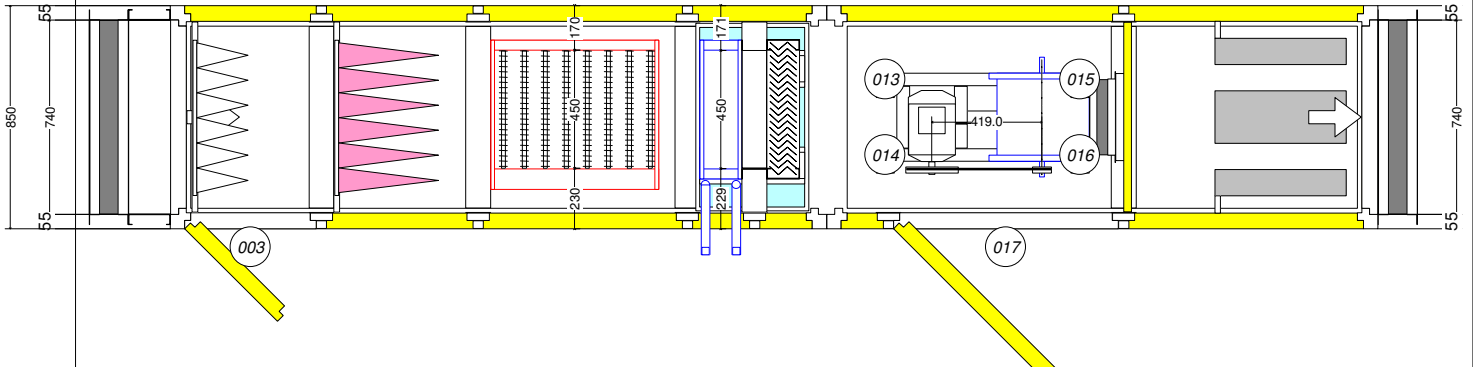
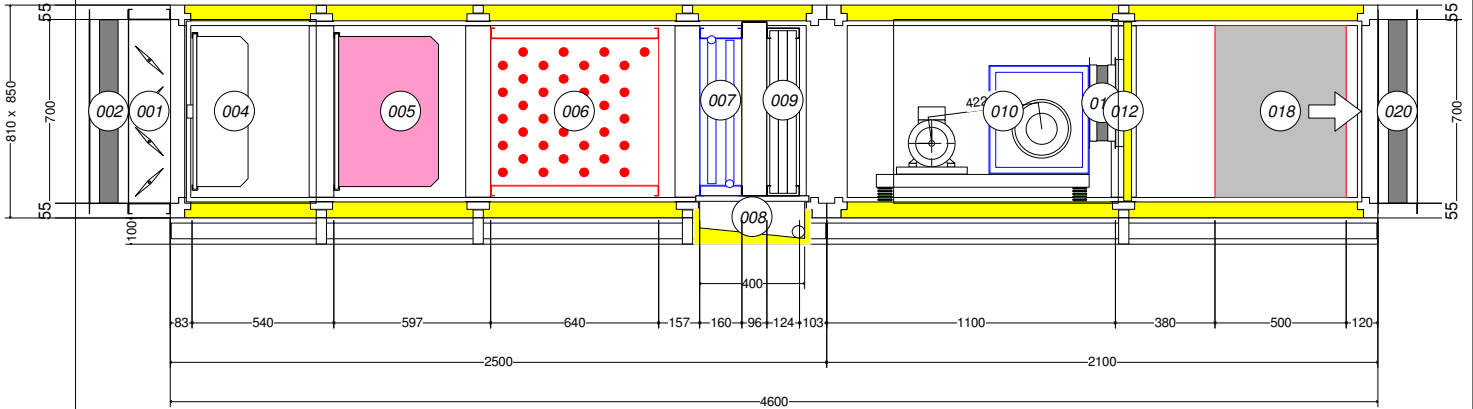
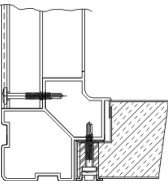


09/06/2008	04/07/2008	P 1 / 8	57732135	A=AAINGINWZUSIY[[_acepnp 00030000	Nexus-1 ver.602.3015 NXSCSTSVRI-L069	0
Project 3618					Model YMA - 0810H-0850W	
Ref. AHU-Akku-be-mod					Flow 0.70 m3/s	

