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Specifications Sheet

Generated: 2026-11-02

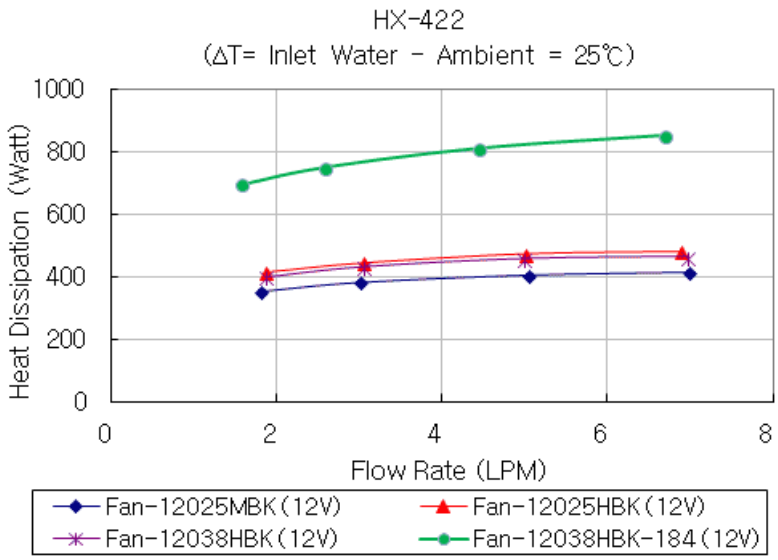
P/N: HX-422

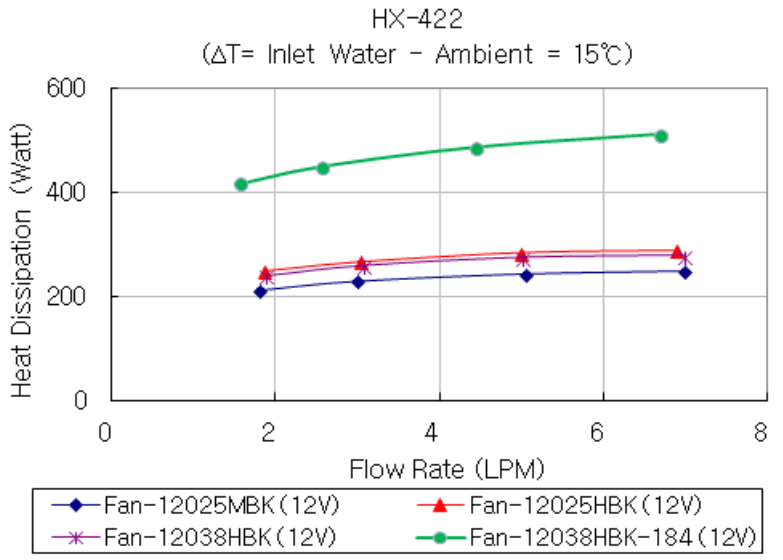
Radiator, 1x120mm 18-FPI Aluminum

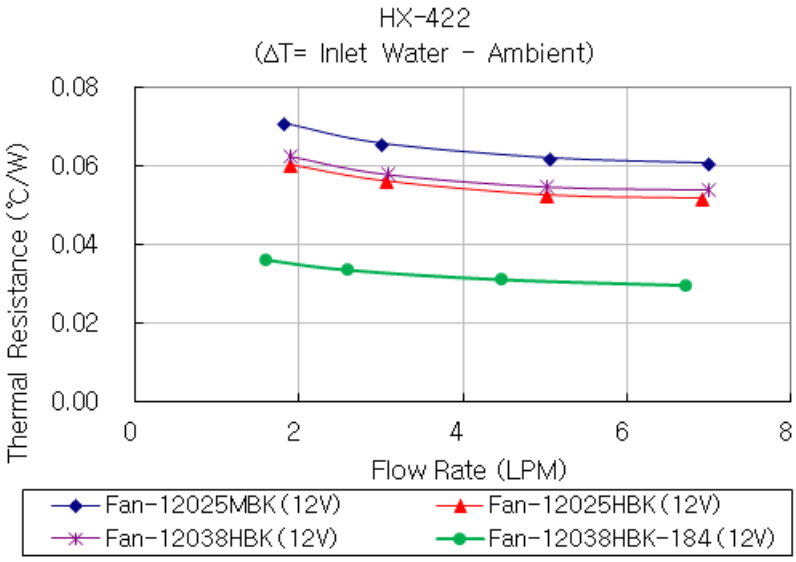


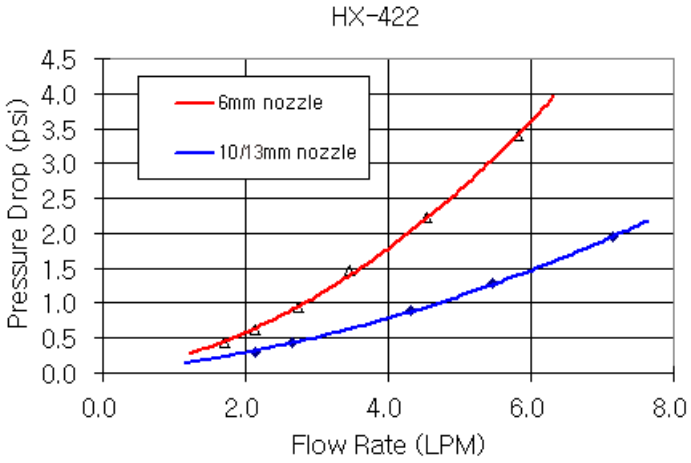
HX-422 is a low profile aluminum radiator designed for one 120mm fan. With a fin density of 18 FPI (fins per inch), it is optimized for quieter air flow ranges. It has a dual pass coolant design, and is G 1/4 BSPP (parallel) thread for hose fittings. 30mm (1.18") long mounting screws are included for 25mm thick fans (see Koolance radiator screw packs for additional options).

