www.koolance.com

Specifications Sheet

Generated: 2026-11-10

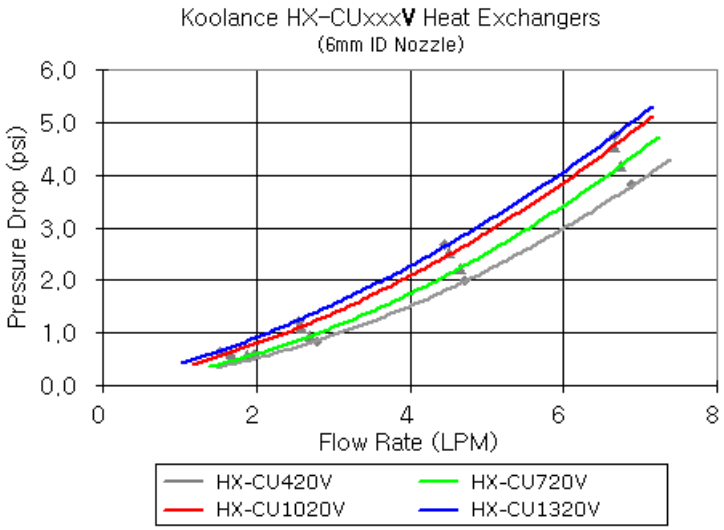
P/N: HX-CU1320V

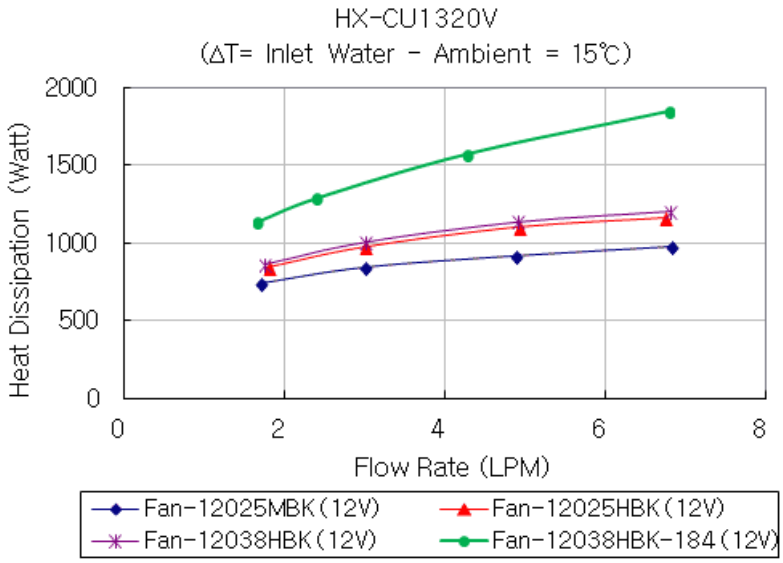
Radiator, 4x120mm 30-FPI Copper

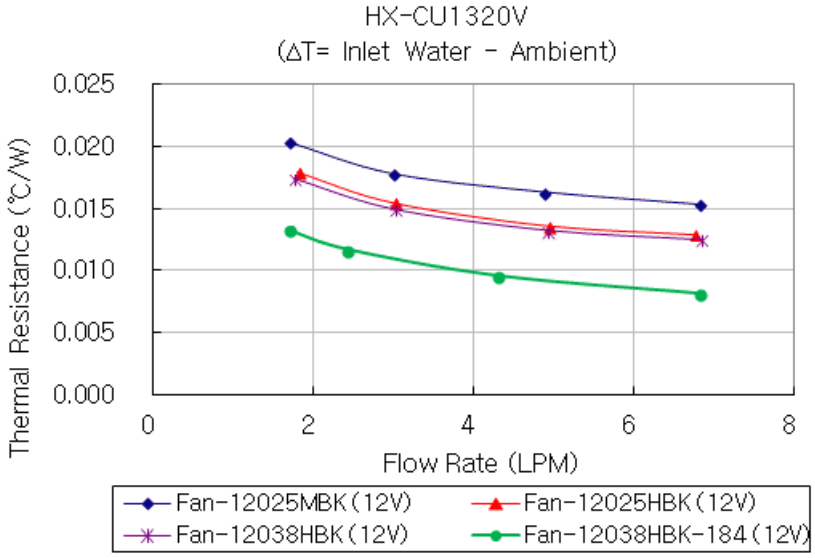


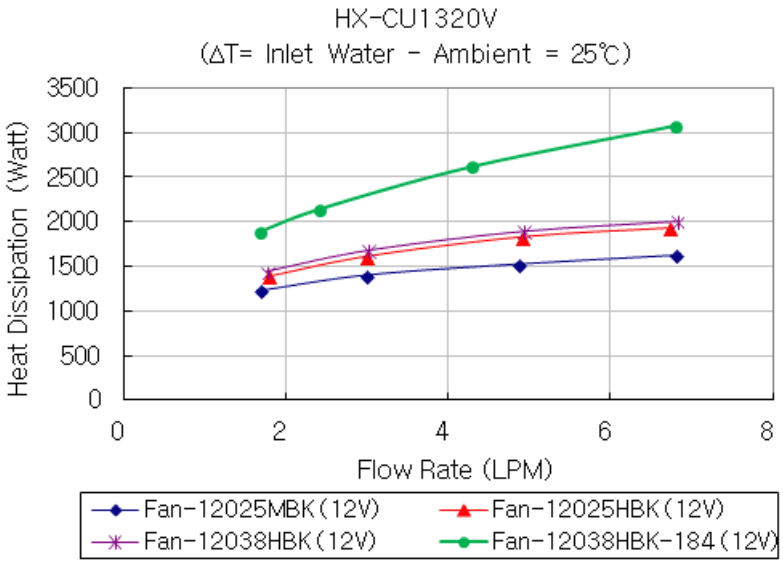
HX-CU1320V is a low profile copper core radiator designed for four 120mm fans. With a fin density of 30 FPI (fins per inch), it offers best performance with higher air flow. It has a dual pass coolant design, and is G 1/4 BSPP (parallel) thread for hose fittings. 