www.koolance.com

Specifications Sheet

Generated: 2026-11-20

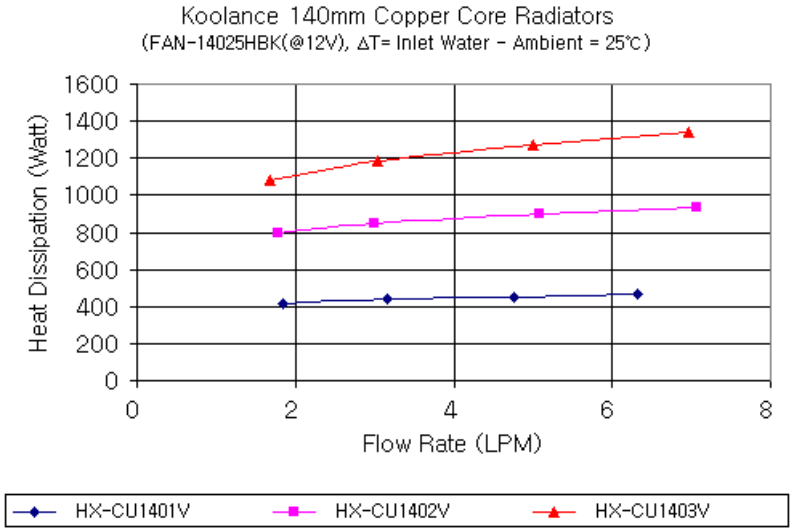
P/N: HX-CU1402V

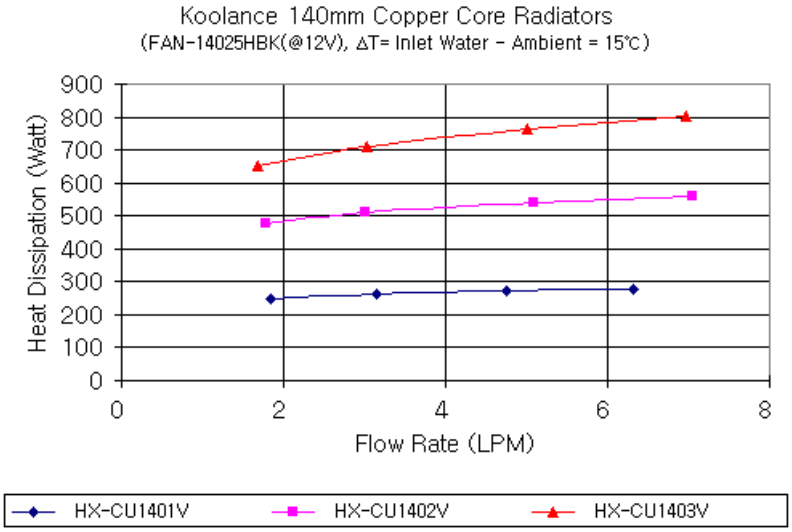
Radiator, 2x140mm 30-FPI Copper

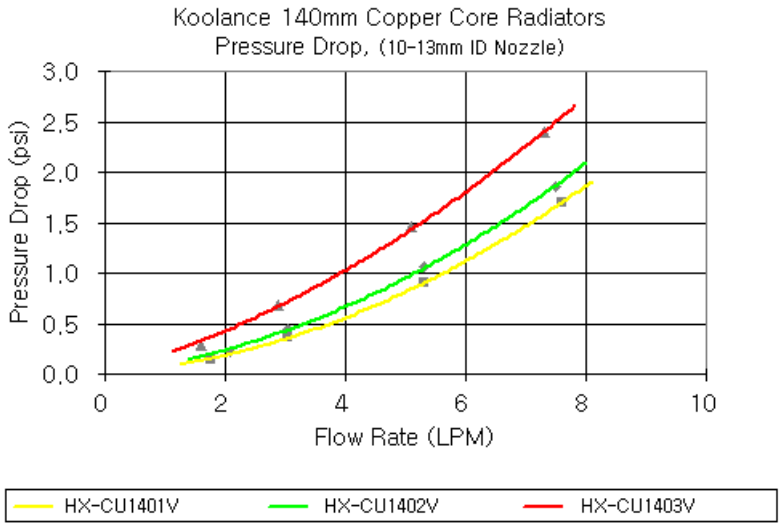


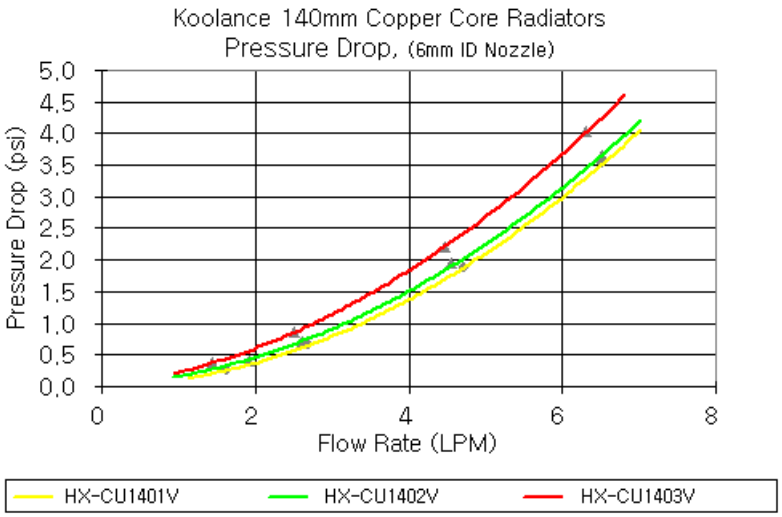
HX-CU1402V is a low profile copper core radiator designed for two 140mm fans. With a fin density of 30 FPI (fins per inch), it offers best performance with higher air flow. It has a dual pass coolant design, and is G 1/4 BSPP (parallel) thread for hose fittings. 30mm (1.18") long mounting screws are included for 25mm thick fans (see Koolance radiator screw packs for additional options).

