



COMINO DRYCOOLER 4U



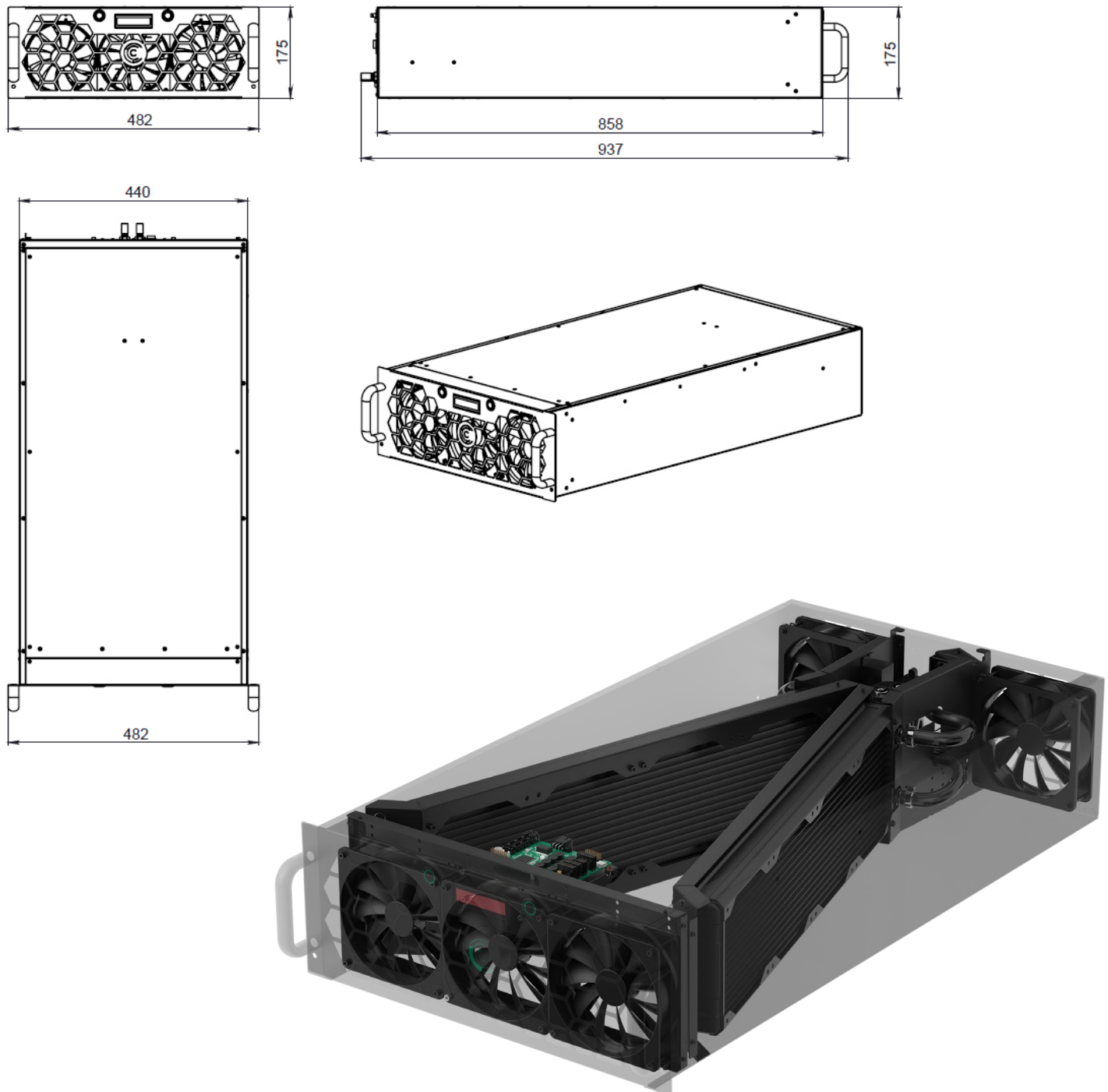
FEATURES:

- 4U-COMPATIBLE OR STAND-ALONE
- 4KW COOLING CAPACITY
- AUTOMATIC CONTROL & MONITORING
- 2X AIR SENSORS
- 2X COOLANT SENSORS
- ADJUSTED FANS ROTATION SPEED
- REMOTELY UPDATED SOFTWARE

