 mbar Flow rate: 15 l/min
Digital interfaces	RS232
Filling volume	3 ... 4.5 Liters
Dimensions (W x L x H)	25 x 50 x 60 cm
Weight	39 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW11006 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FLW11006

Order no.: 9676110

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Similar Models

These models could also be interesting for you:

[FL11006](#)
[FLW7006](#)

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 11500 8000 5100 3000 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	25 ... 35 Liters
Dimensions (W x L x H)	78 x 85 x 148 cm
Weight	250 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW7006 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FLW7006

Order no.: 9676070

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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These models could also be interesting for you:

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[FL7006](#)

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 7400 6000 3100 1700 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	25 ... 35 Liters
Dimensions (W x L x H)	78 x 85 x 148 cm
Weight	220 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW4006 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FLW4006

Order no.: 9676040

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Similar Models

These models could also be interesting for you:

[FL4006](#)
[FLW4003](#)

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 4000 1900 900 50 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	135 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW4003 Recirculating Cooler/Chiller

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Product Image



Order Information

Model: FLW4003

Order no.: 9673040

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Similar Models

These models could also be interesting for you:

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 4300 2500 1600 650 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	127 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW2506 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FLW2506

Order no.: 9676025

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

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These models could also be interesting for you:

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -15°C to +40°C, the temperature stability of the PID control is ±0.5°C. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line +80°C
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-15 ... 40 °C
Temperature control	PID
Temperature stability	±0.5 °C
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 °C 2500 1900 1000 300 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	135 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW2503 Recirculating Cooler/Chiller

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Product Image



Order Information

Model: FLW2503

Order no.: 9673025

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

Downloads

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Similar Models

These models could also be interesting for you:

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[FLW2506](#)

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 2700 1700 1300 550 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	143 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW1703 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FLW1703

Order no.: 9673017

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

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Similar Models

These models could also be interesting for you:

[FL1701](#)

[FLW1701](#)

[FL1703](#)

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 1700 1400 1000 750 300 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	12 ... 17 Liters
Dimensions (W x L x H)	50 x 76 x 64 cm
Weight	88 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FLW1701 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FLW1701

Order no.: 9671017

Available mains power:

230V / 50Hz

115V / 60Hz

230V / 60Hz

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Similar Models

These models could also be interesting for you:

FL1701

FL1703

FLW1703

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure
- o Water cooled

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 1700 1500 1100 850 400 W
Refrigerant	R404a
Pump capacity	Pressure: 1000 mbar Flow rate: 23 l/min
Digital interfaces	RS232
Filling volume	12 ... 17 Liters
Dimensions (W x L x H)	50 x 76 x 64 cm
Weight	72 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL11006 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL11006

Order no.: 9666110

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 11000 7500 5000 3000 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	25 ... 35 Liters
Dimensions (W x L x H)	78 x 85 x 148 cm
Weight	248 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL7006 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL7006
Order no.: 9666070

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 7000 5500 3000 1700 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	25 ... 35 Liters
Dimensions (W x L x H)	78 x 85 x 148 cm
Weight	252 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL4006 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL4006
Order no.: 9666040

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 4000 1900 900 50 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	130 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL4003 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL4003
Order no.: 9663040

Available mains power:
400V / 3 Ph. / 50Hz
230V / 3 Ph. / 60Hz

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 4000 2400 1500 650 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	123 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL2506 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL2506
Order no.: 9666025

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

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FLW2506

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -15°C to +40°C, the temperature stability of the PID control is $\pm 0.5^\circ\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line +80°C
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-15 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^\circ\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 °C 2500 1900 1000 300 W
Refrigerant	R404a
Pump capacity	Pressure: 6000 mbar Flow rate: 60 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	130 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 1" inner dia. (pump connections G1 1/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL2503 Recirculating Cooler/Chiller

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Product Image



Order Information

Model: FL2503
Order no.: 9663025

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

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 0 -10 -20 °C 2500 1500 1200 550 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	19 ... 27 Liters
Dimensions (W x L x H)	60 x 76 x 115 cm
Weight	123 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL1703 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL1703
Order no.: 9663017

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

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[FLW1701](#)
[FLW1703](#)

