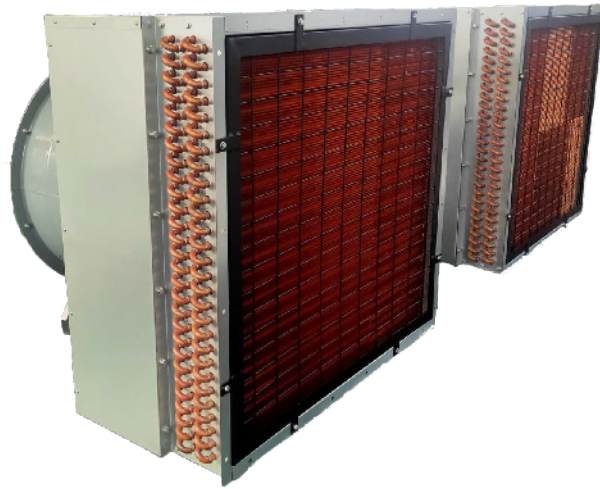


Liquid Fan Coils



AVAILABLE FROM
NEPEAN ELECTRONICS

NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

Nepean liquid Fan Coils offer high performance and reliability. These heat exchangers have been developed specifically for use in harsh environments and provide cooling to water systems. The coils are ideal for cooling electronic loads such as VSD's, rectifiers or resistive heat loads.

The Fan Coil heat exchangers are manufactured from copper to ensure maximum heat transfer and efficiency, each fan coil is fitted with an electric fan available in either 415V or 690V, electric fan motors are rated at IP55.

Fan blades are shrouded to ensure touch protection for moving parts.

The Nepean Liquid Fan Coil Series is an attractive, high performance heat exchanger that delivers efficient heat transfer and maximum reliability in a compact package

The seamless copper tubes are expanded into the fin with an extruded full collar that ensures excellent metal-to-metal contact to optimize thermal performance.

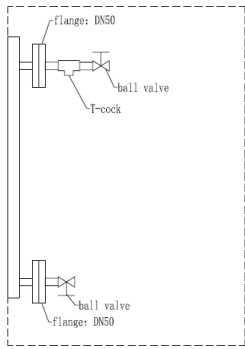
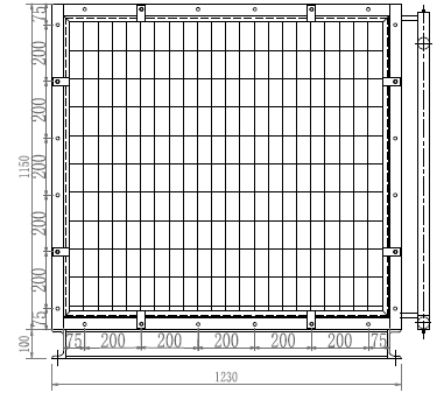
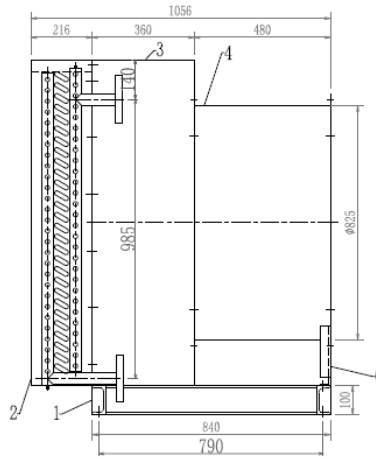
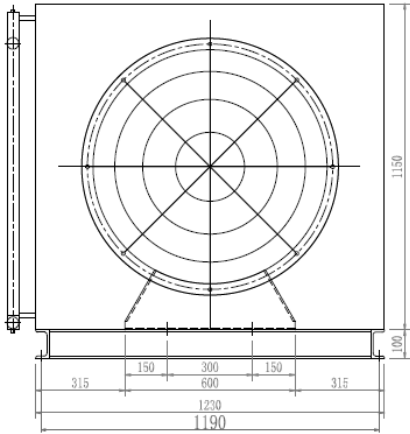
Higher tube density results in maximum heat transfer.

