www.koolance.com

Specifications Sheet

Generated: 2026-11-20

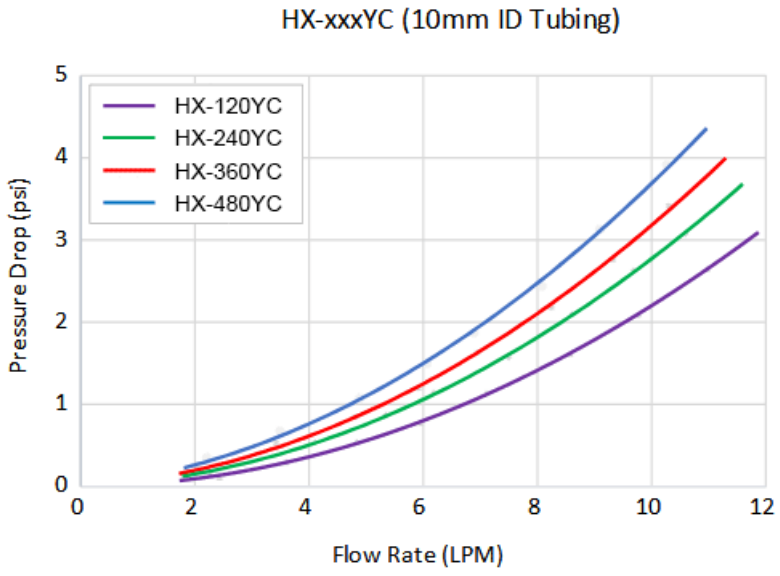
P/N: HX-120YC

Radiator, 1x120mm Fans, 34mm Thick, 17-FPI Copper

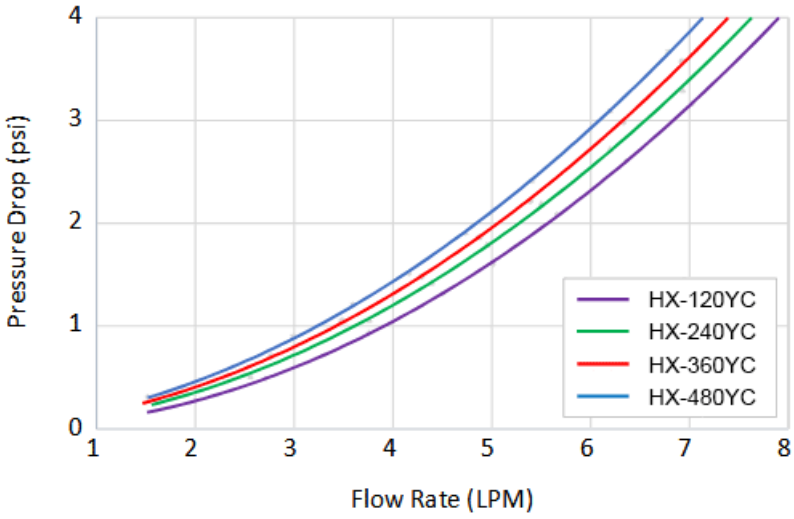


HX-120YC is a medium thickness (34mm, 1.3in) copper core radiator with a fin density of 17 FPI (fins per inch) and dual pass coolant design. Redundant G 1/4 BSPP parallel fitting ports allow for alternate tubing orientations, splitting, or convenient temperature sensor locations. 32mm (1.26") and 8mm (0.3") long screws are included, along with two G 1/4 plugs. See Koolance radiator screw packs for additional fan mounting options.

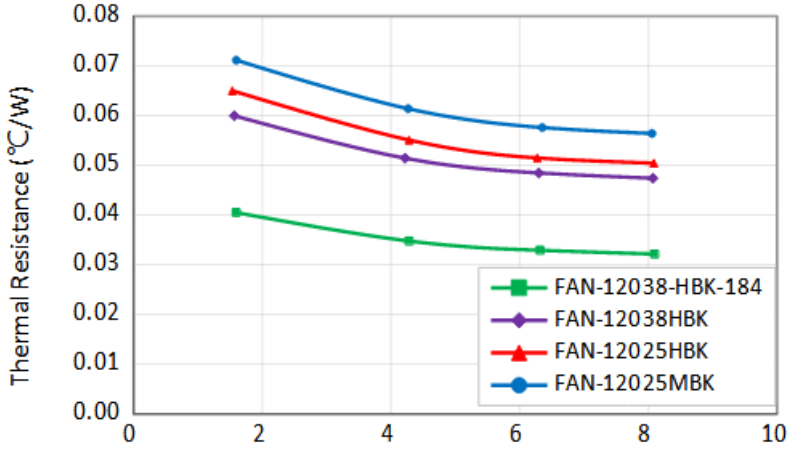
General	
Weight	0.88 lb (0.40 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	2kgf/cm2 (28.5psi)
Max Temperature Tolerance	150°C (302°F)
Wetted Materials	Brass/Copper
Radiators	
Fan Capacity	1 x 120mm
Fins Per Inch (FPI)	17



