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Specifications Sheet

Generated: 2026-11-03

P/N: CHC-120

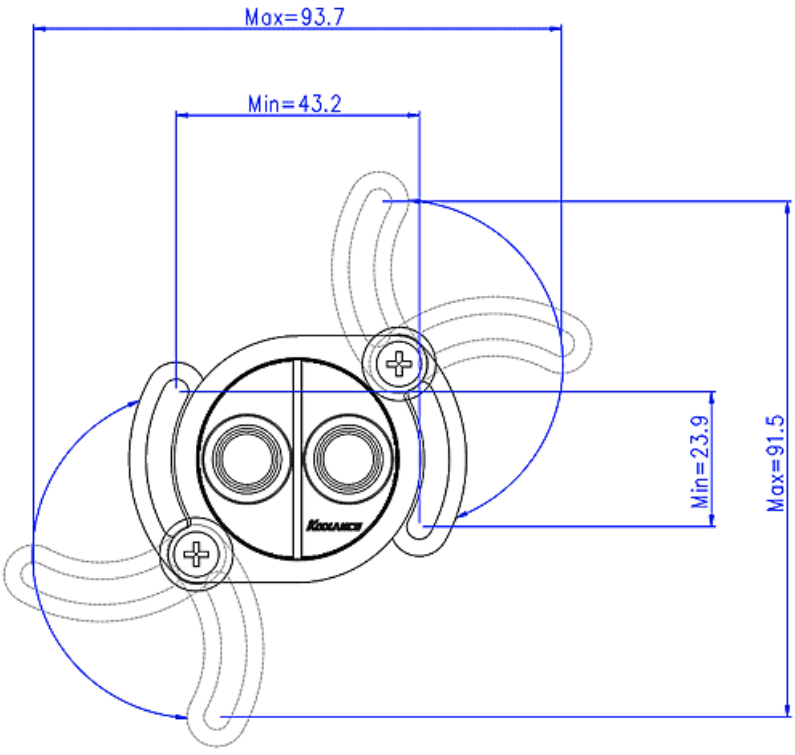
CHC-120 Water Block (Motherboard Chipset)

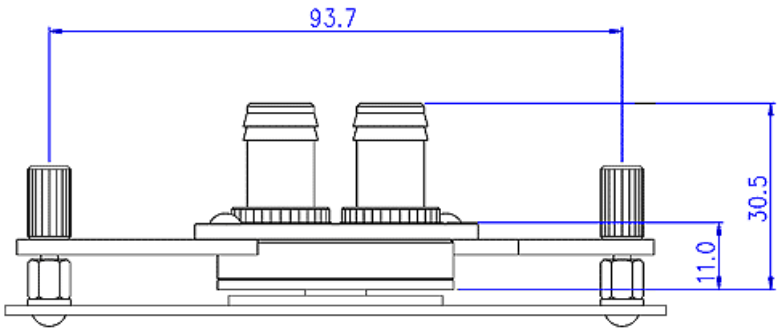


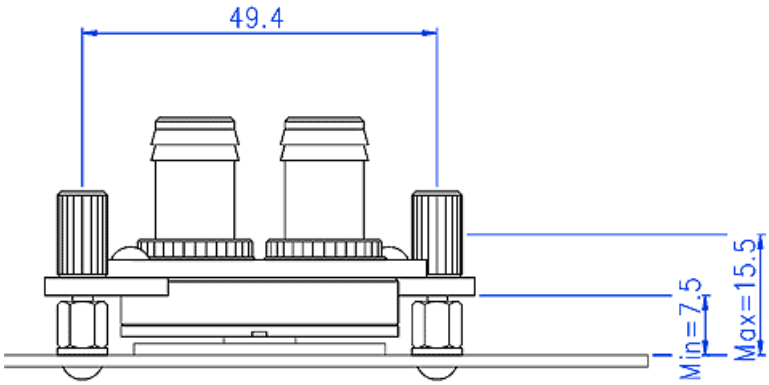
Put heatpipes to shame. The CHC-120 is designed to provide high efficiency liquid cooling for motherboard northbridge chipsets. Versatile mounting hardware allows the CHC-120 to cool almost all types of mainboards, or heat sources up to approximately 120W. Materials are solid copper with 24k gold plating and anodized aluminum top. G 1/4 BSPP fitting threading.