General	
Weight	1.25 lb (0.57 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	20kgf/cm2 (284.5psi)
Max Temperature Tolerance	200°C (392°F)
Wetted Materials	Aluminum
Radiators	
Fan Capacity	1 x 120mm
Fins Per Inch (FPI)	18

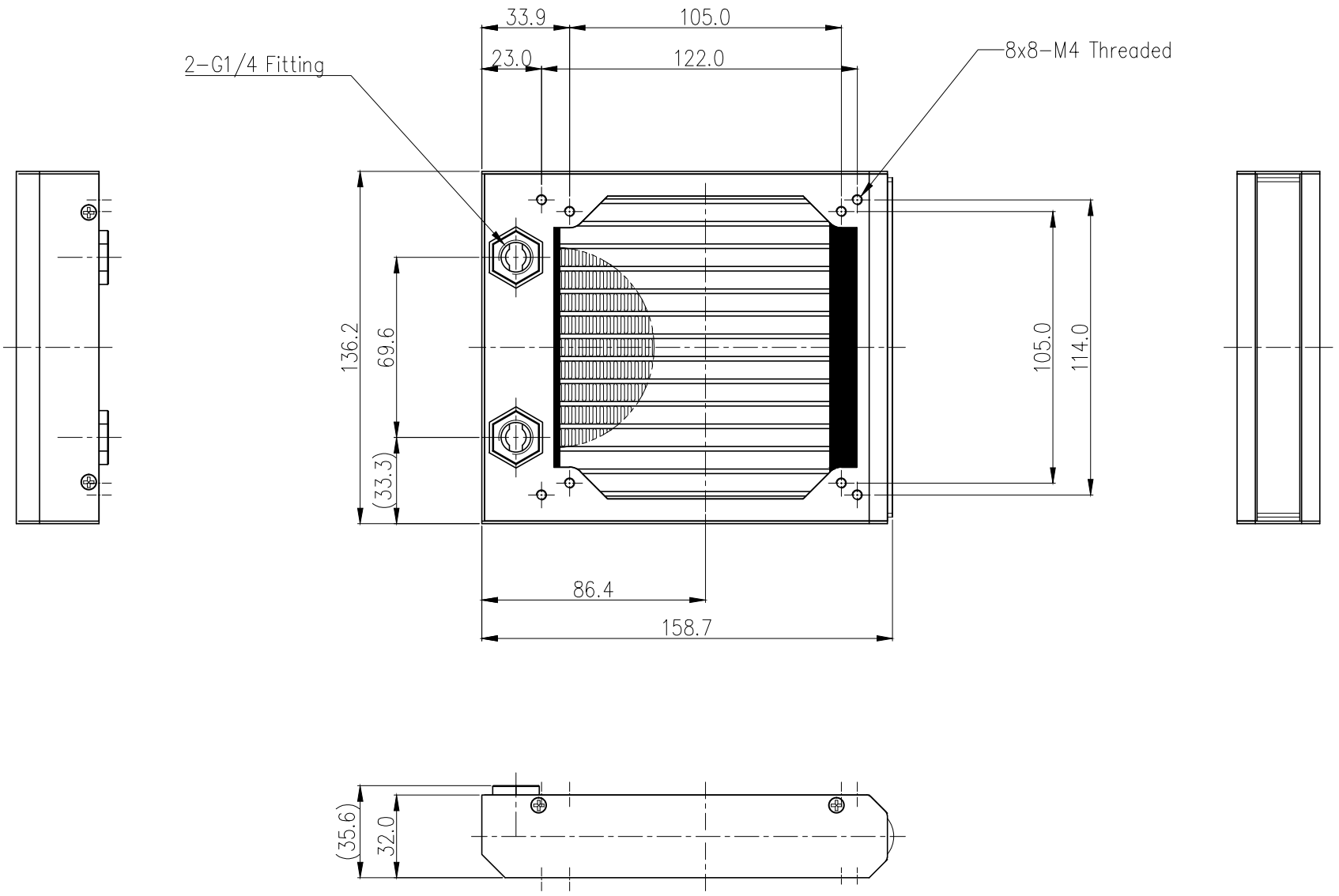



HX-422
(ΔT= Inlet Water - Ambient = 15℃)
Heat Dissipation (Watt)
600
400
200
0
0
2
4
6
8
Flow Rate (LPM)
Fan-12025MBK(12V)
Fan-12025HBK(12V)
Fan-12038HBK(12V)
Fan-12038HBK-184(12V)


HX-422
(ΔT= Inlet Water - Ambient)
Thermal Resistance (℃/W)
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
Flow Rate (LPM)
Fan-12025MBK(12V)
Fan-12025HBK(12V)
Fan-12038HBK(12V)
Fan-12038HBK-184(12V)


HX-422
Pressure Drop (psi)
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.0
2.0
4.0
6.0
8.0
Flow Rate (LPM)
6mm nozzle
10/13mm nozzle

File



NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE INC.		UNIT MM	ITEM HX-422	
	BY / BY / BY / APPRD BY	SCALE N/S	TITLE Ass'y	
DATE		3RD ANGLE		
	S.J.LEE	CODE NO.	DWG. NO.	PAGE