www.koolance.com

Specifications Sheet

Generated: 2026-10-26

P/N: EX2-755

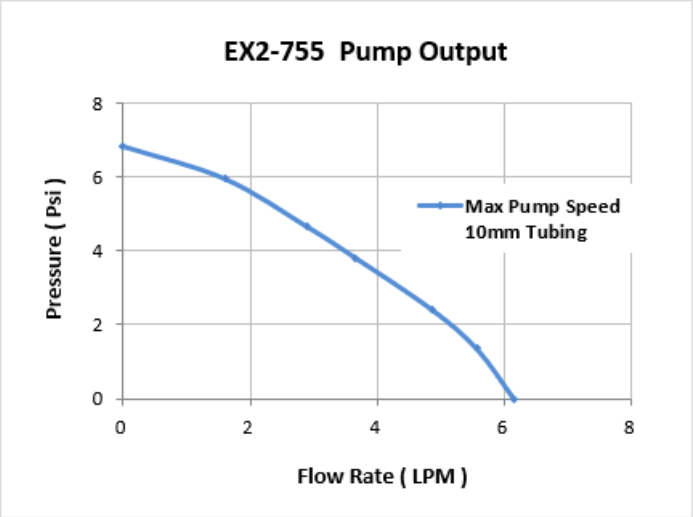
EX2-755 Computer Liquid Cooling System, Rev2.0

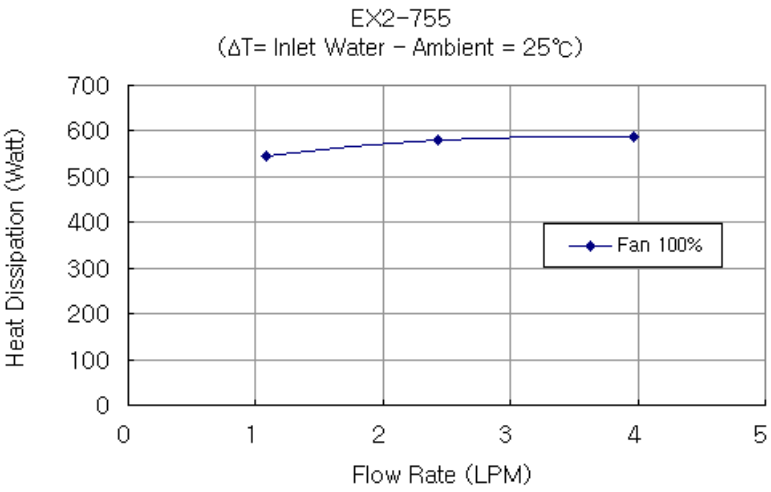


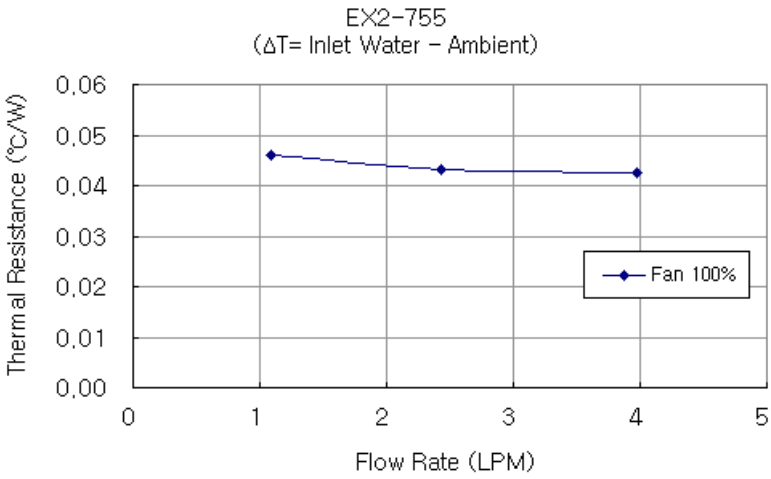
EX2-755 is an ambient liquid cooling system designed with features for computer cooling. This model contains a dual x 120mm fan aluminum radiator, providing roughly 590W of cooling with a 25°C ambient delta. Just add tubing, fittings, coolant, and connect to your cold plate(s).

- Cooling capacity: 590W (2013BTU/hr) with 25°C liquid-ambient delta @ 6LPM
- Radiator fan speed: automatic based on temperature, or 10 manual levels
- Pump: 10 manual speed levels, up to 6LPM (1.6GPM)
- Adjust audio alarm based on 3 included temperature sensors
- Relay trigger can be configured as NO or NC and adjusted based on temperature
- Power input: 12VDC (via computer Molex plug), or 110/220VAC with separate adapter
- Reservoir capacity: 157ml (5.3 fl oz)
- G 1/4 BSPP threads on back for fittings