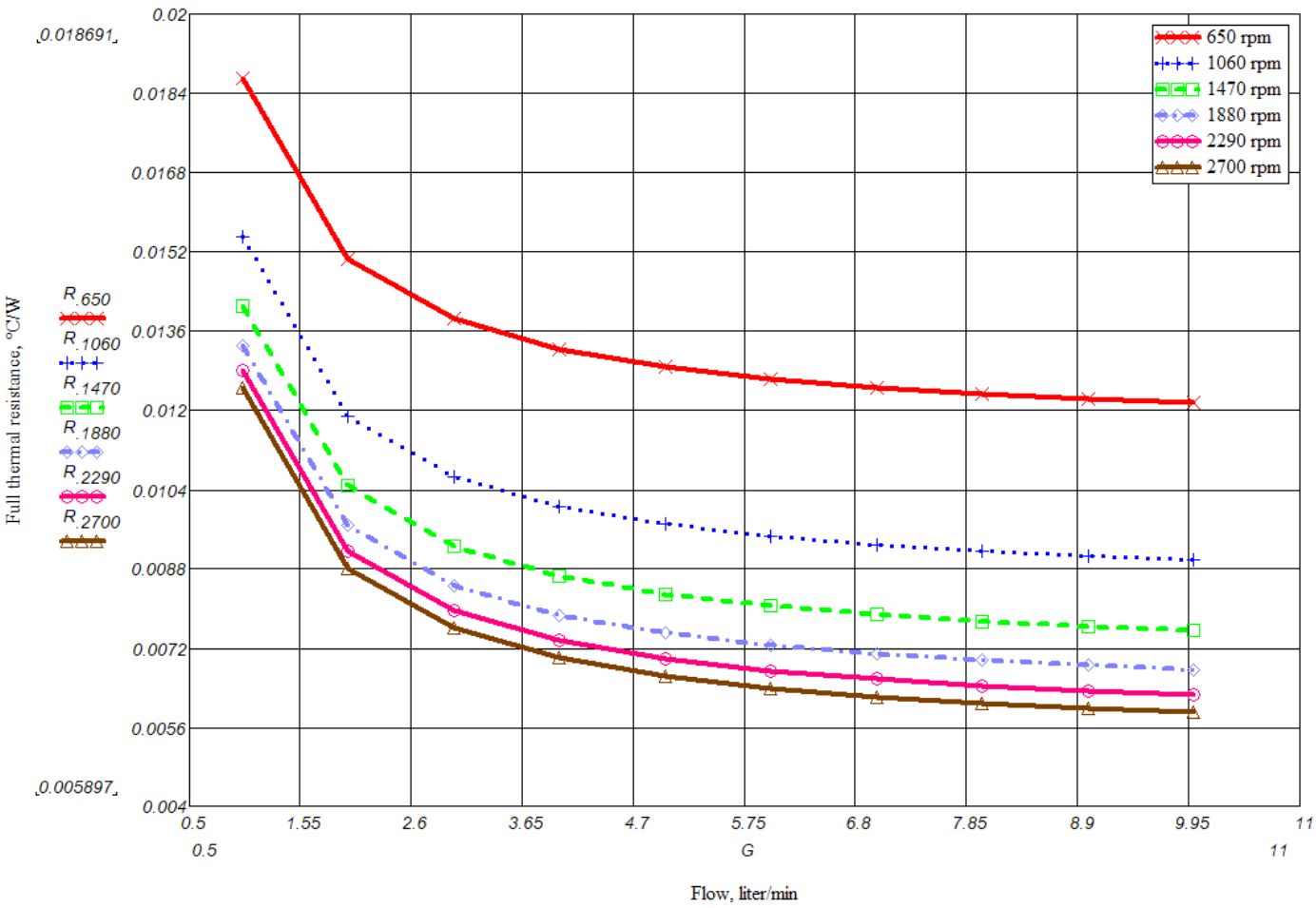
4U rack-mountable or free standing ambient liquid cooling system. It contains 5x 140mm Noctua industrial fans and 2x copper radiators, providing 4000W of cooling with a 25°C ambient delta.

