



Quotation Number : O139159  
 Project Name : Worcester Church  
 Item Reference: : Kitchen Extract Option

Fan Code : Estoc Targe EC (PowerBox) 67-450-3  
 Customer : JDP  
 Date: : Monday, October 28, 2019

Fan Code	Estoc Targe EC (PowerBox) 67-450-3				
Fan Diameter / Size	450	Regulation 1253/2014			
Form of Running	B	UVU Efficiency	54.0%	Air Density	1.2 kg/m <sup>3</sup> / 20 °C / 0 m / 50% RH
		UVU Target Efficiency	41.2%	Product Number	GF674507
Motor Frame	Integral [ Class F ]	Nominal Flow Rate	1.06 m <sup>3</sup> /s @ 450 Pa		
Motor Rating	0.950 kW (Maximum Power)	Effective Input Power	0.880 kW		
Electrical Supply	380-420 Volts ±10% 50 Hz 3 Phase	Nominal RPM	1400 rpm		

	<b>Duty Point 1</b>	<b>Full Speed</b>
Velocity	6.4 m/s	7.9 m/s
Requested Duty - [Full Speed]	0.92m <sup>3</sup> /s @ 200 Pa (static)	0.92m <sup>3</sup> /s @ 200 Pa (static)
Actual Duty - [Full Speed]	1.03m <sup>3</sup> /s @ 249 Pa (static) speed control	1.26m <sup>3</sup> /s @ 372 Pa (static) speed control
Control Adjustment	8V	10V
Full speed (10V)	1.26m <sup>3</sup> /s @ 372 Pa (static) no controller	1.26m <sup>3</sup> /s @ 372 Pa (static) no controller
Outlet Dynamic Pressure	25 Pa	37 Pa
Input Power	0.51 kW	0.92 kW
Full Load Current	1.7 A	1.7 A
SFP value	0.50 W/(l/s) @ Actual Duty	0.73 W/(l/s) @ Actual Duty
Power from mains	0.51 kW	0.92 kW
Energy Consumption	1535 kWh (3000 h/year)	2762 kWh (3000 h/year)
Running Cost / Year	£184	£331

Some notes to explain the different duty point output options  
 and some more text on the next line



Quotation Number	: O139159	Project Code	: AI-23508-2
Project Name	: Worcester Church	Customer	: JDP
Item Reference:	: Kitchen Extract Option	Date:	: Monday, October 28, 2019

Fan Code	Estoc Targe EC (PowerBox) 67-450-3
Fan Diameter / Size	450
Velocity	6.4 m/s
Form of Running	B
Requested Duty (8V)	0.92m <sup>3</sup> /s @ 200 Pa (static)
Actual Duty	1.03m <sup>3</sup> /s @ 249 Pa (static) speed control
Control Adjustment	8V
Full speed (10V)	1.26m <sup>3</sup> /s @ 372 Pa (static) no controller
Outlet Dynamic Pressure	25 Pa
Input Power	0.51 kW
Full Load Current	1.7 A
Motor Frame	Integral [ Class F ]
Motor Rating	0.950 kW (Maximum Power)
Electrical Supply	380-420 Volts ±10% 50 Hz 3 Phase
Regulation 1253/2014	
UVU Efficiency	54.0%
UVU Target Efficiency	41.2%
Nominal Flow Rate	1.06 m <sup>3</sup> /s @ 450 Pa
Effective Input Power	0.880 kW
Nominal RPM	1400 rpm
SFP value	0.50 W/(l/s) @ Actual Duty
Power from mains	0.51 kW
Energy Consumption	1535 kWh (3000 h/year)
Running Cost / Year	£184
Air Density	1.2 kg/m <sup>3</sup> / 20 °C / 0 m / 50% RH
Product Number	GF674507

Acoustic figures for adjusted running speeds have been interpolated and are for reference only.

This Offer is made subject to the latest version of our A100-19 Terms and Conditions, a copy of which can be made available on request.

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m**
Inlet*	24	73	73	68	66	68	61	55	78	53
Outlet*	24	75	75	71	72	69	63	56	80	56
Breakout*	24	69	65	55	53	52	48	46	71	41

\* Lw dB re 10<sup>-12</sup> W  
 \*\* dBA re 2x10<sup>-5</sup> Pa  
 Sound data at actual duty.

Description	Qty
<b>Fan</b>	
GF674507 - Estoc Targe EC (PowerBox) 67-450-3	1
<b>Accessories</b>	
MTC - MultiControl (EC fans)	1
BI101055 - SOC - Outlet Cover	1
BI101122 - SWR - Weather Cover	1
BI101136 - SMT Mounting Track	1
BI101076 - SFC - Flexible Connection Inlet / Outlet	1
BI101075 - SFC - Flexible Connection Outlet	1
<b>Optional Controllers &amp; Sensors</b>	
<b>Optional Accessories</b>	



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