

Order No.	Description	Suitable for
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Tubing

8 930 008	1 m CR® tubing, 8 mm inner dia. (-20 ... +120 °C)	AWC100, F200, FL300
8 930 010	1 m CR® tubing, 10 mm inner dia. (-20 ... +120 °C)	AWC100, F200
8 930 012	1 m CR® tubing, 12 mm inner dia. (-20 ... +120 °C)	FL300
8 930 308	1 m Reinforced tubing, 8 mm inner dia. (-40 ... +120 °C)	FL601/1201/1701 + FC series
8 930 312	1 m Reinforced tubing, 12 mm / 1/2" inner dia. (-40 ... +120 °C)	FL601/1201/1701 + FC series
8 930 319	1 m Reinforced tubing, 3/4" inner dia. (-40 ... +120 °C)	FL(W)1203/1703/2503/4003
8 930 325	1 m Reinforced tubing, 1" inner dia. (-40 ... +120 °C)	FL(W)2506/4006/7006/11006

Tubing insulations

8 930 410	1 m Insulation, 14 mm inner dia.	CR® tubing 8 to 10 mm inner dia.
8 930 412	1 m Insulation, 18 mm inner dia.	CR® tubing 12 mm ID and Reinforced tubing 8 mm ID
8 930 413	1 m Insulation, 23 mm inner dia.	Reinforced tubing 12 mm/ 1/2" ID
8 930 419	1 m Insulation, 29 mm inner dia.	Reinforced tubing 3/4" ID
8 930 425	1 m Insulation, 35 mm inner dia.	Reinforced tubing 1" ID

Tube clamps

8 970 480	2 Tube clamps, size 1	CR® tubing 8 inner dia.
8 970 481	2 Tube clamps, size 2	CR® tubing 10 and 12 mm ID and Reinforced tubing 8 mm ID
8 970 482	2 Tube clamps, size 3	Reinforced tubing 12 mm/ 1/2" ID
8 970 483	2 Tube clamps, size 4	Reinforced tubing 3/4" ID
8 970 484	2 Tube clamps, size 5	Reinforced tubing 1" ID

Twin distributing adapters / Quad distributing adapters

8 970 470	Twin distributing adapter with barbed fittings for tubing 8 mm ID	FL + FC series
8 970 472	Twin distributing adapter with barbed fittings for tubing 10 mm ID	FL + FC series
8 970 471	Twin distributing adapter with barbed fittings for tubing 12 mm ID	FL + FC series
8 970 476	Twin distribut. adapter G 3/4" with barbed fittings for tubing 3/4" ID	FL(W)1203/1703/2503/4003
8 970 477	Twin distribut. adapter G 1 1/4" with barbed fittings for tubing 1" ID	FL(W)2506/4006/7006/11006
8 970 474	2 Quad distributing adapters, M16x1, with barbed fittings for tubing 8 mm or 12 mm / 1/2" inner dia.	FC series
8 970 520 ¹⁾	2 Quad distributing adapters, M16x1, with barbed fittings for tubing 8 mm or 12 mm / 1/2" inner dia.	FL(W)601/1201/1701
8 970 522 ¹⁾	2 Quad distributing adapters, G 3/4" female, with barbed fittings for tubing 3/4" inner dia.	FL(W)1203/1703/2503/4003
8 970 524 ¹⁾	2 Quad distributing adapters, G 1 1/4" female, with barbed fittings for tubing 1" inner dia.	FL(W)2506/4006/7006/11006

¹⁾ Recommendation: Use shut-off valves additionally.

Connectors / Stainless steel adapters

8 890 040	2 Adapters G 3/4" female to M16x1 male	FL(W)1203/1703/2503/4003
8 890 041	2 Adapters G 1 1/4" female to M16x1 male	FL(W)2506/4006/7006/11006
8 890 042	2 Adapters G 3/4" female to barbed fitting for tubing 1/2" inner dia.	FL(W)1203/1703/2503/4003
8 890 043	2 Adapters G 3/4" female to barbed fitting for tubing 3/4" inner dia.	FL(W)1203/1703/2503/4003
8 890 044	2 Adapters G 1 1/4" female to barbed fitting for tubing 1/2" inner dia.	FL(W)2506/4006/7006/11006
8 890 045	2 Adapters G 1 1/4" female to barbed fitting for tubing 3/4" inner dia.	FL(W)2506/4006/7006/11006
8 890 046	2 Adapters G 1 1/4" female to barbed fitting for tubing 1" inner dia.	FL(W)2506/4006/7006/11006
8 890 047	2 Adapters G 3/4" female to NPT 1/2" male	FL(W)1203/1703/2503/4003
8 890 048	2 Adapters G 3/4" female to NPT 3/4" male	FL(W)1203/1703/2503/4003
8 890 049	2 Adapters G 1 1/4" female to NPT 1/2" male	FL(W)2506/4006/7006/11006
8 890 050	2 Adapters G 1 1/4" female to NPT 3/4" male	FL(W)2506/4006/7006/11006
8 890 051	2 Adapters G 1 1/4" female to NPT 1" male	FL(W)2506/4006/7006/11006

