

PRODUCT

(AIR CIRCULATION UNIT)

Elim Electronics Corp Heat Recovery Ventilator

EEC ELIM Electronics Corp.

232-4 Jeori, Seung-gue-Eup, Chonan
ChungNam, Korea 331-836
T) 041-622-1701 F) 041-622-1704

www.elimcom.com

Product Introduction

Type	Heat Recovery Ventilation
Ceiling Install	EEV-M150,M250,M350, M500,M800 M1000,M1500, M2000,M2500,M3000
Ceiling Interior Down	EEV-08N150G, 08N250G,08N350G
Ceiling Interior ABS	EEV-08N150C, 08N250C,08N350C
Floor Stand-Alone	EEV-ST400,ST450



MODEL : EEV-

08N

150

C

ELIM
Energy
Ventilator

08N – 2008 New
ST – Stand Alone
M – Machine
CO - Convertable

CMH
150,250,350,400
500,800,1000,
1500,2000,2500
3000

C – Ceiling
down
G – Gate
down

NO.	Type	Model	SIZE	Efficiency(%)		Noise (DB)	Pressure (Pa)	Power (w)	Fan Motor	Capa (CMH)	Frenge (D)	Outlook	
				Heat	Cool							Body	Door
1	Ceiling Interior Down Type	EEV-08N150G	630*210*600	70	45	38	100	70	BLDC	150	125	Ivory	Blue
2		EEV-08N250G	750*250*650	70	45	38	120	93	BLDC	250	125/150	Ivory	Blue
3		EEV-08N350G	750*350*650	70	45	40	150	132	BLDC	350	150	Ivory	Blue
4	Ceiling Interior ABS Type	EEV-08N150C	630*210*630	70	45	38	100	70	BLDC	150	125	Ivory	Blue
5		EEV-08N250C	630*250*630	70	40	38	120	93	BLDC	250	125/250	Ivory	Blue
6		EEV-08N350C	630*350*630	70	40	40	150	132	BLDC	350	150	Ivory	Blue
7	Ceiling Install Standard Type	EEV-M150	790*250*500	70	45	38	100	100	AC	150	125	Ivory	Blue
8		EEV-M250	880*320*740	70	45	40	120	153	AC	250	125/150	Ivory	Blue
9		EEV-M350	880*320*740	70	45	40	150	195	AC	350	150	Ivory	Blue
10		EEV-M500	980*370*740	70	45	45	150	255	BLDC	500	150/200	Ivory	Blue
11		EEV-M800	1200*530*840	70	45	45	180	470	BLDC	800	200/250	Ivory	Blue
12		EEV-M1000	1200*530*840	70	45	45	200	590	BLDC	1000	200/250	Ivory	Blue
13		EEV-M1500	1540*595*1100	65	35	50	250	946	AC	1500	250/300	Insul	Blue
14		EEV-M2000	1540*595*1100	65	35	50	250	1130	AC	2000	250/300	Insul	Blue
15		EEV-M2500	1540*595*1100	65	35	50	300	1138	AC	2500	300/350	Insul	Blue
16		EEV-M3000	1720*704*1100	65	35	50	300	1155	AC	3000	350	Insul	Blue
17	Stand Alone Type	EEV-ST400	1200*630*360	70	45	45	0	255	BLDC	400	200/250	Ivory	Blue
18		EEV-ST450	1200*630*360	70	45	45	0	255	BLDC	450	200/250	Ivory	Blue



Specification of Ceiling Type HRV Unit

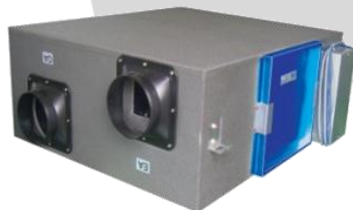
Ceiling 150CMH



Ceiling Standard



Ceiling ABS Type



Ceiling Install

Item	Unit	Spec.
Capacity	m ³ /h	150 / 108 / 80
Power Consumption	W	100
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 10
Sound Level	DB	Max. 38
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	630 x 210 x 600 (mm)
Flange (Duct Suspension) SIZE	D	Ø125 x 4EA
Net Weight	Kg	20

※ The specifications are subject to change without notice for improvement.