30mm (1.18") long mounting screws are included for 25mm thick fans (see Koolance radiator screw packs for additional options).

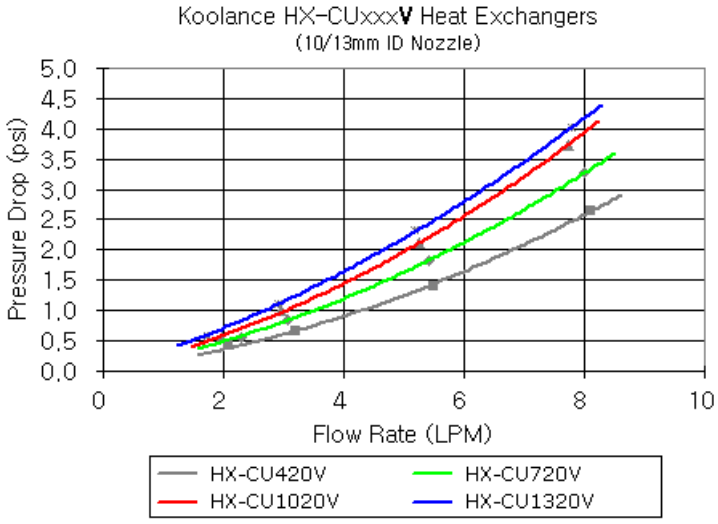
General	
Weight	2.70 lb (1.22 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	1.5kgf/cm2 (21psi)
Max Temperature Tolerance	150°C (302°F)
Wetted Materials	Brass/Copper
Radiators	
Fan Capacity	4 x 120mm
Fins Per Inch (FPI)	30