DRYCOOLER DIMENSIONS AND BLUEPRINT

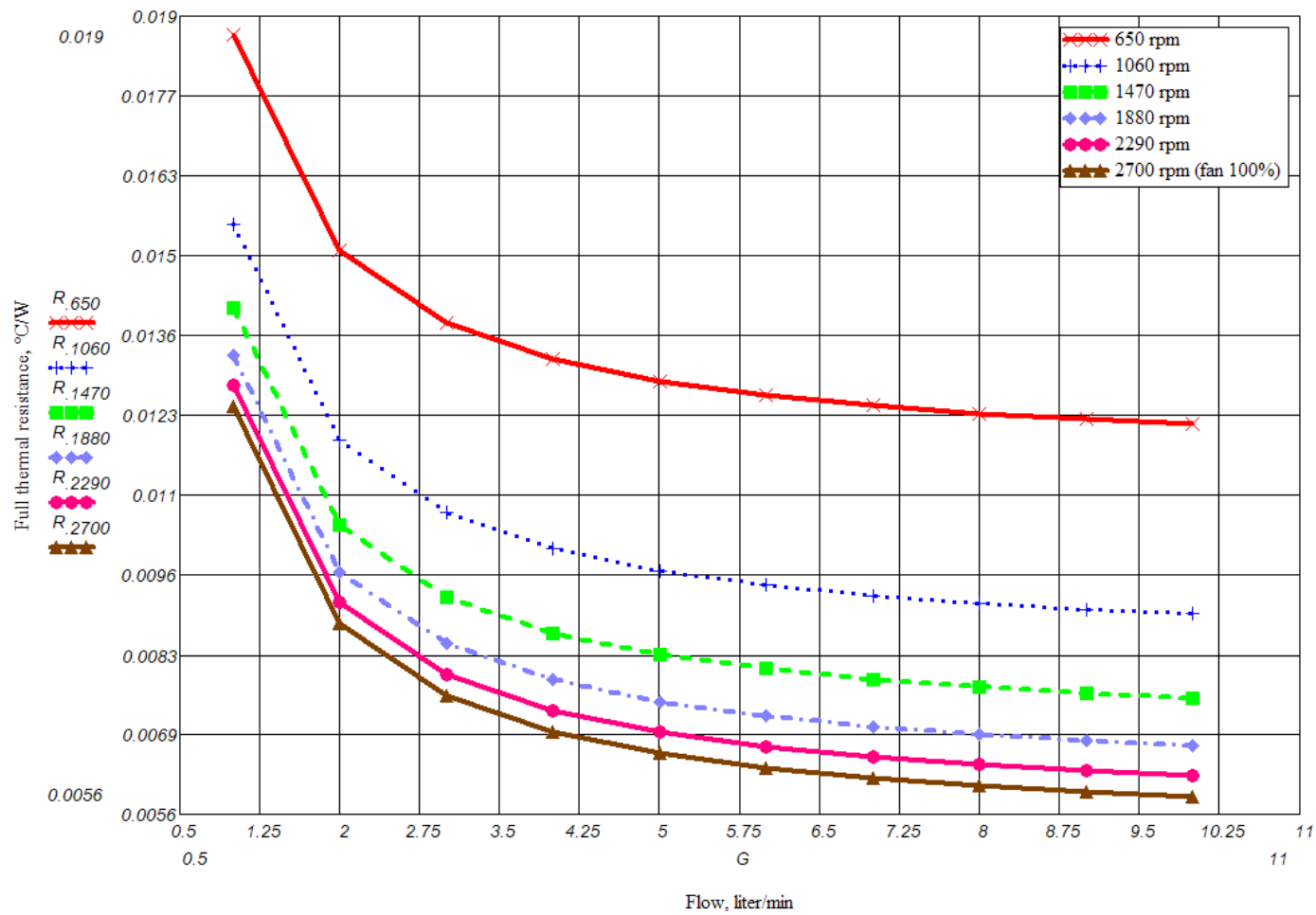
Drycooler is designed around quick disconnect couplings. It perfectly fits 4U rack if you want to place it together with your computing modules or can be used as a stand-alone liquid cooling system.