01	FA DAMPER 700 x 740 mm	04	G4	05	F7	06	29.7 kW - 4 Step
07	P40-16AR 3R-14T-450A-2,5Pa Cu/Al	10	RDH 225 R - 3754 RPM - 1.10 kW	18	500 mm x 200 mm x 100 mm	19	FA DAMPER 700 x 740 mm



PANELS / FRAME			Break out Airborne sound power (dB)								
	Thickness	60 mm		A	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	8 KHz
	Insulation	polyurethane 40 kg/m3		59.8	69	55	58	55	47	28	22
	External sheet	CA26-06	Preplasticized steel sheet 0.6 mm - WHITE A26	Mechanical characteristics (EN1886)							
	Internal sheet	CZINC06	Galvanised Steel 0.6 mm -	Casing strength	Casing air leakage	Thermal transmitt.	Thermal bridging				
ALUMINIUM FRAME		PR55		D1	L1	T3	TB4				
BASE FRAME		CBZN{ H = 100 mm }									

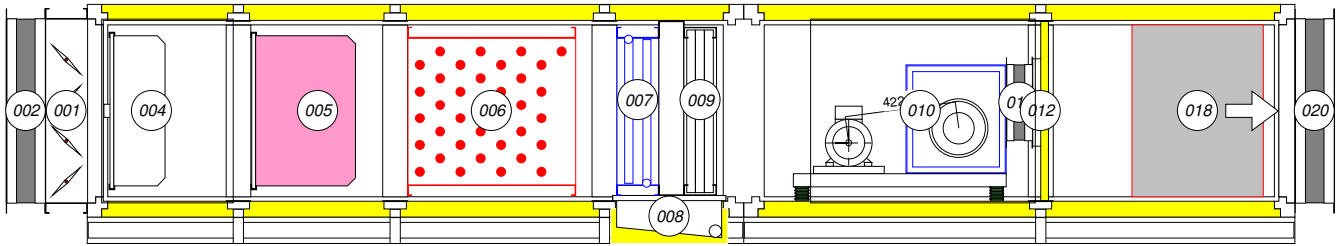
NOTE :

Total weight
541 kg



SOUND DATA

09/06/2008	04/07/2008	P 2 / 8	57732135	A=AAINGINWZUSTYI[_acepnp]	Nexus-1 ver.602.3015	0
Project				00030000	NXSCSTSVRI-L069	
3618					Model	
YMA - 0810H-0850W					Flow	
Ref. AHU-Akku-be-mod					0.70 m3/s	




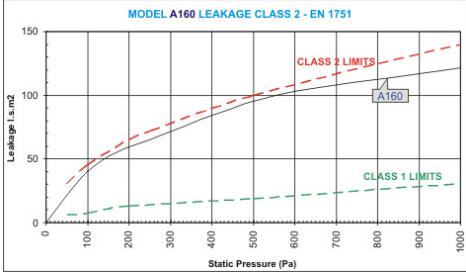
IN-DUCT SOUND POWER LEVEL dB


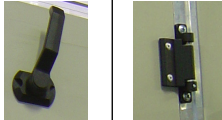
		125	250	500	1000	2000	4000	8000	A
	INLET	78	73	69	62	58	46	41	70.4
004	G4	-1	-1	-1	-1	-3	-3	-4	
005	F7	-3	-4	-7	-10	-10	-13	-13	
007	P40-16AR 3R-14T-450A-2,5Pa Cu/Al	-2	-2	-2	-2	-3	-3	-3	
010	RDH 225 R - 3754 RPM - 1.10 kW	84	80	79	75	74	65	61	81.3
018	500 mm x 200 mm x 100 mm	-4	-8	-15	-20	-23	-16	-11	
	OUTLET	80	72	64	55	51	49	50	68.3


