

**Unit design / Enquiry form**

Client: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Tel No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_  
 Project: \_\_\_\_\_ Return date: \_\_\_\_\_  
 Unit ref: \_\_\_\_\_ No. off: \_\_\_\_\_

**NOTES AND SPECIAL REQUIREMENTS**

Delivery location:

**OPTIONS**

Set of spare filters	<input type="checkbox"/>	Humidifier commissioning	<input type="checkbox"/>
Glass traps supplied loose	<input type="checkbox"/>	Thermal wheel commissioning	<input type="checkbox"/>
Works leakage test	<input type="checkbox"/>	Frequency inverter commissioning	<input type="checkbox"/>
Works volumetric test	<input type="checkbox"/>	Site assembly	<input type="checkbox"/>
Single set of spare drive belts	<input type="checkbox"/>	Run around coil pump pack	<input type="checkbox"/>
Spare motors supplied loose (one for each size)	<input type="checkbox"/>	Integrated controls system	<input type="checkbox"/>
Gas burner commissioning	<input type="checkbox"/>	Supply unit in single piece if transportable	<input type="checkbox"/>
	<input type="checkbox"/>	EC fans	<input type="checkbox"/>
	<input type="checkbox"/>	Supply unit in kit form for restricted access and assemble on site	<input type="checkbox"/>
	<input type="checkbox"/>	Matched ACCU supplied with AHU piped and commissioned on site	<input type="checkbox"/>
	<input type="checkbox"/>	Matched reverse cycle heat pump supplied with AHU piped and commissioned on site	<input type="checkbox"/>
	<input type="checkbox"/>	Motor isolator fitted with early break external contacts	<input type="checkbox"/>
	<input type="checkbox"/>	Motor anti condensation heater wired to external terminal	<input type="checkbox"/>
Door guard in fan sections	<input type="checkbox"/>	Test points between components	<input type="checkbox"/>
Belt enclosure drive guard	<input type="checkbox"/>	View Glass in accessible sections	<input type="checkbox"/>
Back draught damper on fan	<input type="checkbox"/>	Lockable doors	<input type="checkbox"/>
Pressure tappings up and downstream of fan	<input type="checkbox"/>	Component labels	<input type="checkbox"/>
Fan door micro switch interlocked to isolator	<input type="checkbox"/>	Internal release door handles	<input type="checkbox"/>
Thermistors fitted to motor for wiring by others	<input type="checkbox"/>	Inward opening doors	<input type="checkbox"/>
Matched inverter supplied loose	<input type="checkbox"/>	Actuator mounting bracket fitted to dampers	<input type="checkbox"/>
Matched inverter supplied fitted and pre wired	<input type="checkbox"/>	Locking quadrant fitted to dampers	<input type="checkbox"/>
Manometer on filters	<input type="checkbox"/>	Eliminator after humidifier	<input type="checkbox"/>
Magnahelic gauge on filters	<input type="checkbox"/>	Thermal wheel wired to terminal block	<input type="checkbox"/>
Photohelic gauge on filters	<input type="checkbox"/>	Eliminator after cooling coils	<input type="checkbox"/>
Minihelic gauge on filters	<input type="checkbox"/>	Flanged connections on coils	<input type="checkbox"/>
Pressure switch on filters	<input type="checkbox"/>	Copper headers on coils	<input type="checkbox"/>
Pressure tappings up and downstream of filter	<input type="checkbox"/>	Test points between components	<input type="checkbox"/>
	<input type="checkbox"/>	Electric heater wired to terminal block including safety cut out	<input type="checkbox"/>
	<input type="checkbox"/>	Internal bulkhead light wired to switch in accessible sections	<input type="checkbox"/>
	<input type="checkbox"/>	Internal bulkhead light wired to switch in accessible sections	<input type="checkbox"/>
	<input type="checkbox"/>	Accessible fixed galvanised drain trays in areas susceptible to condensation	<input type="checkbox"/>
	<input type="checkbox"/>	Accessible fixed stainless drain trays in areas susceptible to condensation	<input type="checkbox"/>
	<input type="checkbox"/>	Fully accessible removable galvanised drain tray in areas susceptible to condensation	<input type="checkbox"/>
	<input type="checkbox"/>	Fully accessible removable stainless steel drain tray in areas susceptible to condensation	<input type="checkbox"/>

<b>SPECIFICATION</b>			
Standard <input type="checkbox"/>	Coastal <input type="checkbox"/>	Swimming pool <input type="checkbox"/>	Hospital <input type="checkbox"/>
Other: _____			
<b>CASING OPTIONS</b>			
DW143 Class A or BS1886 L3 <input type="checkbox"/>	DW143 Class B or BS1886 L2 <input type="checkbox"/>	DW143 Class C or BS1886 L1 <input type="checkbox"/>	DW143 Class D or 1/2 BS1886 L1 <input type="checkbox"/>
Unit location	Internal <input type="checkbox"/>	External <input type="checkbox"/>	
Special requirements: _____			
<b>FAN DETAILS</b>			
S: _____ m <sup>3</sup> /s _____ Pa	Direct Drive <input type="checkbox"/>	Standby motor <input type="checkbox"/>	Motors external <input type="checkbox"/>
E: _____ m <sup>3</sup> /s _____ Pa	Direct Drive <input type="checkbox"/>	Standby motor <input type="checkbox"/>	Motors external <input type="checkbox"/>
Special requirements: _____			
<b>FILTERS</b>			
Type	Panel <input type="checkbox"/>	Bag <input type="checkbox"/>	Rigid <input type="checkbox"/>
Efficiency	Carbon <input type="checkbox"/>	HEPA <input type="checkbox"/>	Washable <input type="checkbox"/>
Special requirements: _____			
<b>FROST / PRE HEAT COIL</b>			
On temp. _____	Off temp. _____	Medium _____	Materials _____
Special requirements: _____			
<b>COOLING COIL</b>			
On temp _____ db	_____ wb / %RH	Off temp _____ db	_____ wb / %RH
Materials _____	Medium _____		
Special requirements: _____			
<b>RE HEAT COIL</b>			
On temp. _____	Off temp. _____	Medium _____	Materials _____
Special requirements: _____			
<b>HEAT RECOVERY</b>			
Mixing box <input type="checkbox"/>	Run around <input type="checkbox"/>	Recuperator <input type="checkbox"/>	Heat pipe <input type="checkbox"/>
Supply on temp _____	Extract on temp _____ db	_____ wb / %RH	Thermal wheel <input type="checkbox"/>
Materials _____	Medium _____	Efficiency _____	
Special requirements: _____			
<b>HUMIDIFIER</b>			
Type _____	Duty (kg/hr) _____		
Special requirements: _____			
<b>ATTENUATOR</b>			
Length - _____	NR - _____		
Special requirements: _____			
<b>ACCESS SECTION</b>			
Special requirements: _____			
<b>INLET / OUTLET SECTIONS</b>			
	Spigot	Damper	Louvre
Extract	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fresh air	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special requirements: _____			
Other components: _____			

Please save your completed form and send via email to [ahu@barkell.co.uk](mailto:ahu@barkell.co.uk)

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