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STAINLESS TEESSIDE

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10/11/2019

Further to my visit at your premises regarding the installation of a fume extraction system at your premises, we will be installing an extraction system that will achieve the desired performance, and to keep it within the desired council regulations, The design process identified the external inline duct unit as being the most suitable. This comprised of filter pods for secondary filtration, coupled directly to the fan and attenuator and terminating with high velocity cow, we will install a canopy as well as the other parts

- Fitting Specification Description Page Fan 400 JM Flakt Woods single phase long case fan.
- Five Primary Filter Jasun Baffle Filter Stainless steel grease filters.
- A three meters stainless steel canopy 100/55 cm.
- Six stainless steel cladding sheets 0.9 mm thickness.
- Termination Jet Cowl with Mesh Guard Vertical exhaust gas termination, cut to prevent rain ingress, meshed to abate small birds.
- Six meters of pipeline and one meter above the roof.

fan specification

EMAIL TWITTER HANDLE TELEPHONE LINKEDIN URL

SOUTH TYNESIDE COUNCIL
05 DEC 2019
PLANNING

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Technical Data Sheet

JM Aerofoil

Project Name	:	jm single phase pdf
Quotation Number	:	
Customer	:	nfs

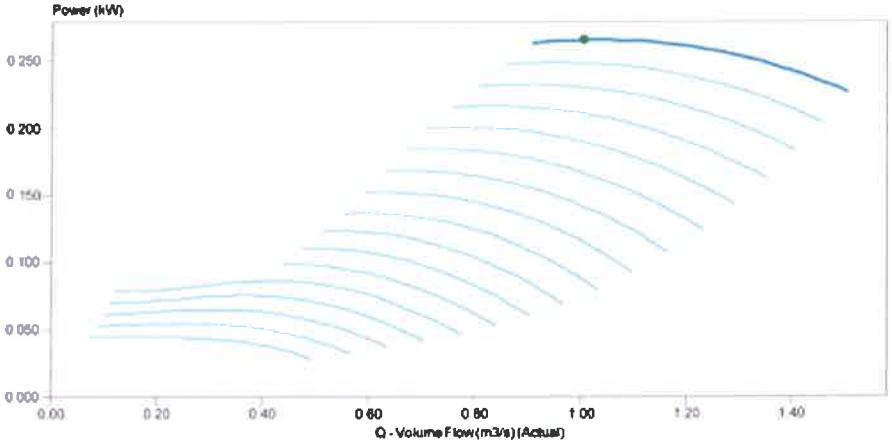
FanCode	40JM/16/4/5/40
FanDiameter/Size	400mm
Blades	5
FanSpeed	1420 rpm
Velocity	8.0 m/s
BladeAngle	40°
Form of Running	B
FanCasing	Long
RequestedDuty	1.01m³/s @ 110Pa (static)
OutletDynamic Pressure	38 Pa
DutyShaft Power	0.265kW
MaxShaft Power	0.271kW
Total Efficiency	56 %
MotorFrame	BT9
Motor Rating	0.320kW
Full LoadCurrent	2.2A
StartingCurrent	5 A
MotorMounting	Pad
ElectricalSupply	220-240 Volts 50 Hz 1 Phase
StartType	DOL
Motor Winding	Standard
Enclosure	StandardAll
AirDensity	1.2 kg/m³ /20 °C / 0 m / 50% RH
Smoke Venting	Non Smoke Venting
ProductNumber	DX411452

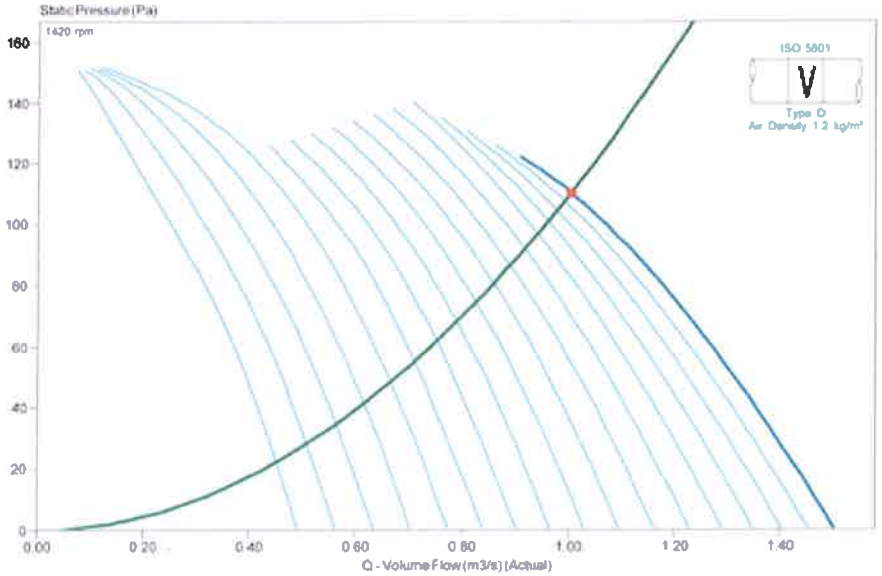
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Northern Fan Supplies Ltd
Performance Chart
JM Aerofoil

Project Name	: jm single phase pdf	Date:	: Saturday, August 20, 2011
Quotation Number	:	Fan Code	: 40JM/16/4/5/40
Customer	: nfs	Item Reference:	:





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Standard construction baffle style grease filters with Aluminum frame.
These filters are designed for use in commercial kitchens and ventilation from food preparation areas, where their primary function is to reduce flame from traveling from the cooking area up into the extract duct. They are manufactured by rolling Aluminum to create a series of baffle plates which are welded onto a sub frame. The sub frame is then wrapped with the outer frame.