

ASSET REFERENCE:		AHU 1
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handling Viewed in direction of supply air	Right
	Finish / Colour	Natural
	Duct Connections	
	Height:	1250 mm
	Width	2250 mm
	Velocity:	2.5 m/s
	Supply Fan Supply Fan Airflow (m3/s)	7.13 m3/s
	Supply External Pressure Drop	544 Pa
	Impeller Speed (rpm)	
	Supply Fan Motor Power (kW)	23.3 kW
	Speed Control	Inverter Drive
	Fresh Air Volume	713 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	
	Extract Fan Extract Fan Airflow (m3/s)	6.42 m3/s
	Extract external Pressure Drop	211 Pa
	Impeller Speed (rpm)	
	Extract Fan Motor Power (kW)	8.1 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	7,130 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 Panel + F7 Bag c/w pressure gauge
	Dampers Type	3-Damper Motorised (FA/Ex/Recirc)
	Silencers Type	None
	Louvres Type	None
	Heat Recovery Heat Recovery Type	None
	Minimum Efficiency	
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	
	Winter Heat Recovery off HE	
	Summer Outside Air	30 °C
	Summer Return Air onto HE	
	Summer Heat Recovery off HE	
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	13.9 °C
	Room Temp (Winter)	16 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	96 kW
Heater Battery Water Flow (l/s)	1.15 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	None	
Chilled Water Flow Temp (°C)		
Chilled Water Return Temp (°C)		
Cooling coil Air On (°C db)		
Air On Enthalpy		
Air Off (°C db)		
Air Off Enthalpy		
Cooling Capacity (at min volume)		
Available Cooling (max)		
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)		
Humidifier Type	None	
Other Comments		
INSTALLATION DATA	Model /Type	
	Size (W x L x H)	
	Manufacturers Name	VES
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	3ph 415v
	Power (kW)	22.5 kW
	FLC (Amps)	42.4 amps
	Starting Method	Inverter Drive

ASSET REFERENCE:		AHU 2
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handling Viewed in direction of supply air	Right
	Finish / Colour	Natural
	Duct Connections	
	Height:	1250 mm
	Width	1850 mm
	Velocity:	2.2 m/s
	Supply Fan Supply Fan Airflow (m3/s)	5.2 m3/s
	Supply External Pressure Drop	297 Pa
	Impeller Speed (rpm)	
	Supply Fan Motor Power (kW)	9.3 kW
	Speed Control	Inverter Drive
	Fresh Air Volume	520 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	
	Extract Fan Extract Fan Airflow (m3/s)	4.68 m3/s
	Extract external Pressure Drop	148 Pa
	Impeller Speed (rpm)	
	Extract Fan Motor Power (kW)	4.1 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	5,200 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 Panel + F7 Bag c/w pressure gauge
	Dampers Type	3-Damper Motorised (FA/Ex/Recirc)
	Silencers Type	None
	Louvres Type	None
	Heat Recovery Heat Recovery Type	None
	Minimum Efficiency	
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	
	Winter Heat Recovery off HE	
	Summer Outside Air	30 °C
	Summer Return Air onto HE	
	Summer Heat Recovery off HE	
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	13.9 °C
	Room Temp (Winter)	16 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	47 kW
Heater Battery Water Flow (l/s)	0.57 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	Chilled Water (copper/Alum)	
Chilled Water Flow Temp (°C)	5.5 °C	
Chilled Water Return Temp (°C)	11 °C	
Cooling coil Air On (°C db)	30 °C	
Air On Enthalpy	58.0 kJ/kg	
Air Off (°C db)	11 °C	
Air Off Enthalpy	30.0 kJ/kg	
Cooling Capacity (at min volume)	175 kW	
Available Cooling (max)	175 kW	
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)	7.63 l/s	
Humidifier Type	None	
Other Comments	Glycol chilled water by others	
INSTALLATION DATA	Model /Type	
	Size (W x L x H)	
	Manufacturers Name	VES
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	3ph 415v
	Power (kW)	16.5 kW
	FLC (Amps)	31.9 amps
	Starting Method	Inverter Drive