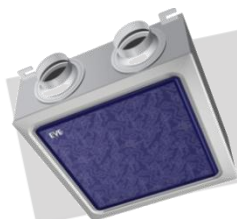


Specification of Ceiling Type HRV Unit

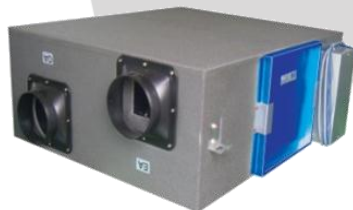
Ceiling 250CMH



Ceiling Standard



Ceiling ABS Type



Ceiling Install

Item	Unit	Spec.
Capacity	m ³ /h	250 / 230 / 188
Power Consumption	W	120
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 12
Sound Level	DB	Max. 40
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	700 x 250 x 650
Flange (Duct Suspension) SIZE	D	Ø150 x 4EA
Net Weight	Kg	25

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Specification of Ceiling Type HRV Unit

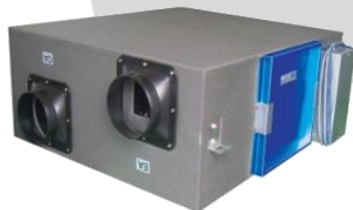
Ceiling 350CMH



Ceiling Standard



Ceiling ABS Type



Ceiling Install

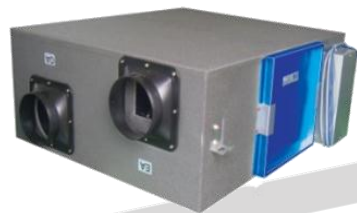
Item	Unit	Spec.
Capacity	m ³ /h	350 / 282 / 227
Power Consumption	W	190
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 15
Sound Level	DB	Max. 38
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	700 x 250 x 650
Flange (Duct Suspension) SIZE	D	Ø150 x 4EA
Net Weight	Kg	25

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Specification of Ceiling Type HRV Unit

Ceiling 500CMH



Ceiling Install

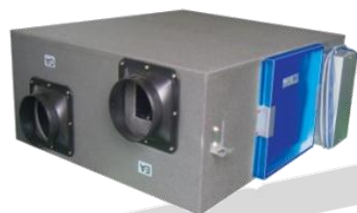
Item	Unit	Spec.
Capacity	m ³ /h	500 / 420 / 370
Power Consumption	W	185
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 20
Sound Level	DB	Max. 45
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	980 x 370 x 740
Flange (Duct Suspension) SIZE	D	Ø200 x 4EA
Net Weight	Kg	45

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Specification of Ceiling Type HRV Unit

Ceiling 800CMH



Ceiling Install

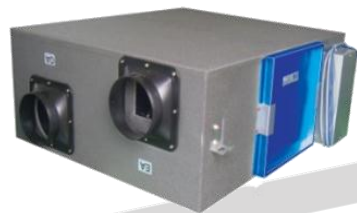
Item	Unit	Spec.
Capacity	m ³ /h	800 / 650 / 570
Power Consumption	W	400
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 20
Sound Level	DB	Max. 50
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1200 x 530 x 840
Flange (Duct Suspension) SIZE	D	Ø250 x 4EA
Net Weight	Kg	70

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Specification of Ceiling Type HRV Unit

Ceiling 1000CMH



Ceiling Install

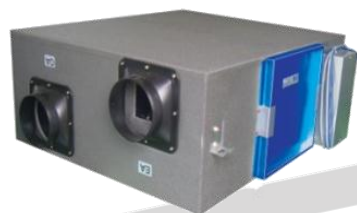
Item	Unit	Spec.
Capacity	m ³ /h	1000 / 840 / 716
Power Consumption	W	400
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 20
Sound Level	DB	Max. 50
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1200 x 530 x 840
Flange (Duct Suspension) SIZE	D	Ø250 x 4EA
Net Weight	Kg	70

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Specification of Ceiling Type HRV Unit