Shut-off valves / Solenoid valve

8 970 456	Shut-off valve for loop circuit, M16x1	FL300/601/1201,1701, FC series
8 970 454	Shut-off valve G 3/4"	FL1203/1703/2503/4003
8 970 458	Shut-off valve G 1 1/4"	FL(W)2506/4006/7006/11006
8 980 701	Solenoid valve set for loop circuit (max. +100 °C), M16x1	FC series (return flow safety device)

External Pt100 sensors

8 981 003	External Pt100 sensor, 200 x 6 mm dia., stainless steel	FC1200T, FC1600T, FCW2500T:
8 981 020	M+R in-line Pt100 sensor, including 2 fittings M16x1 male (for installation in the loop circuit)	external measurement & control

Bath fluids / Lab automation see pages 31 / 57



Reinforced tubing CR® tubing



Tubing insulation Tube clamps



Twin distributing adapter Quad distributing adapter



Solenoid valve for return flow safety device



External Pt100 sensor / M+R in-line Pt100 sensor

Controlling • Programming • Viewing • Recording

JULABO offers YOU the most suitable software for YOUR application. YOU save time, make YOUR work easier – control, optimize, visualize and record temperature and time-dependent processes without any hassle.

For routine control tasks of only one JULABO instrument, the FREE 'EasyTemp' is ideal (download at www.julabo.de). For more demanding applications JULABO offers 'EasyTemp Professional' for controlling up to 8 instruments. The connection is carried out inexpensively and simply via digital RS232 interface or USB converter. Ask JULABO!

JULABO Software Solutions offer:	EasyTEMP	EasyTEMP PROFESSIONAL
Control of one JULABO unit with integrated interface	●	●
Control of up to 8 JULABO units with integrated interface		●
Instrument window:		
Recording and display of currently measured values on PC	●	●
Setpoint programming via PC	●	●
Status indication	●	●
Individual control window for each unit		●
Simultaneous start of units with just one button		●
Recording of measured values:		
Graphic zoom data function	●	●
Display of up to 4 curves in one diagram	●	
Display of up to 16 curves in one diagram		●
Up to 4 definable scales		●
Curves can be assigned to individual scales		●
Entry of formulas such as averaging, differences between measured values, etc.		●
Entry of text comments with display in the diagram		●
Ramp programming:		
Ramp function of up to 100 steps	●	
Ramp function of up to 1000 steps (individually for each instrument)		●
Repeat memorized profiles	●	●
Modifications to running profiles	●	●
Graphic display of total profiles		●
Data recording:		
Recording of measured values in ASCII format	●	●
Recording of measured values in Excel		●
Saving of further relevant measuring data		●
Scalable monitoring pattern		●
Trigger function for recording		●
Export function of graphs into JPG format		●
Loading of previously created recordings with print function		●
Options:		
Control and integration of laboratory instruments of different makes, e.g. laboratory stirrers, magnetic stirrers, analyzing balances, dosing pumps, pH meters, etc.		on request
Drivers for interfaces such as Profibus, Devicenet, Ethernet, RS485		on request
21 CFR 11 conformity		on request

Order No.	Description	Suitable for
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8 901 102	'EasyTemp' control software (free download at www.julabo.de)	Units with RS232
8 901 105	'EasyTemp Professional' control software, with USB dongle	Units with RS232
8 980 073	RS232 interface cable, 2.5 m	Units with RS232
8 980 075	RS232 interface cable, 3.0 m	SW22 + SW23 shaking water baths
8 900 110	USB interface adapter cable	Units with RS232
8 900 015	PBM Profibus DP Master	Connection via USB port on PC
8 900 005	PB-5 Option: integrated Profibus DP	'HighTech' circulators HL, SL
8 900 002	PB-2 Option: integrated Profibus DP	Presto®, Magnum 91, Forte HT
8 900 003	PB-3 Option: integrated Profibus DP	LC6 programmable controller
8 980 030	PBI Profibus DP Interface Box	Units with RS232

Customized solutions

JULABO offers a turnkey automation solution including custom software and hardware solutions for specific applications. JULABO offers YOU a turnkey dedicated solution to your automation requirements.