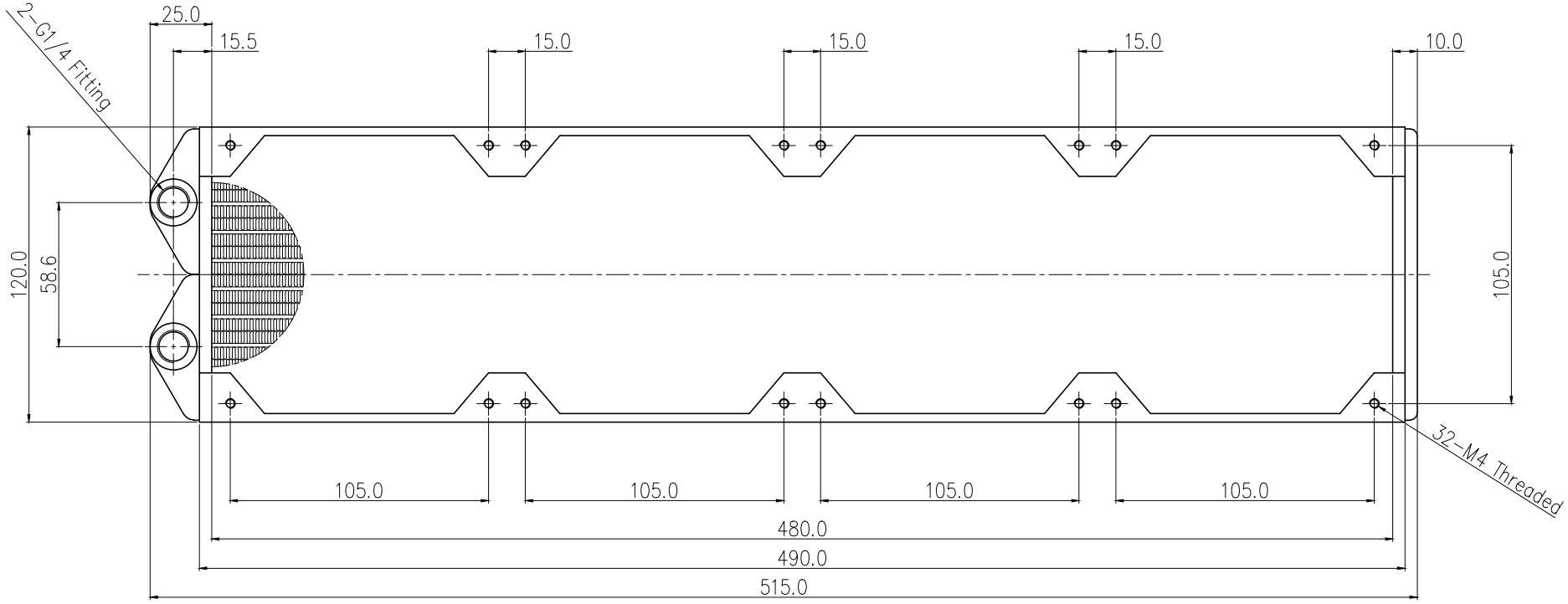

HX-CU1320V
(ΔT= Inlet Water - Ambient = 15℃)
Heat Dissipation (Watt)
2000
1500
1000
500
0
0
2
4
6
8
Flow Rate (LPM)
Fan-12025MBK(12V)
Fan-12025HBK(12V)
Fan-12038HBK(12V)
Fan-12038HBK-184(12V)

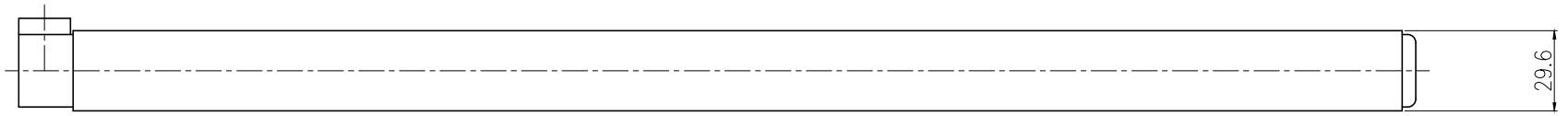

HX-CU1320V
(ΔT= Inlet Water - Ambient)
Thermal Resistance (℃/W)
0.025
0.020
0.015
0.010
0.005
0.000
0
2
4
6
8
Flow Rate (LPM)
Fan-12025MBK(12V)
Fan-12025HBK(12V)
Fan-12038HBK(12V)
Fan-12038HBK-184(12V)


HX-CU1320V
(ΔT= Inlet Water - Ambient = 25℃)
Heat Dissipation (Watt)
3500
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
Flow Rate (LPM)
Fan-12025MBK(12V)
Fan-12025HBK(12V)
Fan-12038HBK(12V)
Fan-12038HBK-184(12V)


Koolance HX-CUxxxV Heat Exchangers
(10/13mm ID Nozzle)
Pressure Drop (psi)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
Flow Rate (LPM)
HX-CU420V
HX-CU720V
HX-CU1020V
HX-CU1320V

File





NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE®		UNIT MM	ITEM HX-CU1320V	
	BY BY BY APPRD BY	SCALE N/S	TITLE Ass'y	
DATE		3RD ANGLE		
	S.J.LEE	CODE NO.	DWG. NO.	PAGE

REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

REVISION