

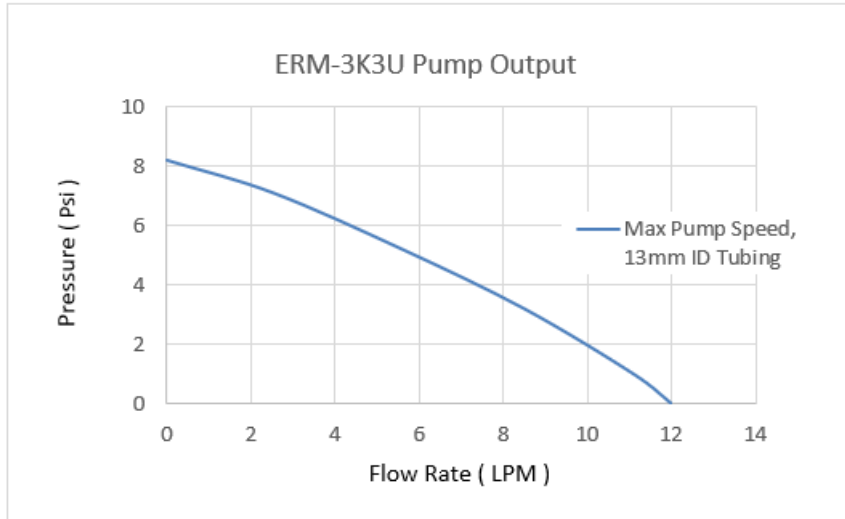
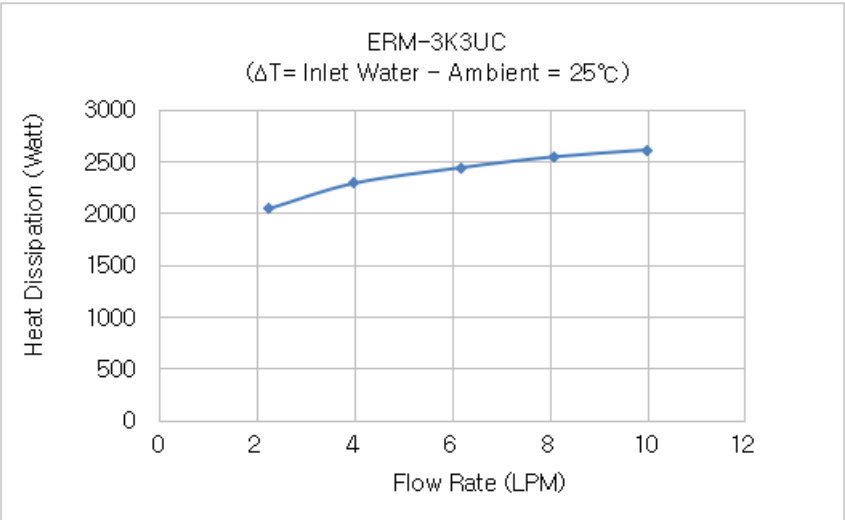
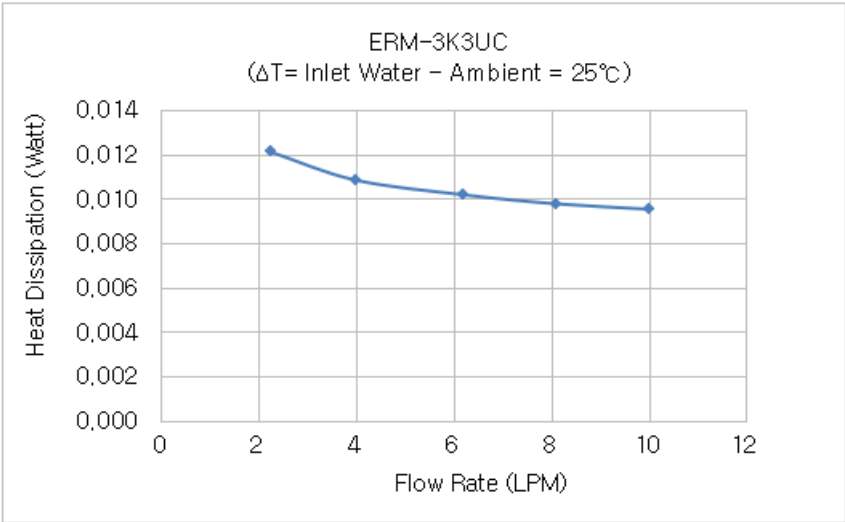


