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Specifications Sheet

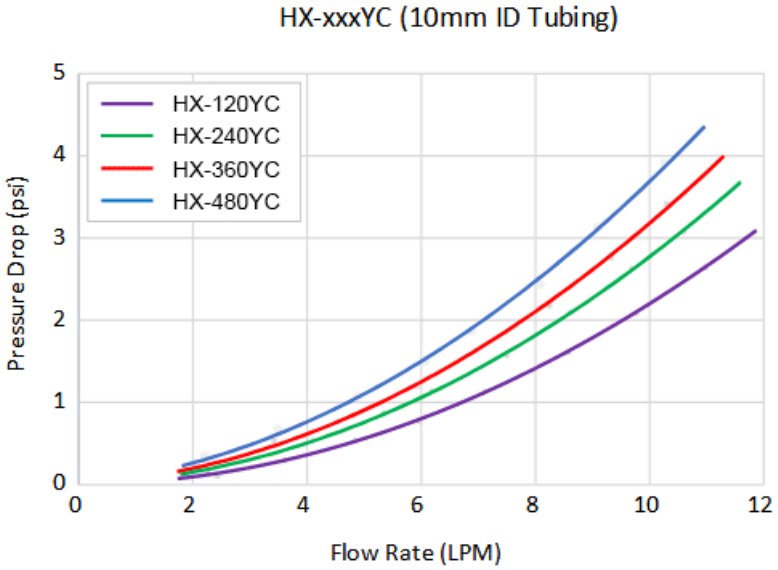
Generated: 2026-06-02

P/N: HX-480YC

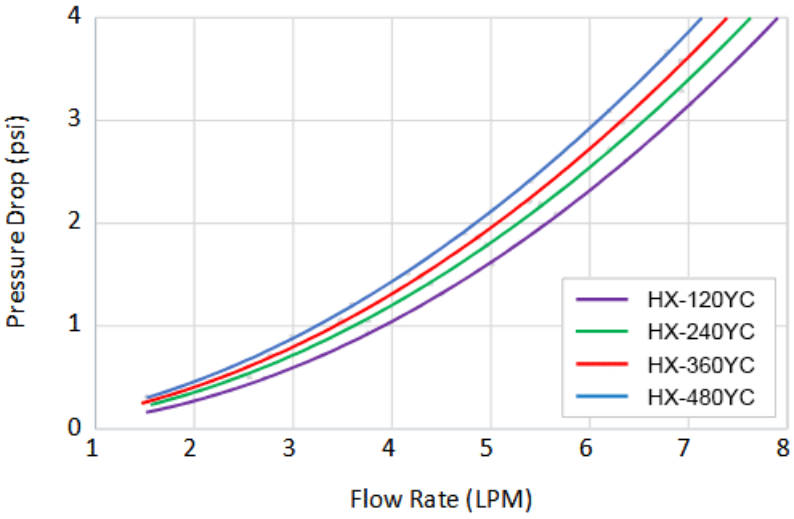
Radiator, 4x120mm Fans, 34mm Thick, 17-FPI Copper

HX-480YC is a medium thickness (34mm, 1.3in) copper core radiator with a fin density of 17 FPI (fins per inch) and dual pass coolant design. Redundant G 1/4 BSPP parallel fitting ports allow for alternate tubing orientations, splitting, or convenient temperature sensor locations. 32mm (1.26") and 8mm (0.3") long screws are included, along with two G 1/4 plugs. See Koolance radiator screw packs for additional fan mounting options.