Ceiling 1500CMH



Ceiling Install

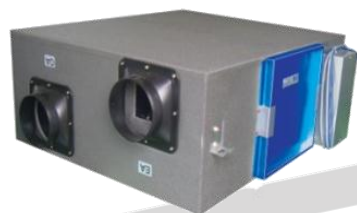
Item	Unit	Spec.
Capacity	m ³ /h	1500 / 1250 / 1100
Power Consumption	W	900
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 25
Sound Level	DB	Max. 50
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1540 x 595 x 1100
Flange (Duct Suspension) SIZE	D	Ø300 x 4EA
Net Weight	Kg	83

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Specification of Ceiling Type HRV Unit

Ceiling 2000CMH



Ceiling Install

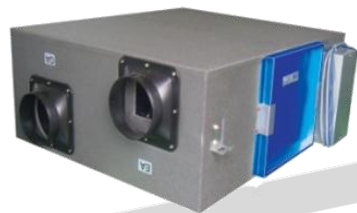
Item	Unit	Spec.
Capacity	m ³ /h	2000 / 1720 / 1130
Power Consumption	W	1100
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 25
Sound Level	DB	Max. 50
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1540 x 595 x 1100
Flange (Duct Suspension) SIZE	D	Ø300 x 4EA
Net Weight	Kg	83

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Specification of Ceiling Type HRV Unit

Ceiling 2500CMH



Ceiling Install

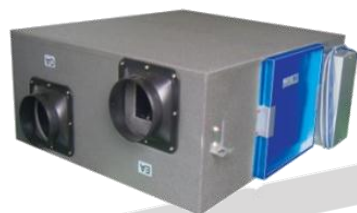
Item	Unit	Spec.
Capacity	m ³ /h	2500 / 2100 / 1800
Power Consumption	W	1150
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 30
Sound Level	DB	Max. 50
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 70%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1720 x 704 x 1100
Flange (Duct Suspension) SIZE	D	Ø350 x 4EA
Net Weight	Kg	110

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Specification of Ceiling Type HRV Unit

Ceiling 3000CMH



Ceiling Install

Item	Unit	Spec.
Capacity	m ³ /h	3000 / 2480 / 2120
Power Consumption	W	1180
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 30
Sound Level	DB	Max. 50
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 35% / Heat 65%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1720 x 704 x 1100
Flange (Duct Suspension) SIZE	D	Ø350 x 4EA
Net Weight	Kg	110

※ The specifications are subject to change without notice for improvement.

Specification of Ceiling Type HRV Unit

Stand-Alone 450CMH



Floor Stand-Alone



Front Control Panel



Remote Control Unit

Item	Unit	Spec.
Capacity	m ³ / h	450 / 375 / 250
Power Consumption	W	380
Power Source	V	220V / 60Hz
Operation		4 Stage Control (High/Mid/Low / AUTO)
Control Switch	LCD	Wired ROOM CONTROL
External Static Pressure	mmAq	Min. 10
Sound Level	DB	Max. 45
Temperature Recovery Efficiency	%	Cool 65% / Heat 85%
Enthalphy Recovery Efficiency	%	Cool 45% / Heat 75%
Element (HRV Core)	Pulp	Inchon Univ. / Mitsubishi (Eunsung)
Blower Motor	SIROCCO	TOP AIR (BLDC/ Korean Made)
Basic Filter & Option Filter		Basic : PRE * 2EA (Nonwoven *Fabric)
External Finish	GI	Environmental Galvanized Steel over 0.8t
External Color	COLOR	Body – White Ivory ,Cover – Blue
Size (mm)	W*H*D	1200 x 360 x 640
Flange (Duct Suspension) SIZE	D	Ø250 x 1EA (Exhaust/Supply one body)
Net Weight	Kg	68