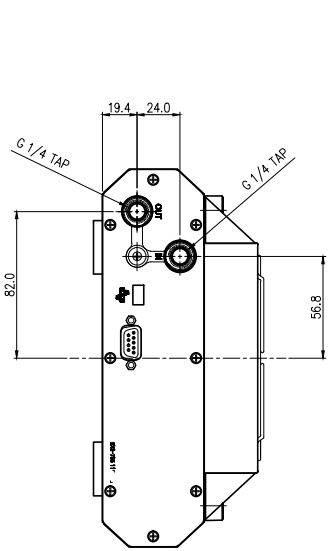
General	
Weight	8.00 lb (3.63 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	2kgf/cm2 (28.5psi)
Max Temperature Tolerance	60°C (140°F)
Min Temperature Tolerance (*No Freezing)	-20°C (-4°F)
Noise (dBA)	34-46
Cooling Systems	
Cooling Capacity	590W (2013BTU/hr) @ 25°C liquid-ambient (25°C dT)
Display Type	LED
Max Flow Rate (10-13mm ID)	6LPM (1.6GPM)
Max Power Consumption	21W
Max Static Pressure (10-13mm ID)	0.5kgf/cm2 (6.8psi)
Power Source	12 VDC (110/220 VAC with Separate Adapter)
Radiator	Aluminum, 2 x 120mm fans
Temperature Sensors	10K Thermistors

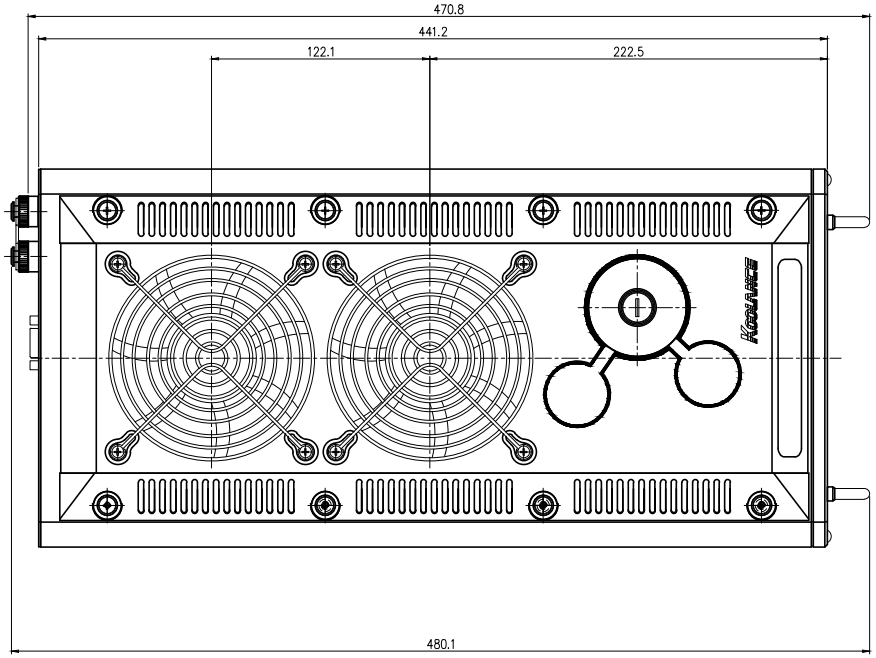

EX2-755 Pump Output
Pressure (Psi)
Flow Rate (LPM)
Max Pump Speed
10mm Tubing
0
2
4
6
8

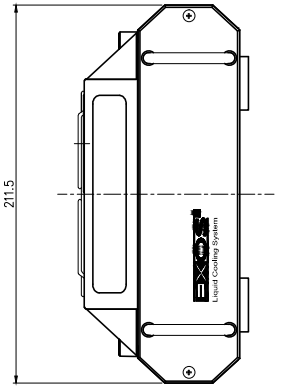

EX2-755
(ΔT= Inlet Water - Ambient = 25℃)
Heat Dissipation (Watt)
Flow Rate (LPM)
Fan 100%
0
100
200
300
400
500
600
700
0
1
2
3
4
5

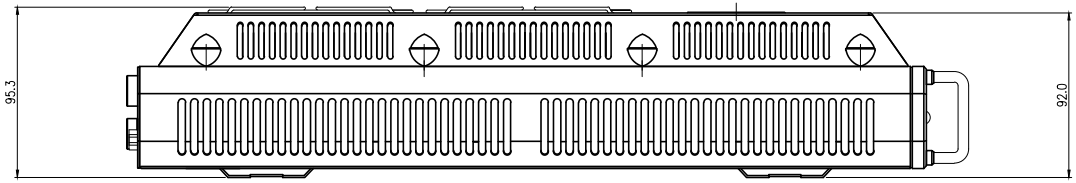

EX2-755
(ΔT= Inlet Water - Ambient)
Thermal Resistance (℃/W)
Flow Rate (LPM)
Fan 100%
0,00
0,01
0,02
0,03
0,04
0,05
0,06
0
1
2
3
4
5

File









NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE INC.		UNIT MM	ITEM EX2-755	
	BY / BY / BY / APPRO BY	SCALE N/S	TITLE Ass'y	
DATE		3RD ANGLE		
	S.J.LEE	CODE NO.	DWG. NO.	PAGE