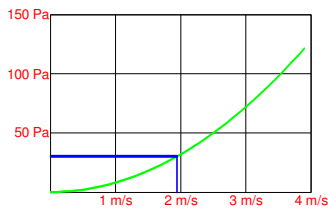

AIRBORNE SOUND POWER LEVEL dB

	125	250	500	1000	2000	4000	8000	A
	69	55	58	55	47	28	22	59.8

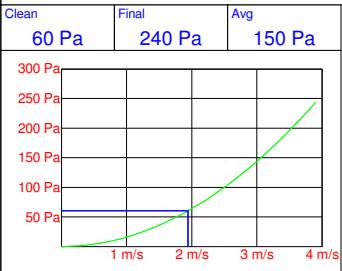

09/06/2008	04/07/2008	P 3 / 8	57732135	A=AAINGINVMZUSIYI[_acepnp]	Nexus-1 ver.602.3015	0
Project				00030000	NXSCSTSVRI-L069	
3618					Model	
AHU-Akku-be-mod					YMA - 0810H-0850W	
Ref.					Flow	
					0.70 m3/s	

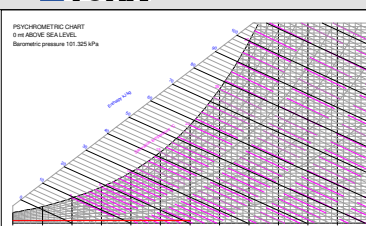
001	FRESH AIR					
	Flow 0.70 m3/s	Dimensions 700 x 740 mm	Model A160	Air vel. 1.35 m/s	Pressure drop 1 Pa	
	Damper Yes	Flexible connection Yes	Louvre No	Actuator NO		

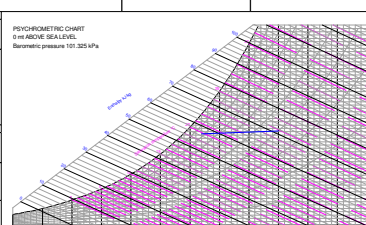
003	ACCESS DOOR					
	Dimensions 700 x 500 mm	Handles + Hinges				
						

004	FILTERS							
	STAGE #	Air Volume	CLASS	TYPE	Model	QTY. FULL SIZE	QTY. HALF SIZE	LENGTH MM
	1	0.70 m3/s	G4	BAG	HICAP-195-G4	1	0	195 mm
	Frame				Galvanised Steel			
	Clean		Final	Avg				
30 Pa		185 Pa	107 Pa					
								
ACCESSORIES								

09/06/2008	04/07/2008	P 4 / 8	57732135	A=AAINGINVMZUSIYI[_acepnp]	Nexus-1 ver.602.3015	0
Project				00030000	NXSCSTSVRI-L069	
3618					Model	
AHU-Akku-be-mod					YMA - 0810H-0850W	
Ref.					Flow	
					0.70 m3/s	

005								YORK		
FILTERS										
STAGE #	Air Volume	CLASS	TYPE	Model	QTY. FULL SIZE	QTY. HALF SIZE	LENGTH MM			
1	0.70 m3/s	F7	BAG	SFLOW-380-F7	1	0	380 mm			
Frame								Galvanised Steel		
1										
Clean 60 Pa			Final 240 Pa			Avg 150 Pa				
										
ACCESSORIES										

006				YORK	
ELECTRIC HEATER					
Flow	0.70 m3/s	Total load	29.7 kW	Stages	4
Pressure Drop	80 Pa	In		Out	
DB	-15.00	°C		DB	20.00
					