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www.elimcom.com



HEAT EXCHANGE ELEMENT



1. Specification

1-1 Materials

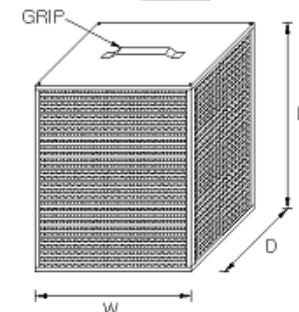
1) Linear Element : L01

Item	Unit	Spec	Standard
Volume	G / m ²	44.0	KS M ISO 536:2006
Thickness	μm	35	KS M ISO 534:2006
Humidity	G / m ² .24h	Min. 6650	KS M 7019:2001(40℃ 90%RH)
Permiability	sec	Min. 2000Sec	KS M 7021 : 2001 (Gurley)
Burn	cm	Max. 10	KS F 2819:2005,A Rule(Flame time 10sec)
Tensile	N/15m m	MD:59.1	KS M ISO 1924-2:2006
		CD:5.5	

2) Spacer Element : S01

Item	Unit	Spec	Standard
Volume	G / m ²	50.3	KS M ISO 536:2006
Thickness	μm	70.5	KS M ISO 534:2006
Tensile	Kg-f	MD:7.60	KS M ISO 1924-2:2006
		CD:1.78	
Tensile	N/15 mm	MD:37.3	KS M ISO 1924-2:2006
		CD:94.3	

Item	W	D	H	p	h	Type
High Efficiency	Width	Depth	Height	4.8	2.0	DC20
Standard	가로	세로	높이	5.6	2.6	DC26





2. Merit of ELIM HRV Element

- ◆ This is non-flammable Material as Grade #2 Fire Resist.
- ◆ Multifunctional Heat Recovery Efficiency Element
(Normal , Special: Silver Nano, bacteria free)
- ◆ Strong Humidity , Outstanding Durability and Dynamic Stability
- ◆ High Efficient Environmental Products.
- ◆ Maximum Size is 31.5" X 31.5" (0.8m X 0.8m)
- ◆ HRV Element Frame is assembled with 0.6~1mm Galvanized steel.
- ◆ Frame Corner will be adhesive Silicone for prevent leakage.



HEAT EXCHANGE ELEMENT

3. Test Approval for Materials

[illegible][illegible]



원광주원분석센터

09991-13021 / 0210-852-0123 / 044-261-1000
 FAX: 09991-13022 / 0210-852-0124
 044-261-1001

접수번호 : 0210-09-00208
 계번호 : 2304

시정 목적

시정 절차

(01) 동시성분율 : mg/kg

성분	단위	시정방법	시정량	시정농도
카드뮴 (Cd)	시정농도	05 / 127		
크롬 (Cr)	시정농도	05/04 / 3032		7mg/kg
4-부틸 페놀	시정농도	05/04 / 3032		
3-부틸 페놀 (3P, 4P)	시정농도	05/04 / 3032		0.7mg/kg

참고 : 각 항목의 시정농도(단위)는 100%출발 농도를 100-120%의 범위에서 결정한다. (05/04/3032/05/04/3032/05/04/3032)





[illegible]



서한성적서

서한성적서 작성지침서

서한성적서 작성지침서

성명 : 김민서 (金敏書) (성명)

성별 : 여 (性別)

생년월일 : 2005.05.14 (생년월일)

학번 : 2023-001234 (학번)

학교명 : 서울대학교 (학교명)

학과명 : 컴퓨터공학부 (학과명)

2023년 05월 14일 현재까지의 성적표와 관련된 사항을 증명합니다.

성명 : 김민서 (성명)

성별 : 여 (성별)

생년월일 : 2005.05.14 (생년월일)

학번 : 2023-001234 (학번)

학교명 : 서울대학교 (학교명)

학과명 : 컴퓨터공학부 (학과명)

1. 성적표 (성적표) : 2023.05.14 (성적표)

2. 성적표 (성적표) : 2023.05.14 (성적표)

3. 성적표 (성적표) : 2023.05.14 (성적표)

4. 성적표 (성적표) : 2023.05.14 (성적표)

5. 성적표 (성적표) : 2023.05.14 (성적표)

6. 성적표 (성적표) : 2023.05.14 (성적표)

7. 성적표 (성적표) : 2023.05.14 (성적표)

8. 성적표 (성적표) : 2023.05.14 (성적표)

9. 성적표 (성적표) : 2023.05.14 (성적표)

