


EQUIPMENT DETAILS

Date	Project No.	Project Reference	Unit No.
12/11/2018	218366	Tesco Barnsley	218366-01

Supply
UNIT CONSTRUCTION

Panel Thickness	Panel Insulation	Framework	Colour
22mm	Polystyrene	None - Frameless Construction	Goosewing Grey
Panel External Sheet	Panel Internal Sheet	Base Frame	Unit Location
0.9mm Plastisol	0.9mm Galv Sheet	Fabricated	External
Access Side	Unit Range	Roof Type	No. Of Sections
Right L.I.D.O.A.F.	TRG045L	Flat	One
Bulkhead Lights	Inspection Portholes		
No	No		

22MM PANEL INSERTION LOSS

Frequency	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
	20	20	26	31	34	37	35	62

FILTER

Velocity	Class	Type	Withdrawal	Qty/Size1	Qty/Size2	Qty/Size3	Length
2.55 m/s	G4	Panel	Front	6 / 595 x 495	-	-	48mm

INDIRECT GAS BURNER info TBC

Manufacturer	Burner Model	Temp Rise	Duty
Powrmatic	HEM-NVx 100-12	17.35 °C	95kW
Burner Control	Exchanger Metal	Gas Connection	Gas Type
Modulating	Aluminsed Steel	3/4"	Natural Gas
Gas Consumption	Voltage	Minimum Inlet Pressure	
11.75 m³/hr	230V/1Ph/50Hz	17.5 mbar	

SUPPLY FAN

Supply		Fan Type		Mounting		Quantity		
Supply		Backward Curved Plug		Hard Mounted		2-Off (Run In Parallel)		
Model		Impeller Diam.		Isolator				
EC		500 mm		Yes				
Air Flow Volume		Ext Static Pressure		Outlet Velocity		Fan Speed		System Efficiency
4.52 m³/s		450 Pa		4.19 m/s		1721 RPM		60.5 %
Absorbed Power Of System		Size		Full Load Current		Starting Current		Type
2.8 kW		3.6 kW		5.8 - 4.6 Amps		0-10v Signal		EC
Voltage		Motor Speed		VSD		SFP		Frequency @ Duty
400V/3Ph/50Hz		1860 RPM		Included		1255 W/(m³/s)		n/a
Frequency	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
Inlet SWL(dB)	76	78	81	78	73	71	68	65
Outlet SWL(dB)	79	82	88	86	83	78	75	71

OVERALL UNIT DIMENSIONS AND WEIGHT - TBC

Length	Width	Height	Weight
3370 mm	1583mm	1330 mm	1500 kg