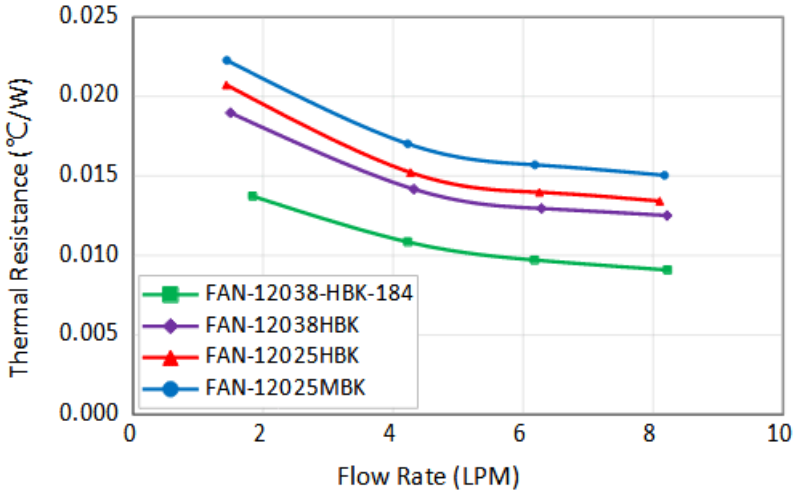
General	
Weight	2.20 lb (1.00 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	2kgf/cm2 (28.5psi)
Max Temperature Tolerance	150°C (302°F)
Wetted Materials	Brass/Copper
Radiators	
Fan Capacity	4 x 120mm
Fins Per Inch (FPI)	17



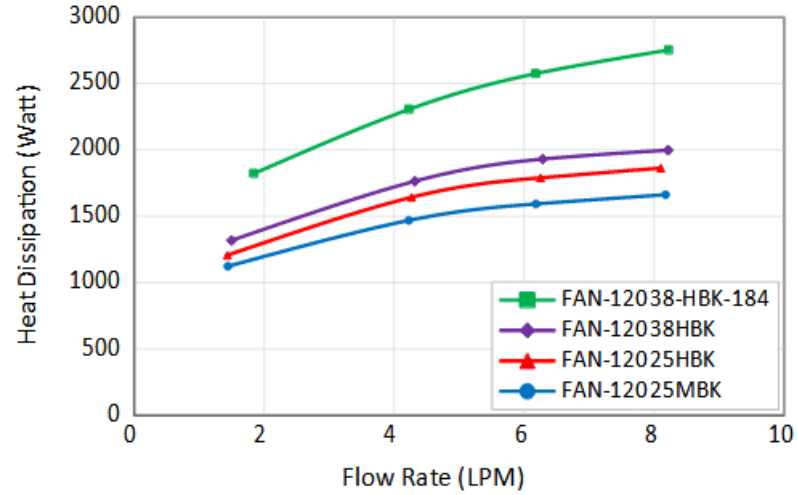
HX-xxxYC (6mm ID Tubing)

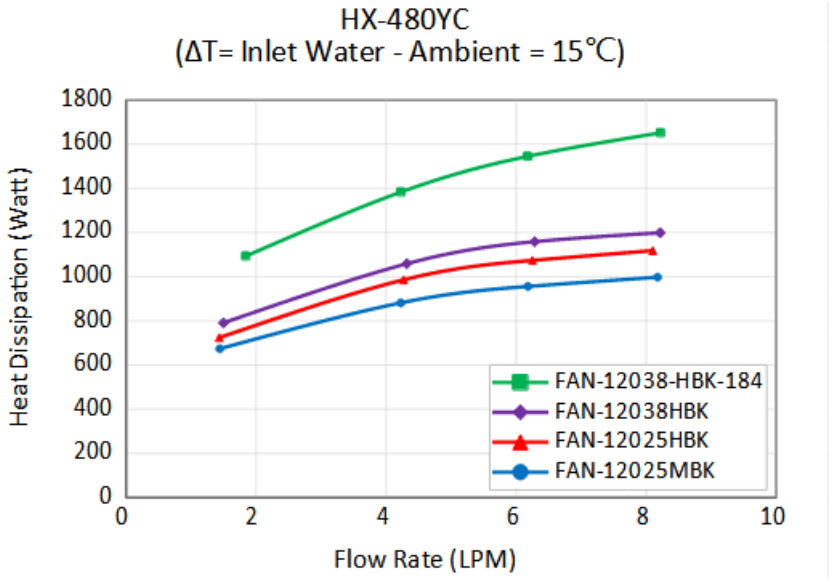


HX-480YC
(ΔT= Inlet Water - Ambient)