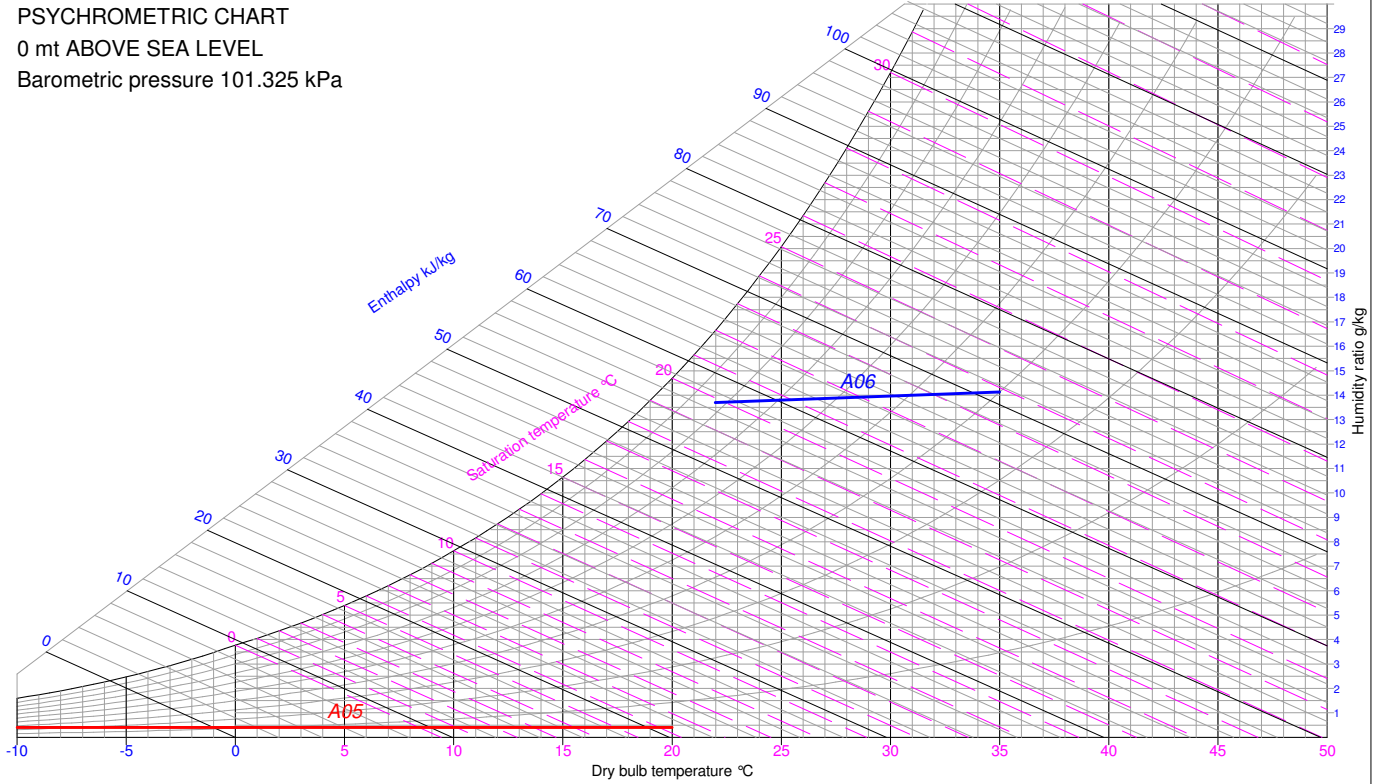
007								YORK	
COOLING COIL									
Flow	0.70 m3/s	Qty	1	Model	P40-16AR 3R-14T-450A-2,5Pa Cu/Al [0 mt]	5.60 dm3	18.56 m2	Air dens.	1.225 kg/m3
Air side	DB	WB	UR	Total load	Sensible load	Air vel.	Pressure Drop		
In	35.00 °C		40.00 %	1x12.4 kW	1x11.5 kW	2.78 m/s	124 Pa		
Out	21.98 °C		82.70 %						
WATER	temp.	Water flow	Water P.D.	Water vel.	Connection size				
In	7.00 °C	1 x 0.59 l/s	19 kPa	1.02 m/s	1"				
Out	12.00 °C				1"				
NC	Fins material	Tubes material	Headers	Frame	Flange	Counterflange			
3	AL@0.13mm	CU@0.40mm	Steel	Galvanised steel	NO	NO	[1320][2.90RT][2][53][23.0]		

008		YORK	
DRAIN PAN			
Material	C304-12	Drain size	48.00 mm

009				YORK	
MOISTURE ELIMINATOR					
Flow	0.70 m3/s	Dimensions	1 x 640 x 530 mm	bends #	3
Air vel.	2.78 m/s	Blades material	DH2500	Frame material	CAL--15
Pressure Drop					25

09/06/2008	04/07/2008	P 6 / 8	57732135	A=AAINGINWZUSIYI[_acepnp]	Nexus-1 ver.602.3015	0
Project				00030000	NXSCTSVPRI-L069	
3618					Model	
AHU-Akku-be-mod					YMA - 0810H-0850W	
Ref.					Flow	
					0.70 m3/s	

