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Data Sheet

August 15, 2026

AFFINITY

Affinity RNE-H04J-CD22CBD0

The Affinity RNE-H04J-CD22CBD0 is a solid industrial computer component designed for demanding environments. It offers reliable performance and is suitable for a variety of industrial applications.



MODEL

**Affinity RNE-
H04J-CD22CBD0**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**RNE-H04J-
CD22CBD0**

LISTING

[https://aumictechlabs.c
om/products/rne-h04j-
cd22cbd0-2/](https://aumictechlabs.com/products/rne-h04j-cd22cbd0-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Affinity RNE-H04J-CD22CBD0 is an industrial computer component engineered for deployment in demanding operational environments. Built for reliability and durability, this unit delivers consistent performance across a broad spectrum of industrial applications where dependable operation is critical.

Technical Specifications The RNE-H04J-CD22CBD0 functions as a dedicated industrial computing module. Electrical characteristics, power requirements, and connectivity specifications are determined by application-specific integration parameters.

Key Features Designed for harsh industrial operating conditions Consistent performance under demanding workloads Industrial-grade construction for extended service life Typical Applications This component serves equipment manufacturers and system integrators developing solutions for industrial automation, process control, and other environments where component reliability directly impacts system uptime.

Compatibility & Integration When deployed within systems running 64-bit Windows operating systems, the RNE-H04J-CD22CBD0 operates with standard Intel, AMD,

or ARM64 processor architectures. Systems incorporating this component benefit from DirectX 10-compatible graphics support. Minimum system resources include 8 GB RAM and 1 GB hard drive allocation, with display resolution of 1280×768 or greater recommended for operational interfaces. Hardware integration specifications are application-dependent and require evaluation against specific system requirements during design phase.

RNEH04JCD22CBD0 Characteristics / Specifications

PARAMETER	VALUE
Model	RNE-H04J-CD22CBD0
Instrument Type	recirculating process chiller
Family	Affinity R-series / RNE
Controller	Fuji 1/16 DIN programmable microprocessor
Display	PV process coolant and SV set-value
Default Sv Window	5 C to 32 C (40 F to 90 F) unless factory modified
Ambient Operate	7 C to 30 C (45 F to 85 F) indoor
Ambient Derate	operation above 30 C derates cooling capacity
Storage Temperature	52 C (125 F) maximum
Mains Sixty	208 to 230 Vac single phase 60 Hz
Mains Fifty	200 to 220 Vac single phase 50 Hz
Factory Voltage	set for 200 to 220 V; swap orange/red on contactor above 220 V
Plug Class	NEMA 6-15P on documented 208-230 V builds
Interlock	25-pin D-sub flow, temperature, and level
Temp Alarm Pins	pins 9 and 10 closed when temperature is in range (NC standard)
Front Switch	ON / OFF / SET
Set Mode	SET powers the display without refrigeration and pump
Condenser Clearance	free space equal to cabinet height on condenser side
Coolant Ban	no automotive antifreeze with silicates (pump seal damage)
Strainer	pump inlet strainer in reservoir, inspect routinely
Distance Note	more than 25 ft of hose may need extra fill/prime attention
Config Cooling	H04J RNE cooling/pump code
Config Options	CD22CBD0 remaining option string on the serial tag
Manufacturer	Affinity (Lydall Industrial Thermal Solutions)
Literature	Affinity R-series chiller user manual D5407

PARAMETER	VALUE
Form Factor	indoor recirculating chiller cabinet
System Role	closed-loop process temperature control
Application Class	laser, semiconductor, laboratory cooling
Brand Lineage	Affinity Lydall
Potable Water	coolant loop not for potable water
Fault Light	FAULT on until pump establishes flow at start

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	52 C (125 F) maximum
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Manufacturer	Affinity (Lydall Industrial Thermal Solutions)
Literature	Affinity R-series chiller user manual D5407
Form Factor	indoor recirculating chiller cabinet
System Role	closed-loop process temperature control
Application Class	laser, semiconductor, laboratory cooling
Brand Lineage	Affinity Lydall
Potable Water	coolant loop not for potable water
Fault Light	FAULT on until pump establishes flow at start Notes From Affinity R-series user manual D5407 (7 to 30 C ambient, Fuji 1/16 DIN, 208-230/200-220 Vac, 25-pin interlock, 5 to 32 C default SV). Rated cooling watts and pump flow for H04J are on the unit serial tag, not invented here.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Literature	Affinity R-series chiller user manual D5407
Form Factor	indoor recirculating chiller cabinet

PARAMETER	VALUE
System Role	closed-loop process temperature control
Application Class	laser, semiconductor, laboratory cooling
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.