10. 성적표 (성적표) : 2023.05.14 (성적표)

서한성적서 작성자

서한성적서 작성자

Environmental (ROHS) Approval

Approval for
Non-Flammable G2

Approval for Raw Material

[illegible]

 QualiAir SPECIFICATION	
GRADE: QUADCOB-WITH	CUSTOMER:
Lot No.	DATE: 2007-10-28
	SPEC: T81 Report
SIZE WEIGHT:	4"X 4" 1.5X 1.5 13.2
THICKNESS:	mm 0.43 X 1.5X 0.43
SAC MEMBRANE PEE	
MOIST. TO 10.0% (max)	mmHg/24
Water Vapor	% Below 2.0 1.00
Water Diffusivity	% Day 80 36.410
DOF IN MEMBRANE PEE	
MOIST. TO 10.0% (max)	mmHg/24
Air Permeance	mmHg/24
Air Flow Permeance	mmHg/24
BURST STRENGTH / WALLS	121/14
TENSILE STRENGTH 50% Air Humid	
Secant Mod. E (100%)	100/120
Tensile Elongation (100% air)	145/120
The distance between the two ends of specimen: 5.70cm	
AIR PERMEABILITY	
Permeance (100% air)	224/100
AIR DETENTION	
Permeance (Sat. Air Pressure)	224/100
Detention Factor (air)	mm
Water Vapor (air)	mm
Water Vapor (air)	mm
DEVELOPED BY: APPROVED BY:	
HANCOCK AIR TECH. GROUP INC. 10000 W. 10TH AVE. SUITE 1000, DENVER, CO 80231-1000 TEL: 303.440.4400 FAX: 303.440.4401 WWW.HANCOCKAIRTECH.COM	

fire 원강전자문서센터 원강전자문서센터 1674-1675	(주)원강전자문서센터 02-557-0100 원강전자문서센터 1674-1675 02-557-0100	
	1674-1675	
시 험 성 적 서		
성명 : 원강전자문서센터 성 : 원 강 성 : 강 성명 : 강원강 국문 : 1997-01-01	회사명 : 원강전자문서센터 회사등록 : 1997-01-01 사업자번호 : 233-01-01-1 영세사업자 : 1997-01-01 법 도 : 서울특별시 법 인 : 1명	
사 주 : 원강전자문서센터(주)		
대표이사 : 원강전자문서센터 대표이사 강원강(1명)		

[illegible]

Approval for Raw Material

Approval for HEPA , Carbon Filter

Blower Motor (BLDC)

1. Specification



NO	DESCRIPTION	Q'TY	MATERIAL
1	IMPELLER	1	GI
2	MOTOR	1	ASS'Y
3	HOUSING	1	AL
4	PIS BOLT	5	
5	BOST(M4)	4	

구분	TIST-660-SS-4060A12A SIROCO FAN		
Input Power	220V * 60Hz		
Volume Control	HIGH	MID	LOW
Operation Voltage	20	15	10
R.P.M (±100RPM)	1877	1612	703
Power Consumption(±10%)	165W	118W	100W
Current (±10%)	0.82A	0.68A	0.61A
Capacity (±10%)	450 CMH	382 CMH	327 CMH



Blower Motor (BLDC)