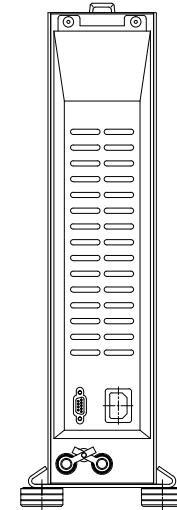
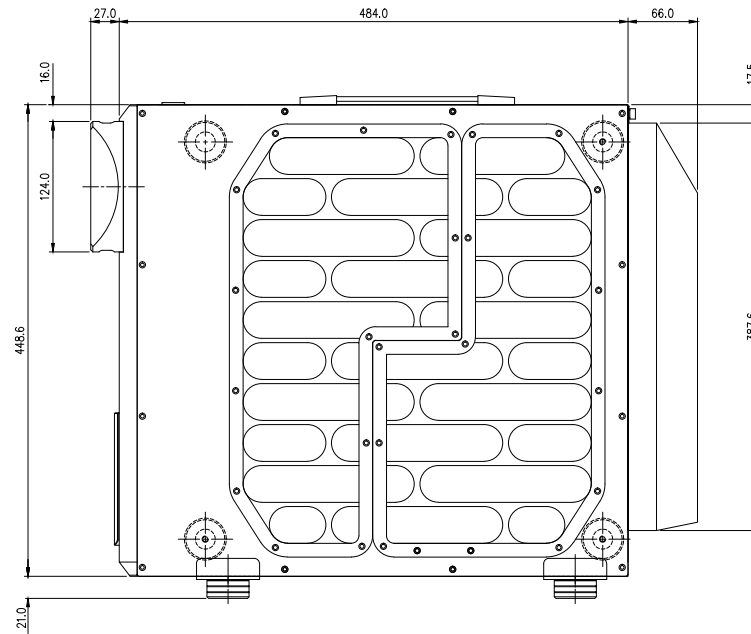
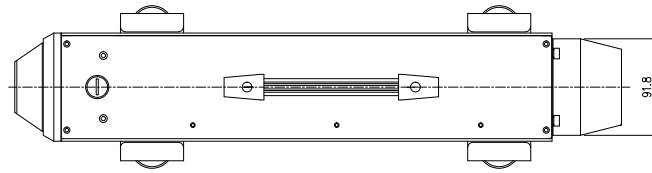
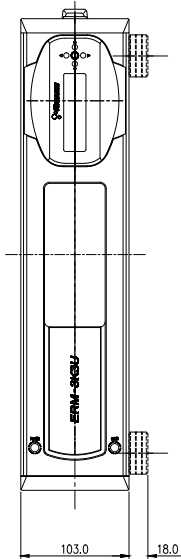
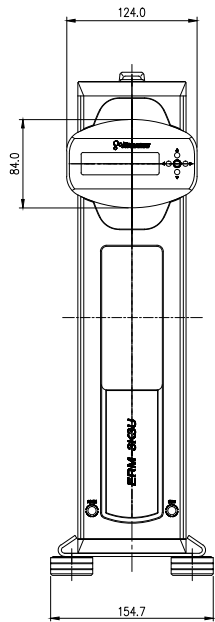
ERM-3K3UC is a rack-mountable or free standing ambient liquid cooling system. This model contains a large nine x 120mm fan copper/brass radiator, providing roughly 2400W of cooling with a 25°C ambient delta. Just add tubing, fittings, [coolant](#), and connect to your cold plate(s).

- Cooling capacity: 2600W (8872BTU/hr) with 25°C liquid-ambient delta @ 10LPM
 - Radiator fan speed: Configure a dynamic fan ramp based on min/max temperature set points, or set manually
 - Pump: 10 manual levels, up to 12LPM (3.2GPM)
 - Show flow rate in LPM or GPM (optional Koolance [flow meter](#) required)
 - Show pump and fan RPM
 - Select only the values you want displayed
 - Adjust alarm and relay trigger independently for all 3 temperature sensors
- Relay trigger can be configured as NO or NC
 - Power input: 110/220VAC, 50-60Hz
 - Can be powered on/off via front switch, computer, or other 12VDC signal
 - Reservoir capacity: 2.5l (0.66gal)
 - G 1/4 BSPP threads on back for fittings

A prominent white LED-lit reservoir displays the coolant level, combining a waterfall effect when placed upright. The cooling system can be positioned in multiple ways. Feet are included for vertical tower or horizontal orientations, with fans facing up or down. The unit also fits within a 3U profile and includes rack mountable ears. The front display can be rotated for these positions by hand. NOTE: 3 x 700mL bottles of coolant is recommended for this system.