PSYCHROMETRIC CHART
 0 mt ABOVE SEA LEVEL
 Barometric pressure 101.325 kPa

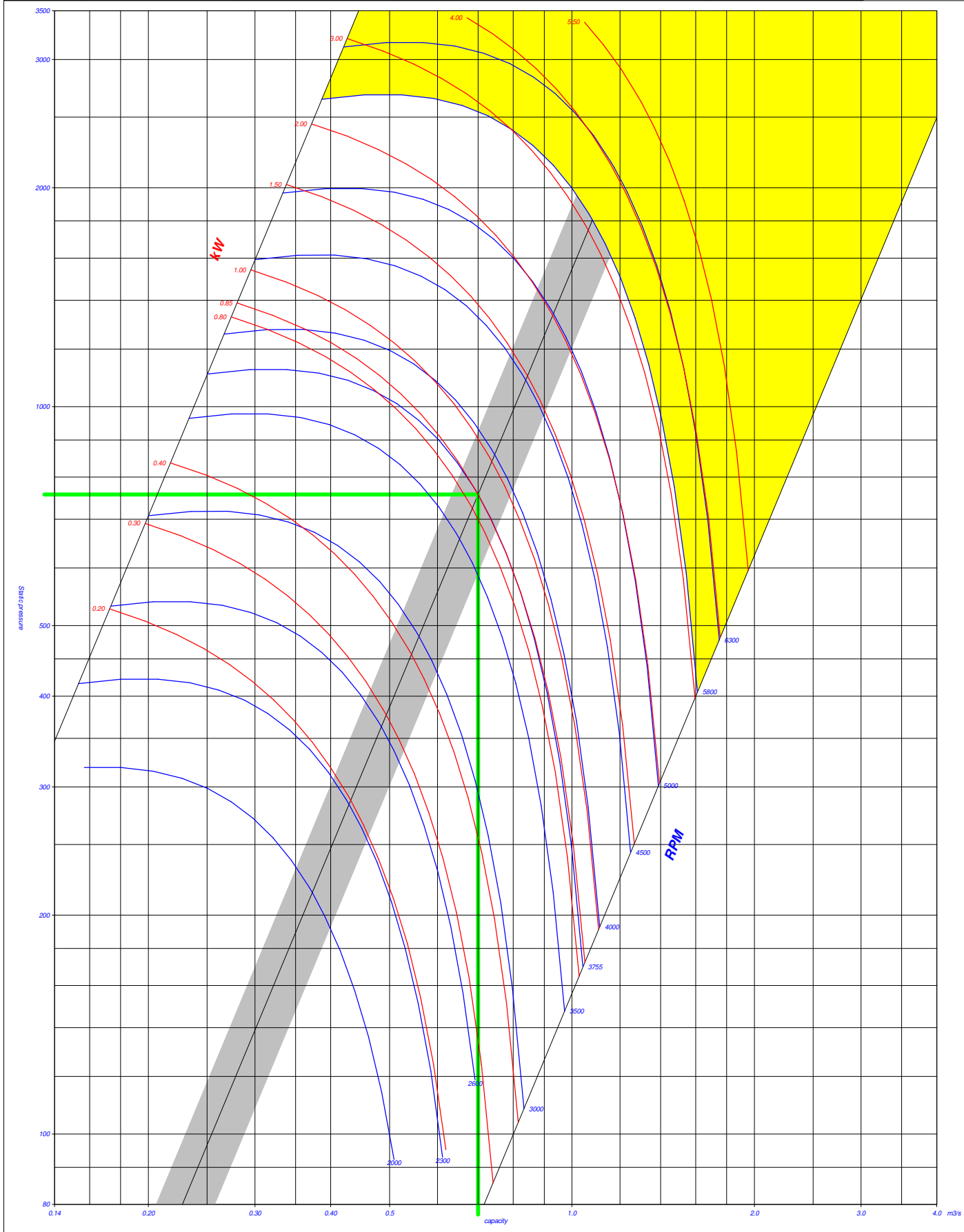


	Inlet					Outlet					Total Load	Sensible Load
	Dry Bulb	Wet Bulb	Rel. Humidity	Enthalpy	Abs. Humidity	Dry Bulb	Wet Bulb	Rel. Humidity	Enthalpy	Abs. Humidity		
	°C	°C	%	kJ/kg	g/kg	°C	°C	%	kJ/kg	g/kg	kW	kW
A05	-15.00	-16.27	40.00	-14.09	0.41	20.00	6.30	2.83	21.15	0.41		
A06	35.00	23.92	40.00	71.45	14.13	21.98	19.88	82.70	56.92	13.70		