2. Test Report (High Speed Test)

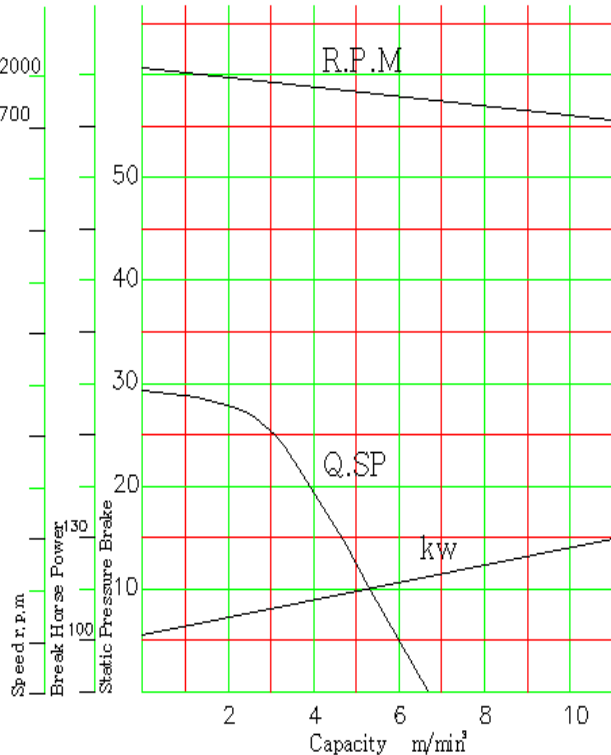
MOTOR		Type : Single Phase BLDC Motor					POLE : 2 P		Voltage : 220	
		Output : 0.06KW					Frequency : 60 Hz		Current : 0.63 A	
Indication		Number of test		1	2	3	4	5	Speed r.p.m Break Horse Power Static Pressure Capacity m³/min R.P.M Q.SP kw	
Total Press	(Pt)mmAq			54.70	30.70	25.86	21.04	16.21		
Static Press	(Ps)mmAq			54.70	30.00	25.00	20.00	15.00		
Dynamic Press	(Pd)mmAq			0.00	0.70	0.86	1.04	1.21		
Velocity	(V)m/sec									
Capacity	(Q) m³/min			0.00	6.37	7.06	7.76	8.38		
Air Power	(A) KW									
Revolution	(N)rpm			2985	2250	2074	1877	1696		
Efficiency	(n)%									
MOTOR	Voltage	(E) Volt								
	Ampere	(I) Amp			0.72	0.79	0.80	0.82	0.83	
	Efficiency	(nm) %								
	INPUT POWER (W)			127.0	156.0	161.0	165.0	169.0		
Noise Level	dB							39.8		



Blower Motor (BLDC)



3. Test Report (Midium Speed Test)

MOTOR		Type : Single Phase BLDC Motor					POLE : 2 P		Voltage : 220			
		Output : 0.06KW					Frequency : 60 Hz		Current : 0.63 A			
Indication		Number of test		1	2	3	4	5				
Total Press	(Pt)mmAq			29.20	25.16	20.24	15.39	10.49				
Static Press	(Ps)mmAq			29.20	25.00	20.00	15.00	10.00				
Dynamic Press	(Pd)mmAq			0.00	0.16	0.24	0.39	0.49				
Velocity	(V)m/sec											
Capacity	(Q)m³/min			0.00	3.05	3.69	4.76	5.33				
Air Power	(A) KW											
Revolution	(N)rpm			2296	2132	1928	1612	1337				
Efficiency	(n)%											
MOTOR	Voltage	(E) Volt										
	Ampere	(I)										
	Amp		0.65	0.66	0.67	0.68	0.69					
	Efficiency	(nm) %										
		INPUT POWER (W)			104.0	109.0	113.0	118.0	122.0			
Noise Level	dB							37.4				



Blower Motor (BLDC)



4. Test Report (Low Speed Test)

MOTOR			Type : 단상 유도형 전동기				POLE : 2 P	Voltage : 220
			Output : 0.06KW				Frequency : 60 Hz	Current : 0.63 A
Indication	Number of test		1	2	3	4	5	
Total Press (Pt)mmAq			25.30	15.10	10.15	5.26	0.36	
Static Press (Ps)mmAq			25.30	15.00	10.00	5.00	0.00	
Dynamic Press (Pd)mmAq			0.00	0.10	0.15	0.26	0.36	
Velocity (V)m/sec								
Capacity (Q)m ³ /min			0.00	2.41	2.95	3.88	4.57	
Air Power (A) KW								
Revolution (N)rpm			2034	821	703	637	530	
Efficiency (n)%								
MOTOR	Voltage (E) Volt							
	Ampere (I) Amp		0.58	0.60	0.61	0.62	0.63	
	Efficiency (nm) %							
	INPUT POWER (W)		91.0	98.0	101.0	105.0	108.0	
Noise Level dB							34.2	

