

**ICM-PC54I, DIY Liquid Cooling Kit for Intel,
54mm Radiator**



Koolance's DIY kit offers enthusiast-level thermal performance with an all-in-one form factor. ICM-PC54I includes the top-rated Koolance CPU-380I (Intel) water block, extra thick copper 30-FPI radiator with dual fans, PMP-300 pump, reservoir, and all necessary fittings and tubing. Simply select your desired coolant bottle (sold separately), and add some assembly. The kit's mounting bracket is adjustable, allowing a full size radiator and pump to fit most computer chassis with a rear 120mm fan location.

Components Included:

- 2 x [FAN-12025MBK](#) 120mm dual ball-bearing fans
- POM Acetal Reservoir
- Mounting bracket and hardware
- 3ft (1m) of 3/8in x 5/8in (10mm x 16mm) PVC tubing
- All necessary fittings (3/8in / 10mm ID barbs with clamps)

- [HX-120XC](#) 30-FPI, 50mm thick, 1x120mm radiator
- [PMP-300](#) pump with PWM harness
- [CPU-380I](#) CPU water block (see product page for compatible sockets)

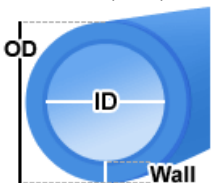
NOTE: A 120mm fan location is required for mounting, normally in the rear of the computer chassis. For some types of chassis and motherboards, there may be other physical conflicts preventing this cooling unit from being mounted within the chassis (such as especially tall VRM heat sinks near the CPU socket). Please see cooling unit's diagram for unit dimensions.

Intended Tubing Size

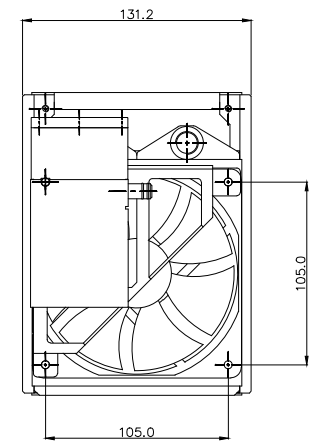
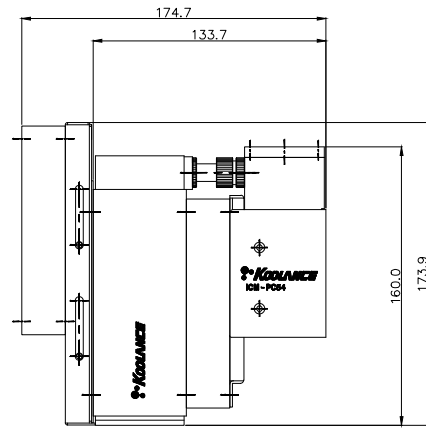
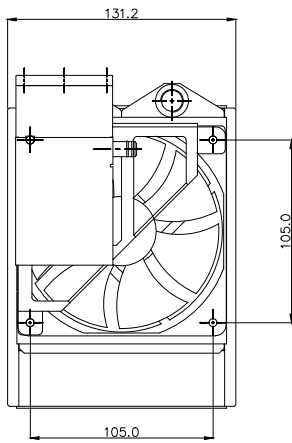
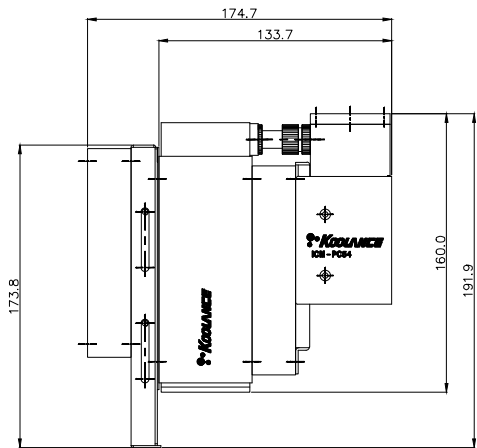
ID: 10mm (3/8")

OD: 16mm (5/8")

Wall: 3mm (1/8")



General	
Weight	6.25 lb (2.83 kg)
Cooling Systems	
Fans	2 x 120mm (90CFM)
Flow Rate	PMP-300
Power Source	12 VDC
Radiator	Brass/Copper



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REVISION					

NO.	DESCRIPTION	MATER'L		QUANTITY	REMARKS
		UNIT	MM		
KOOLANCE INC.		SCALE	N/S	ITEM	DIY Liquid Cooling Kit
DATE	BY	BY	BY	TITLE	ICM-PC54A, PC54I
2013.11.18.	M.J.Lee			REF NO.	DWG. NO.