# Performance Specification Text

## Essco Fan Coil Valve Assembly

PN25 rated DZR Brass (CW602N) Fan Coil Valve Assembly (‘FCVA’), suitable for both heating and cooling applications with water temperatures from -10°C to 120°C.

Left or right-handed and pre-assembled to meet the requirements of each individual terminal unit. Assembly to include a flushing by-pass with integrated isolation valves, Pressure Independent Control Valve (PICV), venturi measurement devices suited for both low, mid and high ranges of flow rate, strainer and drain cocks. Binder test points must feature on both the return side for flow verification across metering station and across the PICV on the return side to check pressure at index circuit and where needed, pressure over the terminal unit. Actuators to be specified and pre-fitted to suit specific application, on/off or modulating, 24v or 230v. UK tested to BTS 1/2019 test method for PICV’s and DPCV’s.

Valve assembly must be labelled after commissioning using Essco FCVA Label Tag to ensure correct terminal reference number and flow rate are indicated at point of use. The flow and return connections of the assembly must be 40mm to accommodate a standard fan coil and compact in design to minimalise space required.

## Accessories (Optional)

* Insulation jacket
* Actuator options
* Handed versions