ASSET REFERENCE:		AHU 3.1
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handling Viewed in direction of supply air	Left
	Finish / Colour	Natural
	Duct Connections	
	Height:	1450 mm
	Width	2550 mm
	Velocity:	2.8 m/s
	Supply Fan Supply Fan Airflow (m3/s)	10.17 m3/s
	Supply External Pressure Drop	332 Pa
	Impeller Speed (rpm)	
	Supply Fan Motor Power (kW)	20.3 kW
	Speed Control	Inverter Drive
	Fresh Air Volume	1017 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	81 dB 90 dB 91 dB 93 dB 91 dB 88 dB 78 dB 77 dB
	Extract Fan Extract Fan Airflow (m3/s)	9.15 m3/s
	Extract external Pressure Drop	280 Pa
	Impeller Speed (rpm)	
	Extract Fan Motor Power (kW)	15.4 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	10,170 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 Panel + F7 Bag c/w pressure gauge
	Dampers Type	3-Damper Motorised (FA/Ex/Recirc)
	Silencers Type	None
	Louvres Type	None
	Heat Recovery Heat Recovery Type	None
	Minimum Efficiency	
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	
	Winter Heat Recovery off HE	
	Summer Outside Air	30 °C
	Summer Return Air onto HE	
	Summer Heat Recovery off HE	
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	13.9 °C
	Room Temp (Winter)	16 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	69 kW
Heater Battery Water Flow (l/s)	0.83 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	None	
Chilled Water Flow Temp (°C)		
Chilled Water Return Temp (°C)		
Cooling coil Air On (°C db)		
Air On Enthalpy		
Air Off (°C db)		
Air Off Enthalpy		
Cooling Capacity (at min volume)		
Available Cooling (max)		
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)		
Humidifier Type	None	
Other Comments		
INSTALLATION DATA	Model /Type	
	Size (W x L x H)	
	Manufacturers Name	VES
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	3ph 415v
	Power (kW)	29.4 kW
	FLC (Amps)	57.0 amps
	Starting Method	Inverter Drive

ASSET REFERENCE:		AHU 3.2	
DESIGN INFORMATION	System	Example System	
	No off	1	
	Access Handling	Viewed in direction of supply air	Left
	Finish / Colour	Natural	
	Duct Connections		
	Height:	1450 mm	
	Width	2550 mm	
	Velocity:	2.8 m/s	
	Supply Fan	Supply Fan Airflow (m3/s)	10.17 m3/s
		Supply External Pressure Drop	406 Pa
		Impeller Speed (rpm)	
		Supply Fan Motor Power (kW)	24.8 kW
		Speed Control	Inverter Drive
		Fresh Air Volume	1017 l/s
			63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
		Fan SWL	81 dB 90 dB 91 dB 93 dB 91 dB 88 dB 78 dB 77 dB
	Extract Fan	Extract Fan Airflow (m3/s)	9.15 m3/s
		Extract external Pressure Drop	280 Pa
		Impeller Speed (rpm)	
		Extract Fan Motor Power (kW)	15.4 kW
		Speed Control	Inverter Drive
		Minimum Airflow (m3/s)	10,170 l/s
	Filters	Pre-filter type	None
		Main filter Type	G4 Panel + F7 Bag c/w pressure gauge
	Dampers	Type	3-Damper Motorised (FA/Ex/Recirc)
	Silencers	Type	None
	Louvres	Type	None
	Heat Recovery	Heat Recovery Type	None
		Minimum Efficiency	
	Winter	Outside Air	-5 °C
	Winter	Return Air onto HE	
	Winter	Heat Recovery off HE	
	Summer	Outside Air	30 °C
	Summer	Return Air onto HE	
	Summer	Heat Recovery off HE	
	Heater Battery	Type	LTHW (copper/alum)
		Heater Battery On coil (°C db)	13.9 °C
		Room Temp (Winter)	16 °C
		Heater Battery Off coil capability	35 °C
	Heating	Heating Capacity	69 kW
		Heater Battery Water Flow (l/s)	0.82 l/s
		Heating Water Flow Temp	75 °C
		Heating Water Return Temp	55 °C
	Cooler Battery	Type	None
		Chilled Water Flow Temp (°C)	
		Chilled Water Return Temp (°C)	
	Cooling coil	Air On (°C db)	
		Air On Enthalpy	
		Air Off (°C db)	
		Air Off Enthalpy	
		Cooling Capacity (at min volume)	
		Available Cooling (max)	
		Cooling Coil Air Pressure Drop	
		Chilled Water Flow (l/s)	
	Humidifier	Type	None
	Other	Comments	
	INSTALLATION DATA	Model /Type	
		Size (W x L x H)	
		Manufacturers Name	VES
		Installation Date	2014
		Life Expectancy (yrs)	25 Years
	LOCATION	Building Name	Example Name
		Building Reference	Example Reference
		Floor	1
		Grid Ref x-y coord	
		Room Name	Example Room
	ELECTRICAL DATA	Electrical Supply	3ph 415v
Power (kW)		29.4 kW	
FLC (Amps)		57.0 amps	
Starting Method		Inverter Drive	