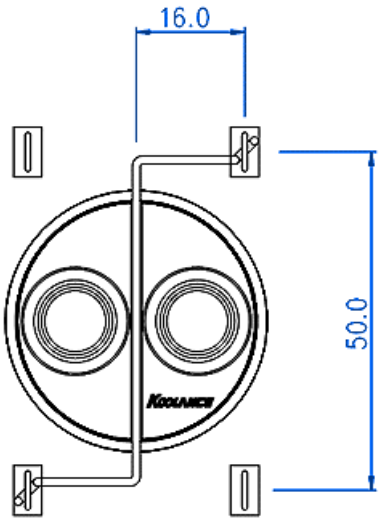
On certain motherboards, the CHC-120 may conflict with PCI-Express cards if placed on a southbridge chipset (due to the fittings). The CHC-120-V06 is instead recommended.

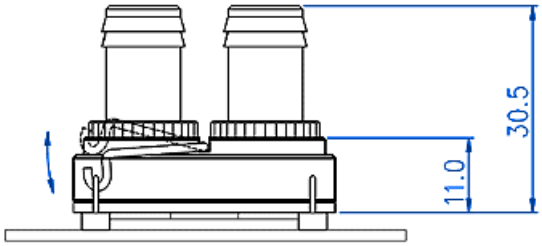
General	
Weight	0.80 lb (0.36 kg)
Wetted Materials	Gold-Plated Copper, Nickel-Plated Aluminum

