KOOLANCE®

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Specifications Sheet

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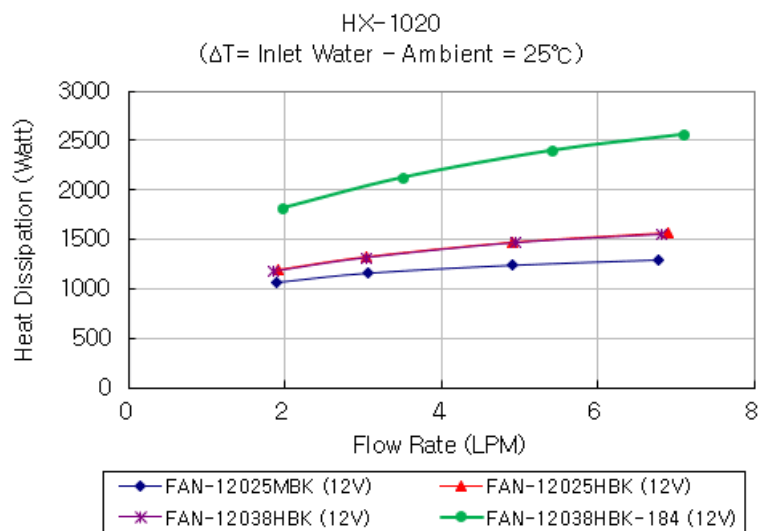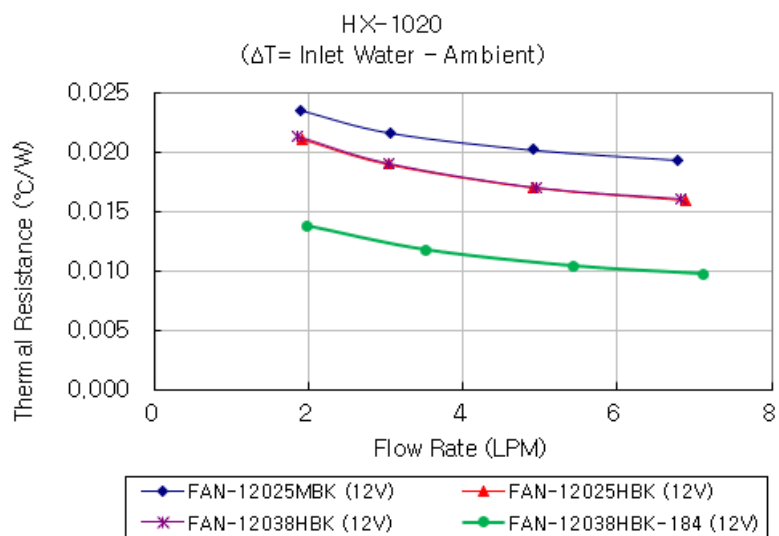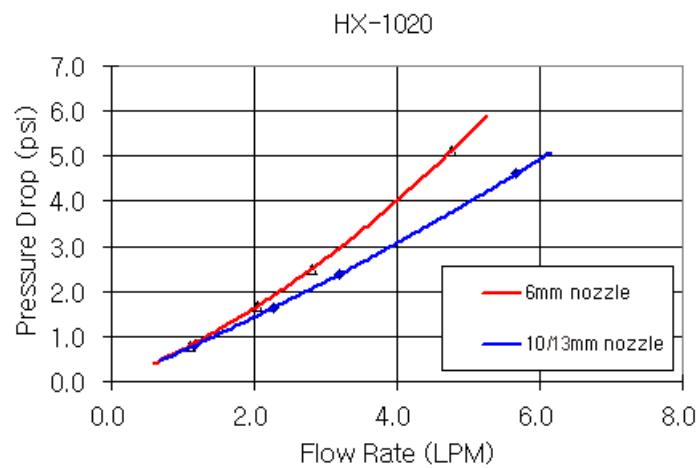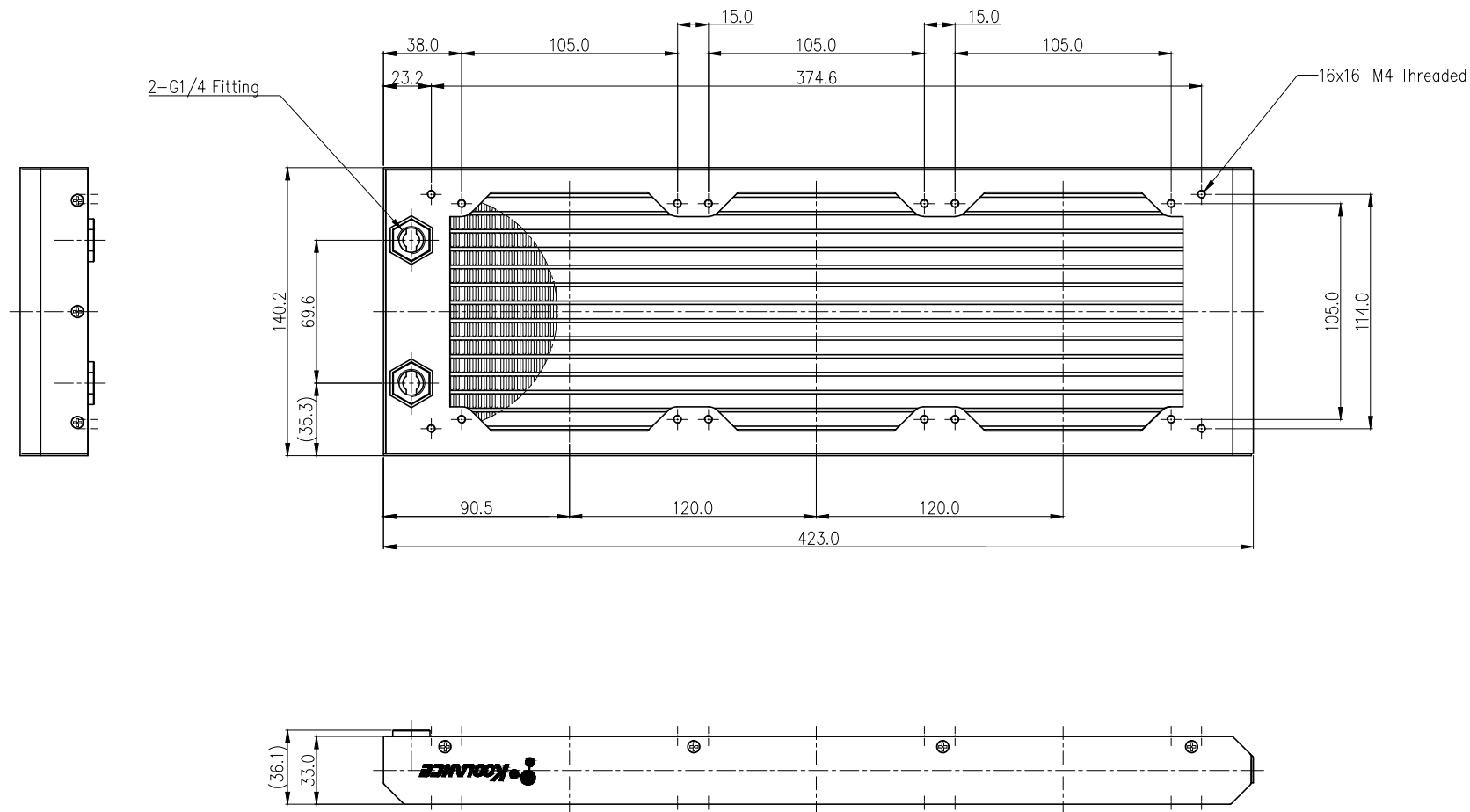## Radiator, 3x120mm 18-FPI Aluminum