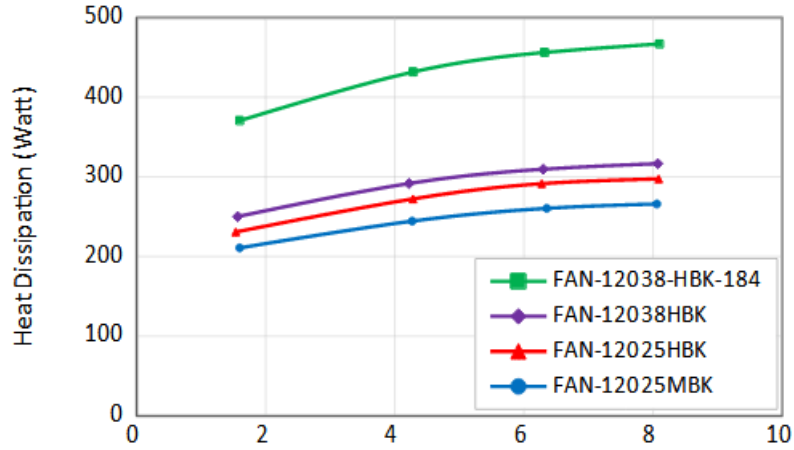
HX-xxxYC (6mm ID Tubing)

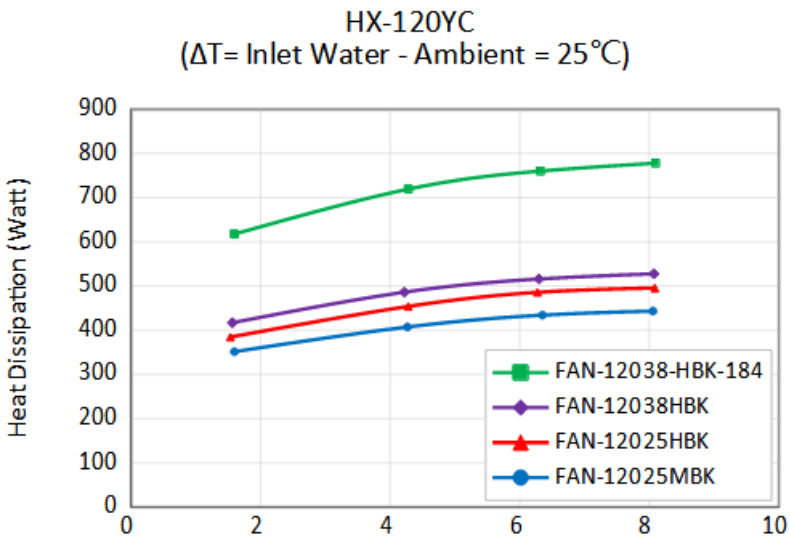


HX-120YC
(ΔT= Inlet Water - Ambient)

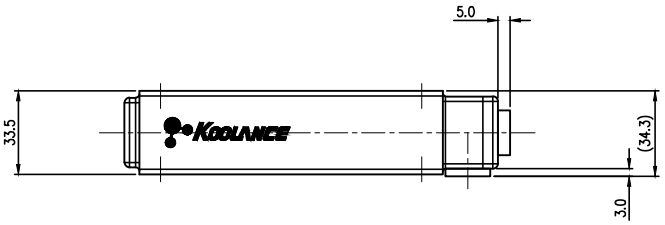


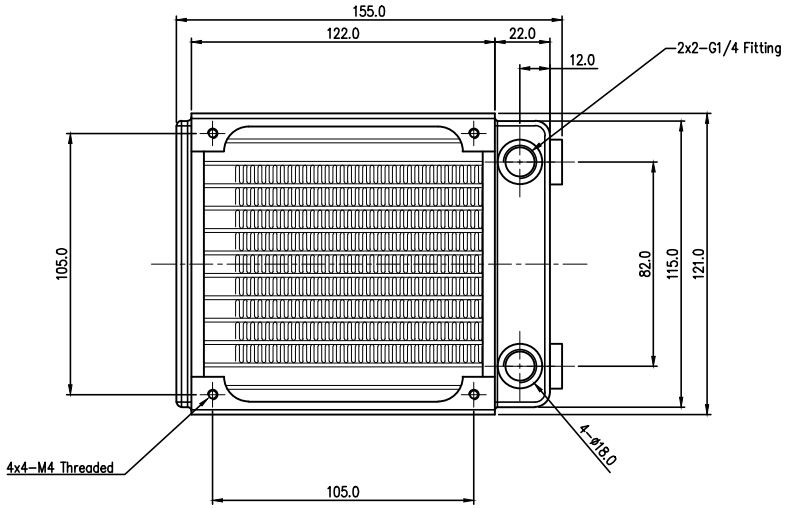
HX-120YC
(ΔT= Inlet Water - Ambient = 15℃)

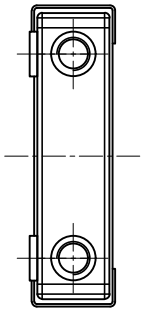



HX-120YC
(ΔT= Inlet Water - Ambient = 25℃)
Heat Dissipation (Watt)
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
FAN-12038-HBK-184
FAN-12038HBK
FAN-12025HBK
FAN-12025MBK

File







NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE		UNIT MM	ITEM HX-120YC	
	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