FAN OPERATING POINT

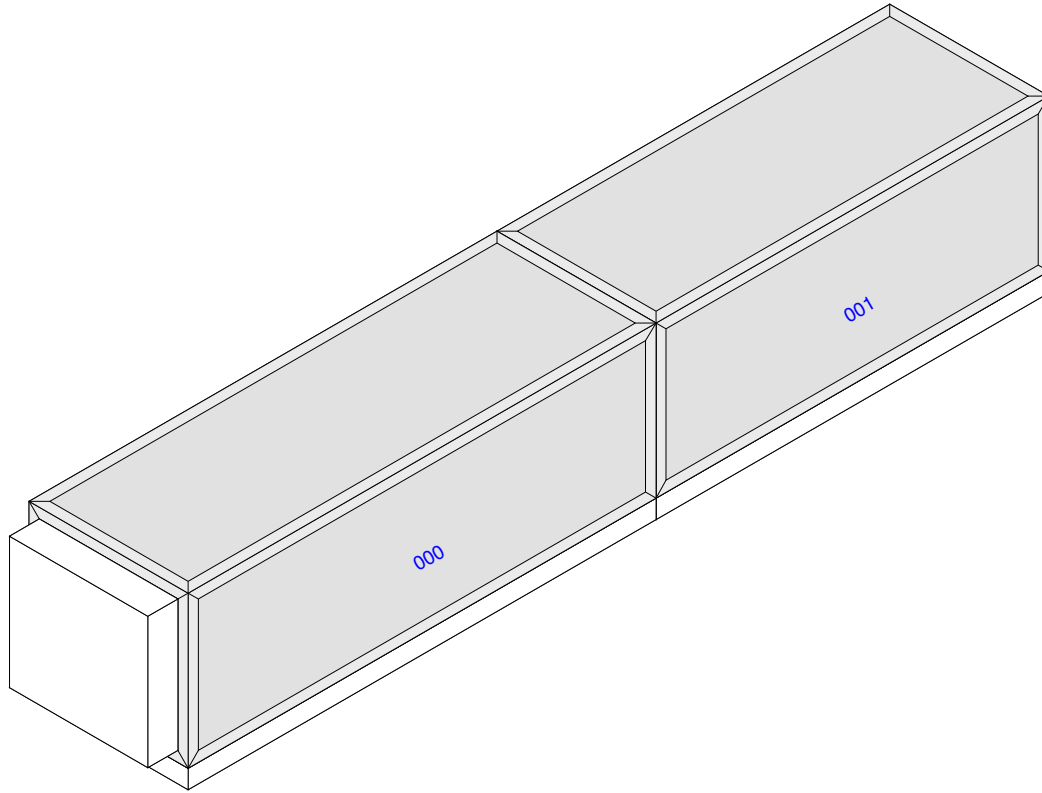
09/06/2008	04/07/2008	P 7 / 8	57732135	A=AAINGINVMZUSIYI[_acepnp]	Nexus-1 ver.602.3015	0
Project				Model		
3618				YMA - 0810H-0850W		
Ref.					Flow	
AHU-Akku-be-mod					0.70 m3/s	

Item	Model	Air Volume	Static Press.	RPM	Shaft power
010	RDH 225 R	0.70 m3/s	757 Pa	3755	0.85 kW



DATA SHEET

09/06/2008	04/07/2008	P 8 / 8	57732135	A=AAINGINVMZUSIYI[_acepnp]	Nexus-1 ver.602.3015	0
Project				00030000	NXSCSTSVRI-L069	
3618					Model	
YMA - 0810H-0850W					Flow	
Ref. AHU-Akku-be-mod					0.70 m3/s	



ITEM	Dimensions			Shipping dimensions			
	L mm	W mm	H mm	L mm	W mm	H mm	Kg
--000	2500	850	910	0	0	0	326
--001	2100	850	910	0	0	0	215