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 1700 1400 1000 750 300 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	12 ... 17 Liters
Dimensions (W x L x H)	50 x 76 x 64 cm
Weight	91 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
 Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL1701 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL1701
Order no.: 9661017

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

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Similar Models

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Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 1700 1500 1100 850 400 W
Refrigerant	R404a
Pump capacity	Pressure: 1000 mbar Flow rate: 23 l/min
Digital interfaces	RS232
Filling volume	12 ... 17 Liters
Dimensions (W x L x H)	50 x 76 x 64 cm
Weight	71 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
 Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL1203 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL1203
Order no.: 9663012

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

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Similar Models

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 Pictures may differ from original.

Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator
- o Adjustable bypass for pump pressure

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 1200 900 800 500 200 W
Refrigerant	R404a
Pump capacity	Pressure: 3000 mbar Flow rate: 40 l/min
Digital interfaces	RS232
Filling volume	12 ... 17 Liters
Dimensions (W x L x H)	50 x 76 x 64 cm
Weight	73 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 barbed fittings for tubing 3/4" inner dia. (pump connections G3/4" male)
 Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL1201 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL1201
Order no.: 9661012

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

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Similar Models

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 7:30 am - 17:00 pm

JULABO Labortechnik GmbH
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Technical changes reserved.
 Pictures may differ from original.

Description

Recirculating Cooler/Chiller for environmentally friendly cooling

The FL series offers a new generation of chillers for routine cooling applications within the laboratory and industry. The working temperature range covers -20°C to $+40^{\circ}\text{C}$, the temperature stability of the PID control is $\pm 0.5^{\circ}\text{C}$. All units can easily be cleaned and are provided with a splash water proof keypad with LED temperature indication. On the front of the units there is an RS232 interface as well as an alarm shutdown. The filling port is easily accessible placed on the top under a lift-up cover. Another hinged tray serves as a file for the operating manual or other documents concerning the installation. The removable venting grid allows an easy cleaning of the condenser, the drain tap is easily accessible behind the grid. All models include an easily visible level indication. Another advantage is the venting slots are on the front and rear and therefore the units can be placed directly one beside the other (space saving).

Advantages

- o Ergonomic design and easy operation
- o Splash-proof keypad with integrated mains switch
- o Large, bright LED display
- o Reliable Microprocessor PID temperature control
- o Filling level indicator
- o Powerful immersion pumps, suitable for continuous operation
- o Permissible temperature in return line $+80^{\circ}\text{C}$
- o Easy filling from the top with hinged protective lid
- o Low liquid level protection with optical and audible alarm signal
- o Integrated stainless steel bath tanks
- o Removable venting grid for cleaning of the condenser
- o Front drain
- o No side vents
- o RS232 interface for PC-connection
- o IP class according to IEC 60529: 21
- o Pressure indicator

Technical Specifications

Working temperature range	-20 ... 40 °C
Temperature control	PID
Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 1200 1000 900 600 300 W
Refrigerant	R404a
Pump capacity	Pressure: 1000 mbar Flow rate: 23 l/min
Digital interfaces	RS232
Filling volume	12 ... 17 Liters
Dimensions (W x L x H)	50 x 76 x 64 cm
Weight	76 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
 Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids



Product Data Sheet

FL601 Recirculating Cooler/Chiller

[Print Data Sheet](#)

Product Image



Order Information

Model: FL601
Order no.: 9661006

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

Downloads

↓ [EasyTemp Software](#)

Similar Models

These models could also be interesting for you:

[FL300](#)
[FL1201](#)

Sales & Support:

+49 7823 51-190

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

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Temperature stability	$\pm 0.5^{\circ}\text{C}$
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	0 W
Cooling capacity	20 10 0 -10 -20 °C 600 500 400 330 200 W
Refrigerant	R404a
Pump capacity	Pressure: 1000 mbar Flow rate: 23 l/min
Digital interfaces	RS232
Filling volume	5.5 ... 8 Liters
Dimensions (W x L x H)	32 x 50 x 60 cm
Weight	48 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	-

Miscellaneous

Included: 2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
Suitable fluids: water, water-glycol mixture, JULABO Thermal bath fluids