RoHS REACH

HX-1020 is a low profile aluminum radiator designed for three 120mm fans. With a fin density of 18 FPI (fins per inch), it is optimized for quieter air flow ranges, but will readily benefit from high CFM fans. It has a dual pass coolant design, with G 1/4 BSPP (parallel) threads for tube fittings. 30mm (1.18") long mounting screws are included for 25mm thick fans (see Koolance radiator screw packs for additional options).

General	
Weight	3.25 lb (1.47 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	3 x 120mm
Fins Per Inch (FPI)	18

HX-1020
(ΔT= Inlet Water − Ambient = 15℃)

Heat Dissipation (Watt) vs Flow Rate (LPM)

- FAN-12025MBK (12V)
- FAN-12025HBK (12V)
- FAN-12038HBK (12V)
- FAN-12038HBK-184 (12V)

HX-1020

HX-1020
(ΔT= Inlet Water − Ambient)

FAN-12025MBK (12V)   FAN-12025HBK (12V)
FAN-12038HBK (12V)   FAN-12038HBK-184 (12V)

HX-1020
(ΔT= Inlet Water − Ambient = 25℃)

FAN-12025MBK (12V)   FAN-12025HBK (12V)
FAN-12038HBK (12V)   FAN-12038HBK-184 (12V)

2-G1/4 Fitting

16x16-M4 Threaded

38.0
23.2
105.0
15.0
105.0
15.0
105.0
374.6

140.2
69.6
(35.3)
105.0
114.0

90.5
120.0
120.0
423.0

(36.1)
33.0

KOOLANCE inc.

NO.	DESCRIPTION				MATER'L		QUANTITY	REMARKS
					UNIT	MM	ITEM HX-1020	
	BY	BY	BY	APPRD BY	SCALE	N/S	TITLE	
DATE					3RD ANGLE		Ass'y	
	S.J.LEE				CODE NO.		DWG. NO.	PAGE