

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20010106073400/http://www.julabo.com:80/f32-hd.htm

JULABO® F32-HD Heating and Refrigerated Circulator

Standard Features

- Active heating and cooling throughout entire temperature range
- Patented adjustable high/low temperature warning functions
- RS232 and RS485 serial interfaces
- Adjustable high temperature safety shutoff
- Advanced control electronics automatically optimize PID parameters
- Capable of direct control of external system with Pt100 probe
- Analog input/output
- TWO YEAR warranty on parts and labor in North America



F32-HD Heating and Refrigerated Circulator

JULABO® Order No.	**9 240 632**
Working Temperature Range	**-32°C…+200°C**
Temperature Stability	**±0.01°C**
Display Resolution	**0.01°C below +100°C**
Interface	**RS232 and RS485**
Safety Class	**2**
Heater Capacity (115V/60Hz or 230V/50Hz)	**1000W or 2000W**
Cooling Capacity at +20°C at 0°C at -20°C	 **450W** **390W** **150W**
Refrigerant	**R134a**
Pump Capacity (pressure)	**20Lpm, 5 psi**
Pump Capacity (suction)	**14Lpm, 3.2 psi**
Bath Opening Dimensions (WxL/D)	**7 x 5 / 6 inches** (17.8 x 12.7 / 15.2 cm)
Filling volume	**5.5 ... 8L**
Overall Dimensions (WxLxH)	**12 x 16.5 x 25.5 inches**(30.5 x 41.9 x 64.8 cm)
Weight	**84lbs.** (38.1 kg)
Mains Power Requirement	**115V/60Hz** **(available in 230V/50Hz - call for details)**

Accessories Commonly used with F32-HD

- 8mm Viton® tubing for pumping externally. 1m length (Order #8 930 108)
- 10mm Viton® tubing for pumping externally. 1m length (Order #8 930 110) Requires also adapter #8 970 447
- 12mm Viton® tubing for pumping externally. 1m length (Order #8 930 112)
- **JULABO®** Triple-insulated Metal Tubing for maximum efficiency at high and low temperatures.
- **JULABO®** Bath Fluids to achieve temperatures beyond the working range of water, or for achieving more rapid temperature changes.
- **JULABO®** Adapters for attachment of F32-HD to external system. All common sizes available
- **JULABO®** Pt100 temperature probes for direct control of external system
- **JULABO®** Software for PC control through RS232 interface

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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