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A basic fan coil is a device for cooling and / or heating a space by conditioning air, consisting mainly of a factory-made single assembly with ChW cooling coil, LTHW/Elec. heating coil and a fan that does not include the source of cooling or heating.

For a fan coil to operate, it requires an electronic controller, temperature sensor, water valves and associated fittings. These can either be supplied by the FCU manufacturer or as “free-issue” items by the contractor.

Typical “free issue” components.	
	
FCU Controller.	Valve assembly and associated fittings.
	
Temperature sensor.	Valve actuator.

To enable FCU manufacturers to proceed with orders and confirm despatch dates they need full information with respect to the above items and when they will receive them.

Most manufacturers have limited production / storage space, meaning they are unable to have semi-finished FCUs waiting for free issue components to arrive.

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Typical FCU “free-issue” process flow chart.

