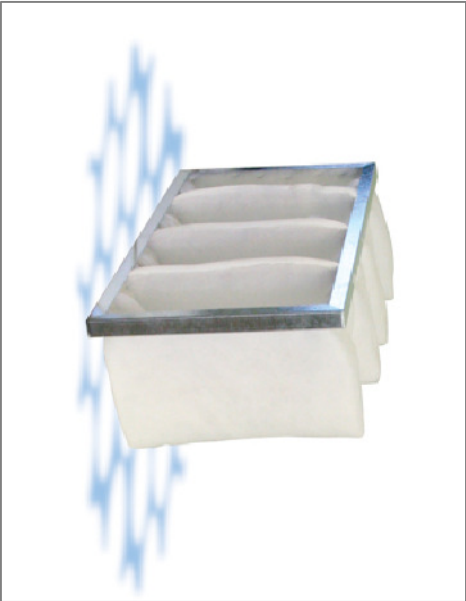


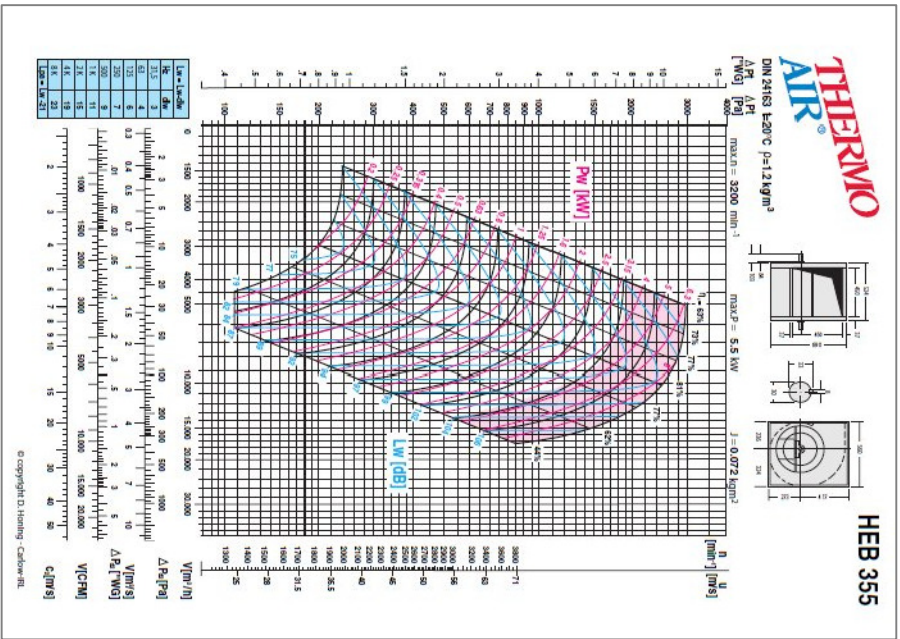
HEB 355 5.5kW 4 POLE  
1450RPM FAN UNIT DUTY  
1.5M3/S X 650PA



EXISTING BAFFLE GREASE FILTERS  
WITHIN KITCHEN CANOPY



PLEATED G4 BAG FILTERS  
WITHIN AHU CASING 4 NO  
600X600X100



EXISTING FAN CURVE DETAILS.  
FAN DUTY 1.5M3/S X 650PA



ACTIVATED CARBON  
FILTERS WITHIN AHU  
CASING 6 NO 600X600X300

**DUCT SIZING OVERVIEW**

AIR DUTY OF 1.5M3/S IN DISCHARGE STACK WITH AIR VELOCITY OF 7M/S GIVES 1.0PAM FRICTION LOSS WITH DUCT

DIAMETER OF 520MM. RECTANGULAR DUCT EQUIVALENT DIMENSIONS ARE 500MM X 450MM

WITHIN KITCHEN AIR VEL OF 8M/S GIVES 1.6PAM FRICTION LOSS WITH DUCT DIAMETER OF 480MM

HIGH VELOCITY DISCHARGE OF 12M/S REQUIRES DISCHARGE CONE OF 400mm DIA.

**NOTES:**

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Dimensions to be checked on site before commencing work. Any discrepancies shall be reported to the project architect immediately.

Do not scale from these drawings except for planning purposes. Use figured dimensions only.

Where applicable this drawing is to be read in conjunction with other consultants' drawings.

All dimensions are in millimetres unless otherwise stated

Issue: FOR PLANNING APPROVAL			
Rev	Date	Amendment	Checked
Douglas Price Chartered Engineers & Surveyors Planning Supervisors - Project Managers Trent, Chelmsford Avenue, Chelmsford, CV11 3DD Telephone: 01283 788534 Fax: 01283 776062 Email: enquiries@dpconsultants.co.uk			
Contractor			
Architects			
Project Managers			
For			
MR AYTHAN OVER			
Project			
REVISED KITCHEN EXTRACT SYSTEM CRYSTAL CAFE 66 MANSFIELD ROAD WEST SUSSEX HAMPTSTEAD			
Drawing			Scale:
EQUIPMENT SPECIFICATIONS FOR PLANNING APPROVAL			NTS
Date: MARCH 2012	Drawn: JDP	Checked: JDP/DPF	
Job number:	Drawing number:	Revision:	
1011	P	06	