ASSET REFERENCE:		AHU 4
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handing Viewed in direction of supply air	Left
	Finish / Colour	Natural
	Duct Connections	
	Height:	1250 mm
	Width	1850 mm
	Velocity:	2.8 m/s
	Supply Fan Supply Fan Airflow (m3/s)	6.47 m3/s
	Supply External Pressure Drop	266 Pa
	Impeller Speed (rpm)	
	Supply Fan Motor Power (kW)	10.3 kW
	Speed Control	Inverter Drive
	Fresh Air Volume	647 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	
	Extract Fan Extract Fan Airflow (m3/s)	5.82 m3/s
	Extract external Pressure Drop	274 Pa
	Impeller Speed (rpm)	
	Extract Fan Motor Power (kW)	9.6 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	6,470 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 Panel + F7 Bag c/w pressure gauge
	Dampers Type	3-Damper Motorised (FA/Ex/Recirc)
	Silencers Type	None
	Louvres Type	None
	Heat Recovery Heat Recovery Type	None
	Minimum Efficiency	
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	
	Winter Heat Recovery off HE	
	Summer Outside Air	30 °C
	Summer Return Air onto HE	
	Summer Heat Recovery off HE	
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	10.3 °C
	Room Temp (Winter)	12 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	35 kW
Heater Battery Water Flow (l/s)	0.42 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	None	
Chilled Water Flow Temp (°C)		
Chilled Water Return Temp (°C)		
Cooling coil Air On (°C db)		
Air On Enthalpy		
Air Off (°C db)		
Air Off Enthalpy		
Cooling Capacity (at min volume)		
Available Cooling (max)		
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)		
Humidifier Type	None	
Other Comments		
INSTALLATION DATA	Model /Type	
	Size (W x L x H)	
	Manufacturers Name	VES
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	3ph 415v
	Power (kW)	22.0 kW
	FLC (Amps)	42.0 amps
	Starting Method	Inverter Drive

ASSET REFERENCE:		AHU 5
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handing Viewed in direction of supply air	Right
	Finish / Colour	Natural
	Duct Connections	
	Height:	1200 mm
	Width	1850 mm
	Velocity:	2.6 m/s
	Supply Fan Supply Fan Airflow (m3/s)	5.88 m3/s
	Supply External Pressure Drop	660 Pa
	Impeller Speed (rpm)	
	Supply Fan Motor Power (kW)	23.3 kW
	Speed Control	Inverter Drive
	Fresh Air Volume	588 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	
	Extract Fan Extract Fan Airflow (m3/s)	5.29 m3/s
	Extract external Pressure Drop	764 Pa
	Impeller Speed (rpm)	
	Extract Fan Motor Power (kW)	24.2 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	5,878 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 Panel + F7 Bag c/w pressure gauge
	Dampers Type	3-Damper Motorised (FA/Ex/Recirc)
	Silencers Type	None
	Louvres Type	None
	Heat Recovery Heat Recovery Type	None
	Minimum Efficiency	
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	
	Winter Heat Recovery off HE	
	Summer Outside Air	30 °C
	Summer Return Air onto HE	
	Summer Heat Recovery off HE	
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	13.9 °C
	Room Temp (Winter)	16 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	63 kW
Heater Battery Water Flow (l/s)	0.76 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	None	
Chilled Water Flow Temp (°C)		
Chilled Water Return Temp (°C)		
Cooling coil Air On (°C db)		
Air On Enthalpy		
Air Off (°C db)		
Air Off Enthalpy		
Cooling Capacity (at min volume)		
Available Cooling (max)		
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)		
Humidifier Type	None	
Other Comments		
INSTALLATION DATA	Model /Type	
	Size (W x L x H)	
	Manufacturers Name	VES
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	3ph 415v
	Power (kW)	30.0 kW
	FLC (Amps)	56.0 amps
	Starting Method	Inverter Drive