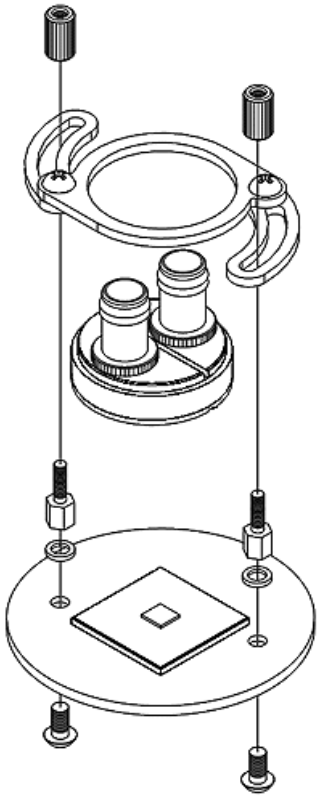


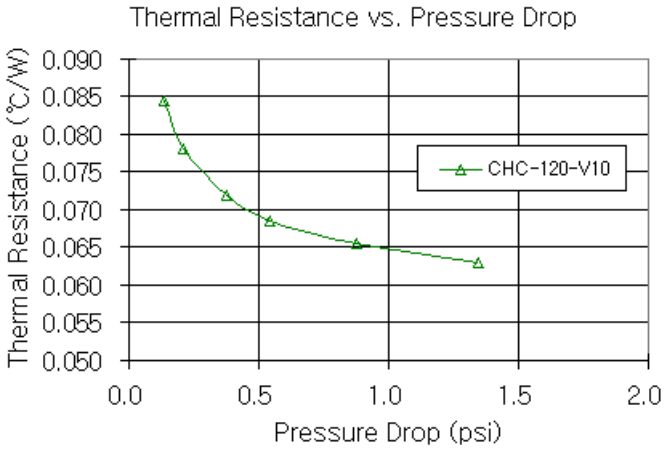


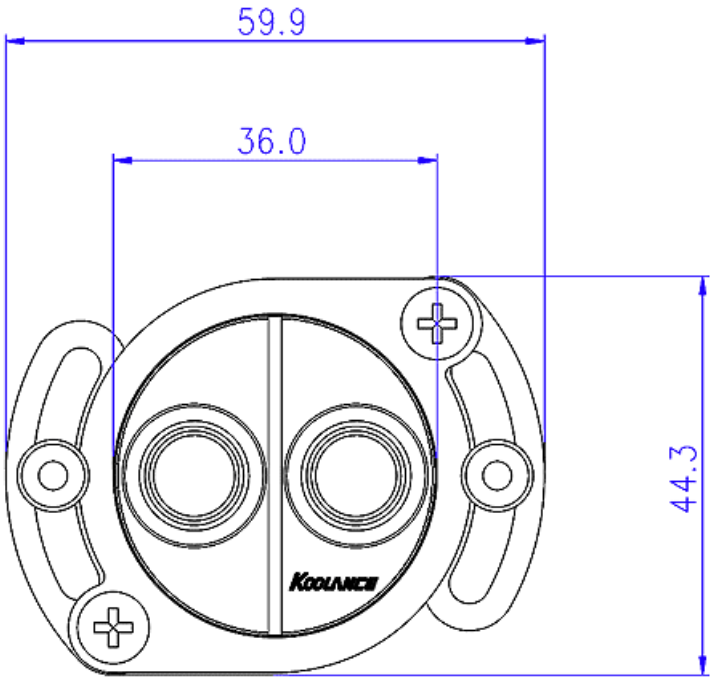

49.4
Min=7.5
Max=15.5

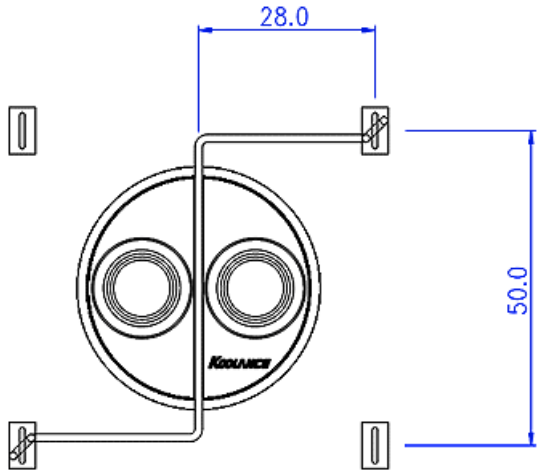

16.0
50.0

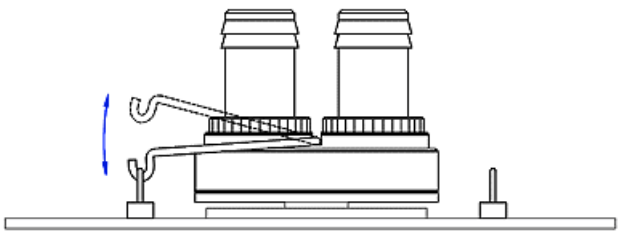

30.5
11.0

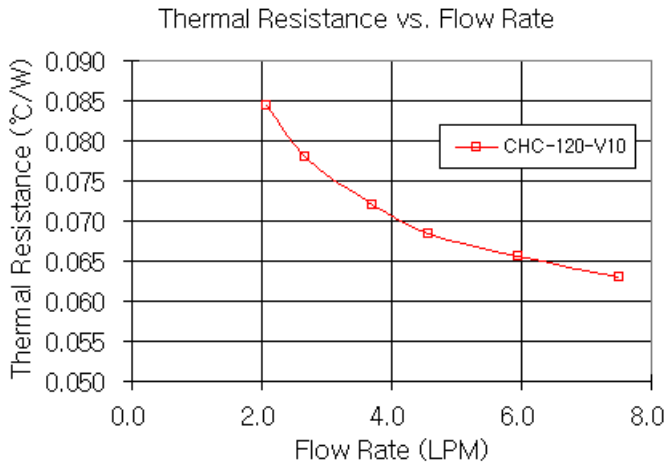


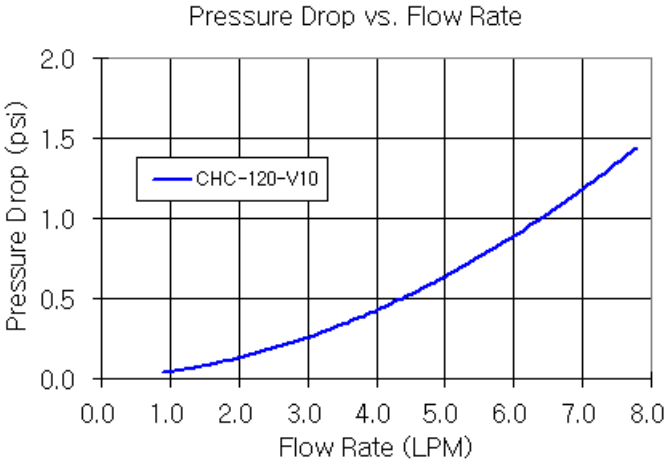

Thermal Resistance vs. Pressure Drop
Thermal Resistance (℃/W)
0.090
0.085
0.080
0.075
0.070
0.065
0.060
0.055
0.050
0.0
0.5
1.0
1.5
2.0
Pressure Drop (psi)
CHC-120-V10


59.9
36.0
44.3


28.0
50.0




Thermal Resistance vs. Flow Rate
Thermal Resistance (℃/W)
0.090
0.085
0.080
0.075
0.070
0.065
0.060
0.055
0.050
0.0
2.0
4.0
6.0
8.0
Flow Rate (LPM)
CHC-120-V10


Pressure Drop vs. Flow Rate
Pressure Drop (psi)
2.0
1.5
1.0
0.5
0.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
Flow Rate (LPM)
CHC-120-V10