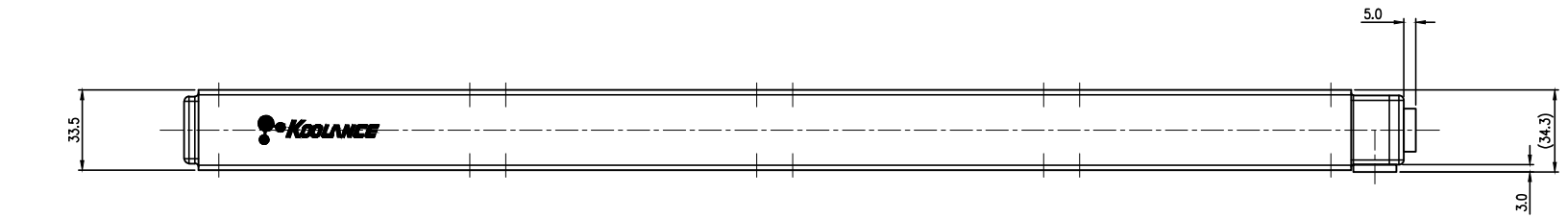


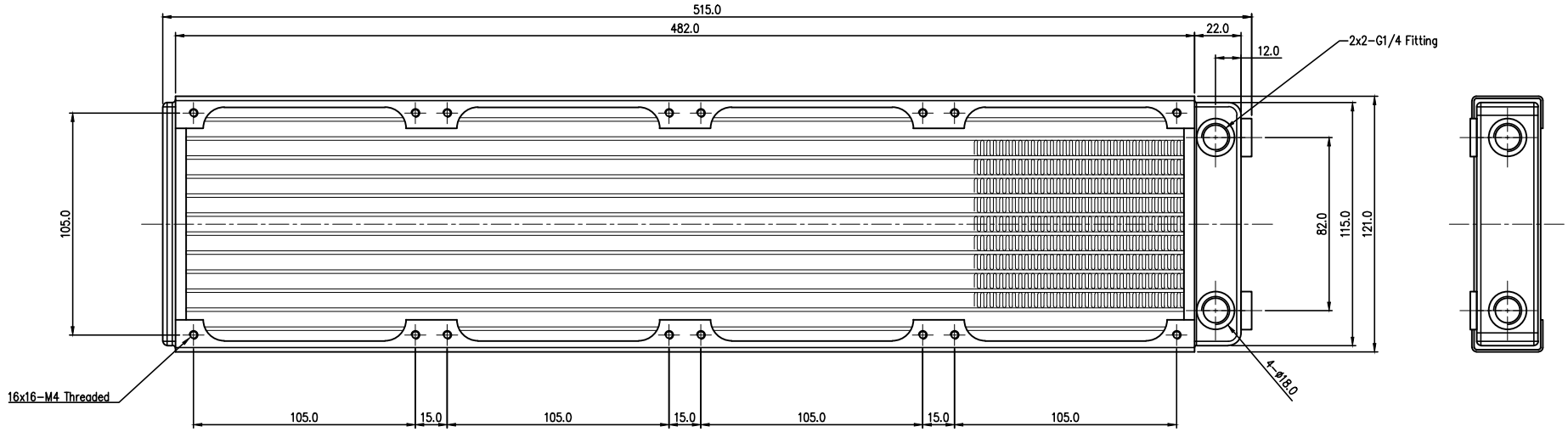
HX-480YC
(ΔT= Inlet Water - Ambient = 25℃)




HX-480YC
(ΔT= Inlet Water - Ambient = 15℃)
Heat Dissipation (Watt)
1800
1600
1400
1200
1000
800
600
400
200
0
0
2
4
6
8
10
Flow Rate (LPM)
FAN-12038-HBK-184
FAN-12038HBK
FAN-12025HBK
FAN-12025MBK

File





NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE		UNIT (MM)	ITEM HX-480YC	
	BY BY BY APPRD BY	SCALE N/S	TITLE Ass'y	
DATE		3RD ANGLE		
02.08.2023	S.J.LEE	CODE NO.	DWG. NO.	PAGE