ASSET REFERENCE:		AHU 6	
DESIGN INFORMATION	System	Example System	
	No off	1	
	Access Handling	Viewed in direction of supply air	
	Finish / Colour	Natural	
	Duct Connections		
	Height:	750 mm	
	Width	450 mm	
	Velocity:	2.2 m/s	
	Supply Fan	Supply Fan Airflow (m3/s)	0.75 m3/s
		Supply External Pressure Drop	407 Pa
		Impeller Speed (rpm)	2,620. RPM
		Supply Fan Motor Power (kW)	1.8 kW
		Speed Control	Inverter Drive
		Fresh Air Volume	754 l/s
			63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
		Fan SWL	64 dB 63 dB 73 dB 72 dB 78 dB 71 dB 66 dB 60 dB
		Extract Fan	Extract Fan Airflow (m3/s)
			0.68 m3/s
		Extract external Pressure Drop	374 Pa
		Impeller Speed (rpm)	2,621 rpm
		Extract Fan Motor Power (kW)	1.5 kW
		Speed Control	Inverter Drive
		Minimum Airflow (m3/s)	377 l/s
		Filters	Pre-filter type
			None
		Main filter Type	G4 (Pleated Panel) c/w pressure gauge
		Dampers	Type
			Motorised on Fresh / Exhaust
		Silencers	Type
			Atmospheric & System Silencers (4 no)
		Louvres	Type
			None
		Heat Recovery	Heat Recovery Type
			Thermal Wheel + Face & Bypass
			Minimum Efficiency
			60%
		Winter	Outside Air
			-5 °C
		Winter	Return Air onto HE
			22. °C
		Winter	Heat Recovery off HE
			11.2 °C
		Summer	Outside Air
			30 °C
		Summer	Return Air onto HE
			32. °C
		Summer	Heat Recovery off HE
			31.2 °C
		Heater Battery	Type
			LTHW (copper/alum)
			Heater Battery On coil (°C db)
			11.2 °C
			Room Temp (Winter)
			22 °C
			Heater Battery Off coil capability
			35 °C
		Heating	Heating Capacity
			15 kW
			Heater Battery Water Flow (l/s)
			0.18 l/s
		Heating Water Flow Temp	
		75 °C	
		Heating Water Return Temp	
		55 °C	
	Cooler Battery	Type	
		None	
		Chilled Water Flow Temp (°C)	
		Chilled Water Return Temp (°C)	
	Cooling coil	Air On (°C db)	
		Air On Enthalpy	
		Air Off (°C db)	
		Air Off Enthalpy	
		Cooling Capacity (at min volume)	
		Available Cooling (max)	
		Cooling Coil Air Pressure Drop	
		Chilled Water Flow (l/s)	
	Humidifier	Type	
		None	
	Other	Comments	
		Variable speed fans via duct-mounted pressure sensor set at 200 Pa. Prefilters before Thermal Wheel S&E	
INSTALLATION DATA	Model /Type	MAX15/B/SP/S	
	Size (W x L x H)	950x2925x1300	
	Manufacturers Name	VES	
	Installation Date	2014	
	Life Expectancy (yrs)	25 Years	
LOCATION	Building Name	Example Name	
	Building Reference	Example Reference	
	Floor	1	
	Grid Ref x-y coord		
	Room Name	Example Room	
ELECTRICAL DATA	Electrical Supply	3ph 415v	
	Power (kW)	2.2 kW	
	FLC (Amps)	4.7 amps	
	Starting Method	Inverter Drive	