- Our thick-walled (0.028"/0.7mm) seamless copper tubing and fluxless silver-brazed joints ensure the integrity of the fluid path.
- Heat exchangers are pressure tested to 150 psi (10.3 bar) to guarantee reliability.
- Units are electro-static dip painted for long life even in corrosive or harsh environments.
- Compatible with water, Ethylene Glycol/Water (EGW) solutions, and other common coolants.

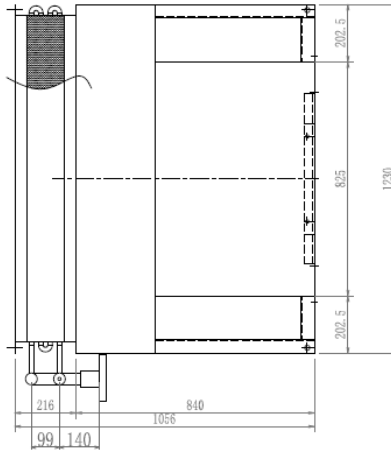
Ambient (°C)	Water Flow (m³/h)	Cooling Capacity (Kw's)		Cooling Fan Rating	
		FF40-CU	FF90-CU	FF40-CU	FF90-CU
35	3	40	90		
	5	45	100		
	7	50	112	1.5kW	3kW
	9	55	124	960RPM	960RPM
	11	60	135		
	13	65	146		

Liquid Fan Coils

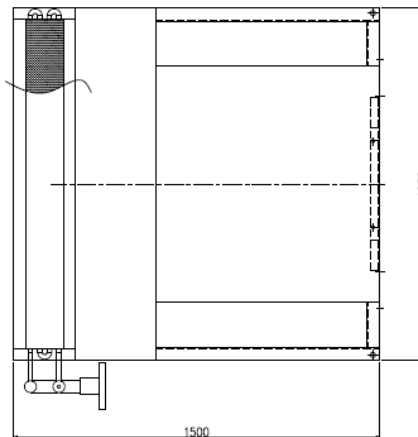
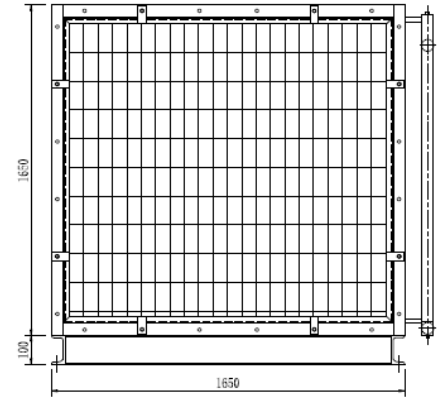
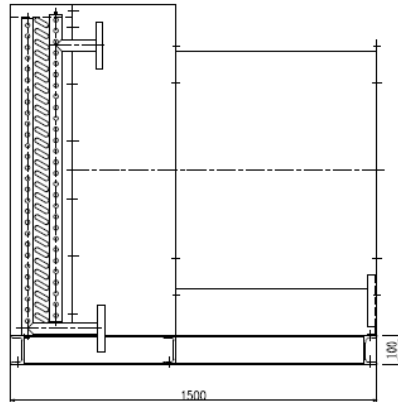
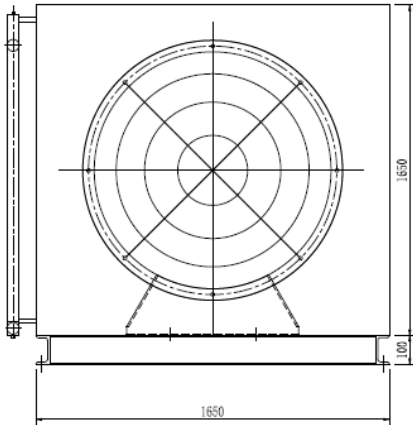
Drawings



valve connection draft

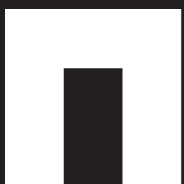


40kW



Coil: 4rows, copper tube Φ 15.88 with copper fins
 Fan: 3600m³/h., 240Pa TP
 Motor: 690V/3PH/50HZ, 3kw

90kW



NEPEAN
Power

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