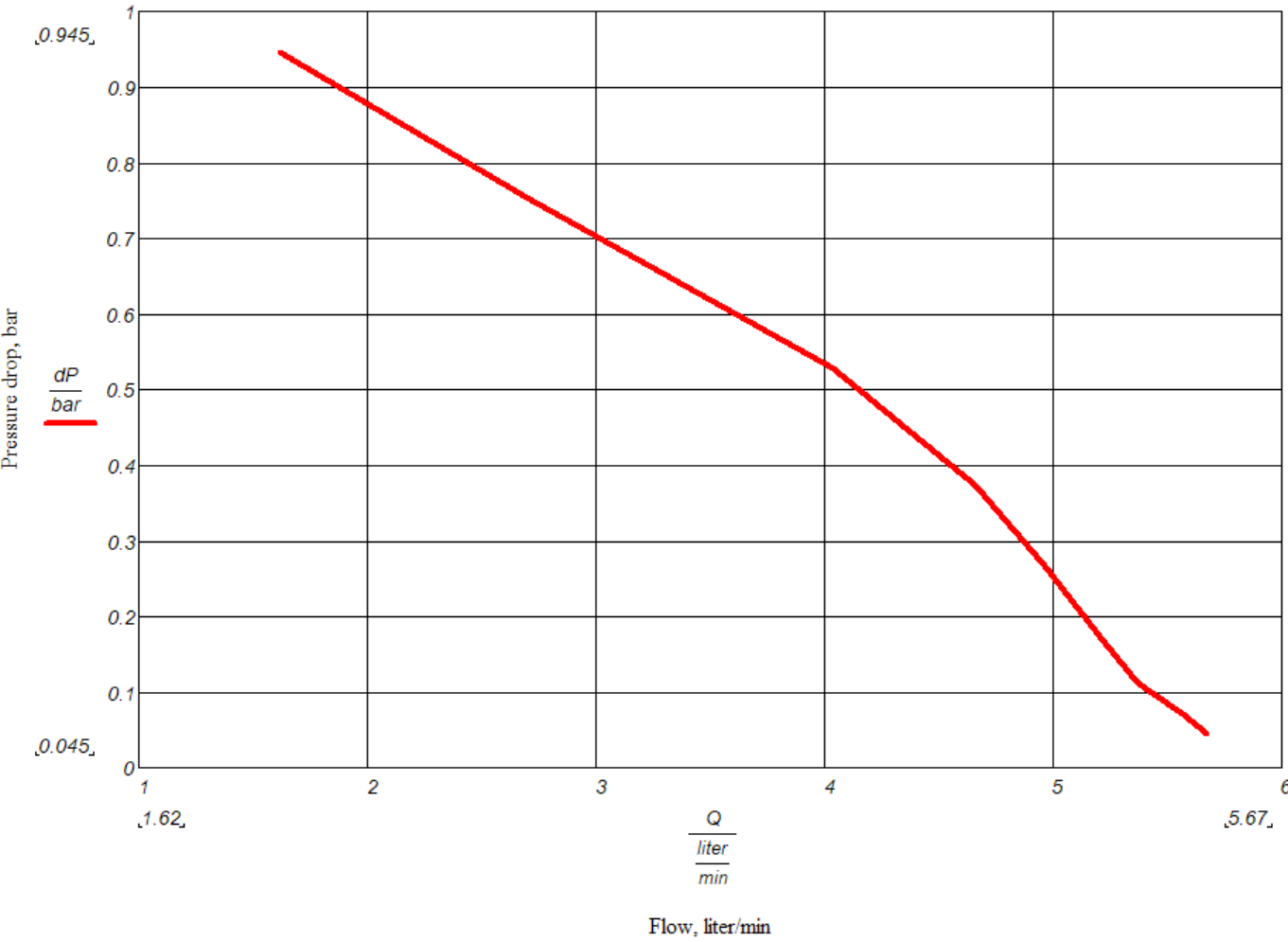
THERMAL RESISTANCE DIAGRAMS



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FLOW RATE VS PRESSURE DIAGRAM



DRYCOOLER DISPLAY PANEL

Drycooler display panel allows control and monitoring of various aspects of the cooling units: 2 air and 2 coolant sensors show temperatures at the entrance and at the exit. Fans rotation speed is displayed and can be adjusted in dependence with the temperature.

Controller software is remotely updated.

AIR

IN: +22.7
OUT: +23.9

WATER

IN: +23.2
OUT: +20.2

FAN'S

F1: 3134
F2: 3194
F3: 3151

TECHNICAL SPECIFICATIONS

Dimensions	482 (440) mm x 175mm (4U) x 942 (858) mm 19.0 (17.3) in x 6.9in (4U) x 37.0 (33.8) in
Consumption	110w
Pipe Connection Spec	G1/4" threads on back panel Staubli Quick Disconnect Couplings with internal diameter of 6mm, stainless flat-face zero-spill
Power input	110-230VAC
Cooling capacity	4000W with 25°C liquid-ambient delta
Fans	5x 140mm Noctua NF-A14 Industrial 3000rpm PWM fans, two levels (9V, 12V)
Operating temperature	Ambient Air 10-35°C (20°C - recommended), Coolant temperature 10-55°C
Radiators	2x 560x140x54mm Copper radiators, V-shaped flow-optimized positioning
Pumps	Dual Laing DDC 18W PWM pumps
Reservoir	Borr-silicate glass reservoir with flow optimized POM pump top
Sensors	2 air sensors (in-out), 2 coolant sensors (in-out)



DATASHEET

COMINO DRYCOOLER 4U

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@cominotech



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CONTACTS

Website www.comino.com

Phone +44 2038855315

Email info@comino.com



For more product information visit: www.comino.com