General	
Weight	1.60 lb (0.73 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	2 x 140mm
Fins Per Inch (FPI)	30

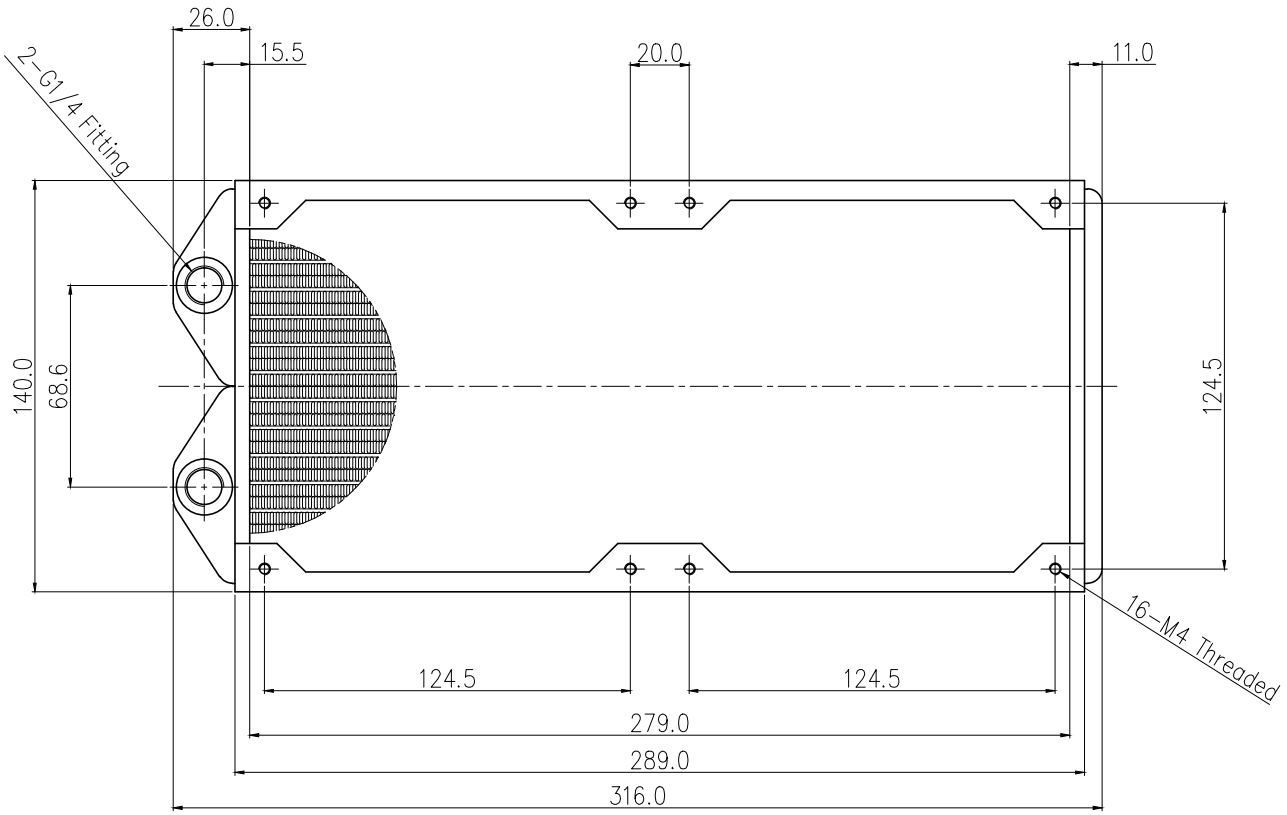


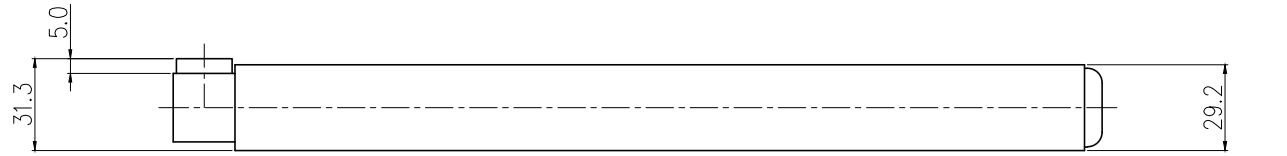

Koolance 140mm Copper Core Radiators
(FAN-14025HBK(@12V), ΔT= Inlet Water - Ambient = 15℃)
Heat Dissipation (Watt)
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
Flow Rate (LPM)
HX-CU1401V
HX-CU1402V
HX-CU1403V


Koolance 140mm Copper Core Radiators
Pressure Drop, (10-13mm ID Nozzle)
Pressure Drop (psi)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
Flow Rate (LPM)
HX-CU1401V
HX-CU1402V
HX-CU1403V


Koolance 140mm Copper Core Radiators
Pressure Drop, (6mm 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
Flow Rate (LPM)
HX-CU1401V
HX-CU1402V
HX-CU1403V

File





NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE		UNIT MM	ITEM HX-CU1402V	
	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