ASSET REFERENCE:		AHU 7a
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handling Viewed in direction of supply air	Left
	Finish / Colour	Natural
	Duct Connections	
	Height:	435 mm
	Width	580 mm
	Velocity:	1.6 m/s
	Supply Fan Supply Fan Airflow (m3/s)	0.39 m3/s
	Supply External Pressure Drop	250 Pa
	Impeller Speed (rpm)	2,400. RPM
	Supply Fan Motor Power (kW)	1. kW
	Speed Control	Inverter Drive
	Fresh Air Volume	392 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	69 dB 62 dB 58 dB 44 dB 42 dB 40 dB 37 dB 25 dB
	Extract Fan Extract Fan Airflow (m3/s)	0.35 m3/s
	Extract external Pressure Drop	250 Pa
	Impeller Speed (rpm)	2,400 rpm
	Extract Fan Motor Power (kW)	0.5 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	392 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 (Pleated Panel) c/w pressure gauge
	Dampers Type	Motorised on Fresh / Exhaust
	Silencers Type	Atmospheric & System Silencers (4 no)
	Louvres Type	None
	Heat Recovery Heat Recovery Type	Recuperator
	Minimum Efficiency	50%
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	22. °C
	Winter Heat Recovery off HE	8.5 °C
	Summer Outside Air	30 °C
	Summer Return Air onto HE	32. °C
	Summer Heat Recovery off HE	31. °C
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	8.5 °C
	Room Temp (Winter)	22 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	13 kW
Heater Battery Water Flow (l/s)	0.16 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	None	
Chilled Water Flow Temp (°C)		
Chilled Water Return Temp (°C)		
Cooling coil Air On (°C db)		
Air On Enthalpy		
Air Off (°C db)		
Air Off Enthalpy		
Cooling Capacity (at min volume)		
Available Cooling (max)		
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)		
Humidifier Type	None	
Other Comments	2 row LTHW coil. 4no 315mm connections. PIR controlled activation with 15 minute overrun	
INSTALLATION DATA	Model /Type	XBC55-H-LES
	Size (W x L x H)	1726x1900x473
	Manufacturers Name	Nuair
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	1ph 240v
	Power (kW)	1.1 kW
	FLC (Amps)	6.4 amps
	Starting Method	Inverter Drive

ASSET REFERENCE:		AHU 7b
DESIGN INFORMATION	System	Example System
	No off	1
	Access Handling Viewed in direction of supply air	Left
	Finish / Colour	Natural
	Duct Connections	
	Height:	305 mm
	Width	455 mm
	Velocity:	1.6 m/s
	Supply Fan Supply Fan Airflow (m3/s)	0.22 m3/s
	Supply External Pressure Drop	250 Pa
	Impeller Speed (rpm)	3,700. RPM
	Supply Fan Motor Power (kW)	1. kW
	Speed Control	Inverter Drive
	Fresh Air Volume	224 l/s
		63 Hz 125 Hz 250 Hz 500 Hz 1 KHz 2 KHz 4 KHz 8 KHz
	Fan SWL	65 dB 64 dB 51 dB 54 dB 41 dB 40 dB 40 dB 32 dB
	Extract Fan Extract Fan Airflow (m3/s)	0.2 m3/s
	Extract external Pressure Drop	250 Pa
	Impeller Speed (rpm)	3,700 rpm
	Extract Fan Motor Power (kW)	0.3 kW
	Speed Control	Inverter Drive
	Minimum Airflow (m3/s)	224 l/s
	Filters Pre-filter type	None
	Main filter Type	G4 (Pleated Panel) c/w pressure gauge
	Dampers Type	Motorised on Fresh / Exhaust
	Silencers Type	Atmospheric & System Silencers (4 no)
	Louvres Type	None
	Heat Recovery Heat Recovery Type	Recuperator
	Minimum Efficiency	50%
	Winter Outside Air	-5 °C
	Winter Return Air onto HE	22. °C
	Winter Heat Recovery off HE	8.5 °C
	Summer Outside Air	30 °C
	Summer Return Air onto HE	32. °C
	Summer Heat Recovery off HE	31. °C
	Heater Battery Type	LTHW (copper/alum)
	Heater Battery On coil (°C db)	8.5 °C
	Room Temp (Winter)	22 °C
	Heater Battery Off coil capability	35 °C
	Heating Heating Capacity	10 kW
Heater Battery Water Flow (l/s)	0.12 l/s	
Heating Water Flow Temp	75 °C	
Heating Water Return Temp	55 °C	
Cooler Battery Type	None	
Chilled Water Flow Temp (°C)		
Chilled Water Return Temp (°C)		
Cooling coil Air On (°C db)		
Air On Enthalpy		
Air Off (°C db)		
Air Off Enthalpy		
Cooling Capacity (at min volume)		
Available Cooling (max)		
Cooling Coil Air Pressure Drop		
Chilled Water Flow (l/s)		
Humidifier Type	None	
Other Comments	2 row LTHW coil. 4no 315mm connections. PIR controlled activation with 15 minute overrun	
INSTALLATION DATA	Model /Type	XBC25-H-LES
	Size (W x L x H)	1314x1701x343
	Manufacturers Name	Nuair
	Installation Date	2014
	Life Expectancy (yrs)	25 Years
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	1
	Grid Ref x-y coord	
	Room Name	Example Room
ELECTRICAL DATA	Electrical Supply	1ph 240v
	Power (kW)	1.0 kW
	FLC (Amps)	6.4 amps
	Starting Method	Inverter Drive