

BESPOKE HVAC CONTROL SOLUTIONS

AirCraft Air Handling offer a range of AHU control solutions including site specific bespoke systems. Along with our controls manufacturing partner we specify and design panels to meet the duty demands of your new or refurbished AHU, and work directly with you or your specialist consultant to ensure optimal AHU performance is achieved.



CONTROL FEATURES



AirCraft Air Handling Control Panel general features include:

- EC or inverter fan speed control for airside balancing
- Heat recovery control
- Heating & cooling coil control
- Damper / mixing box control
- Filter dirty indication
- 7-day timeclock
- BMS enable
- Common fault output
- Fire alarm contacts 24v as standard, 230v on request
- Door mounted isolator switch
- Panel live indicator
- 230v control circuit, 24v on request
- Run-on timers for supply fans when interlocked with electric or indirect gas fired heaters.

CONTROL OPTIONS



- PLC controller with BACnet or ModBus capability
- Touchscreen HMI interface
- Integration of 3rd party free-issue components including; PLC's, Heat pump interfaces
- Run & standby or Auto-changeover fan control
- Carbon dioxide sensor for CO2 variable airflow control
- Pressure transducer for constant airflow control
- Weatherproofing for external locations
- Remote user panels, from simple run and fault indicators to full remote mimic panel.

Larger range of ancillary equipment and accessories from stock and to order including:

- Airflow and filter pressure switches
- Emergency stop stations
- LPHW & Chilled water valves & actuators
- Damper actuator motors
- PIR sensors
- Room or duct mounted thermostats
- Frost thermostats.

Onsite controls commissioning available upon request to ensure the packaged AHU is fully set-up and operates to its entire design potential.