General	
Weight	28.60 lb (12.97 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	2kgf/cm ² (28.5psi)
Max Temp. Operating Tolerance	60°C (140°F)
Noise (dBA)	30-54
Cooling Systems	
Cooling Capacity	2600W (8872BTU/hr) @ 25°C liquid-ambient (25°C dT)
Display Type	OLED
Flow Rate	12LPM (3.2GPM)
Max Power Consumption	90W
Power Source	110/220 VAC, 50-60Hz
Radiator	Brass/Copper, 9 x 120mm fans
Temperature Sensors	10K Thermistors

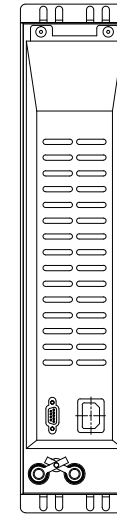
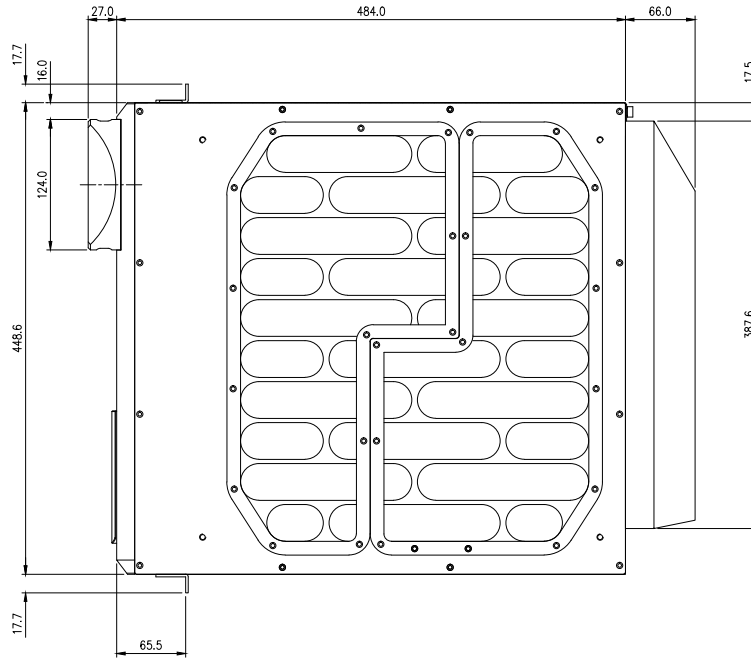
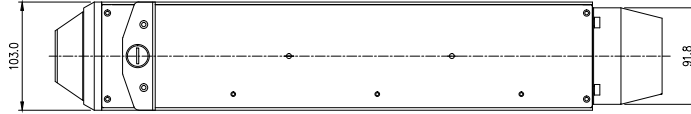
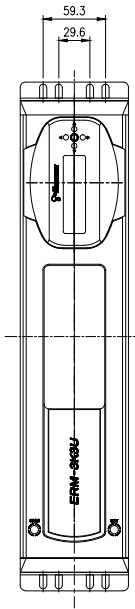
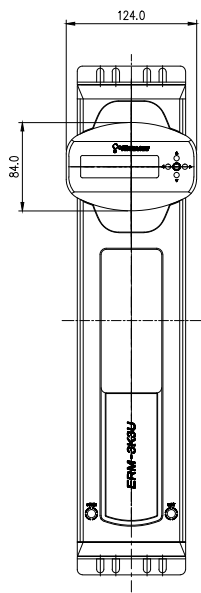




REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

NO.	DESCRIPTION			MATER'L		QUANTITY	REMARKS
				UNIT	MM	ITEM	
	KOOLANCE inc.			DECIMAL PLACES	INCHES	MILLIMETRES	ERM-3K3UA/C
				.XXX	±.005	±0.1	
		.XX	±.010	±0.3	SCALE	N/S	TITLE
		.X	±.020	±0.5			
DATE	BY	BY	BY	APPRO	BY	3RD ANGLE	
	A.K.SONG					CODE NO.	DWG. NO.
							PAGE

REVISION



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	DECIMAL PLACES	INCHES	MILLIMETRES	SCALE	N/S	TITLE
	.XXX .XX .X	±.005 ±.010 ±.020	±0.1 ±0.3 ±0.5			Ass'y
DATE	BY	BY	BY	APPRO	BY	ANGULAR DIMENSIONS
	A.K.SONG					3RD ANGLE
						SURFACE ROUGHNESS
						CODE NO.
						DWG. NO.
						PAGE