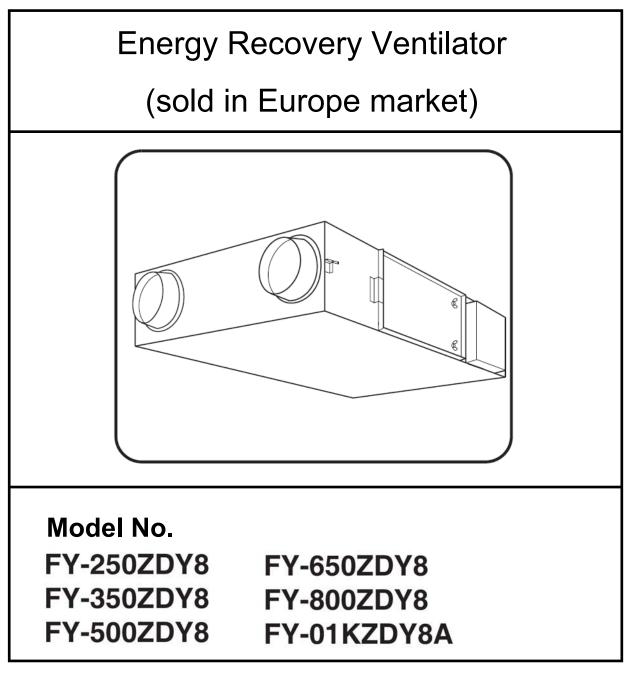


Service Manual

This Service Manual is written for the after sail service department, especially for the fix and maintenance workers.



Panasonic Ecology Systems Guangdong Co., Ltd.

Cautions on Safety

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Described below are the way we are gaining your attention to what you are supposed to observe to prevent dangers to the users or other people as well as loss to the property.

The degrees of danger or damage that is likely to occur due to the wrong use ignoring the indications are categorized for explanation as marked below.

The column with this mark shows "Impending Danger of Death or Serious Injury".
The column with this mark shows "Conceivable Threat of Death or Serious Injury".
The column with this mark shows "Likelihood of Damage or Loss to Materials only".

Kinds of the items to be observed are categorized for clarification with the following pictorial symbols. (The marks described below are samples.)



This pictorial indication shows "Prohibited".

This pictorial indication shows "Forced Execution".

Cautions for Operation

DANGEROUS

Do not use as an air circulators for open-type burners (heaters).



 \cap

When gas or oil stoves are used in the home, separate equipment for circulating the air should be used.

When any abnormal condition (scorching smell or others) is found, stop the operation immediately and switch the exclusive circuit breaker "OFF".



If you continue the operation without removing the cause, it could cause an electric shock or a fire.

When the system needs a repair, consult your dealer.

- Don't push a finger or a stick into the air If there is a combustible gas leakage
- inlet or the outlet.

A fan with a high rpm will injure you.

Prohibited

Modification of the system is strictly prohibited.



Improper practice of repair could cause a water leakage, an electric shock or a fire.

When the system needs a repair, consult your dealer.

WARNING

from other appliances, ventilate the room by opening windows.



If operation were to be attempted in such a situation, sparking at electrical contact points could cause an explosion.

Netting or something similar should be provided at the external air intake opening to prevent birds etc. interfering with the unit.



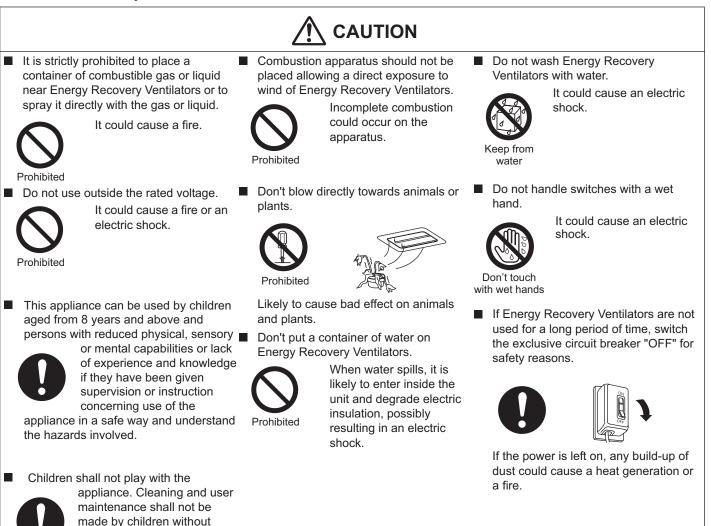
Nests or other foreign objects should be removed. That could lead to a lack of oxygen in the room.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.



Cautions on Safety

Cautions for Operation



Cautions for Installation

supervision.

The system should never be used for any other purposes than intended such as for preservation of foods, flora and fauna, precision devices or work of art.





• It could cause deterioration of foods or other problems.

Install at a stable place of sufficient strength.



Please note that there might be some places not strong enough to install due the structure of building.

Do not install in locations where harmful or corrosive gasses may be present (i.e. acidic, alkali, organic solvent, paint gasses etc. from machinery or factories)



Installation in such a location could cause a gas-poisoning and a fire.

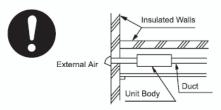
Don't incline Energy Recovery Ventilators when removing the unit.



Otherwise, water remaining inside is likely to drop and wet the furniture or other property.

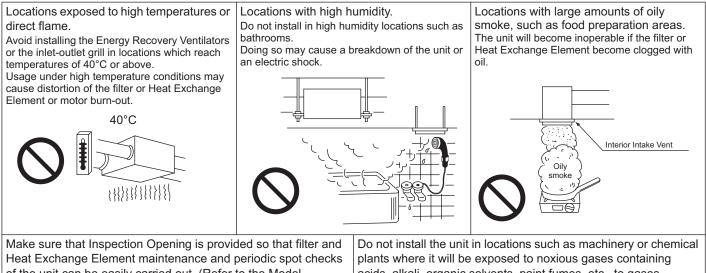
Prohibited

- Ask the sales office or the engineering shop to perform the work.
- Never fail to install the unit inside the heat insulting walls or, in other words, in the space insulated from the open air.



Checking Location of Installation

This Energy Recovery Ventilators have been designed especially for use in offices, conference rooms, etc. Please check to ensure that neither the main unit nor the inlet-outlet grill are installed in any of the following locations.

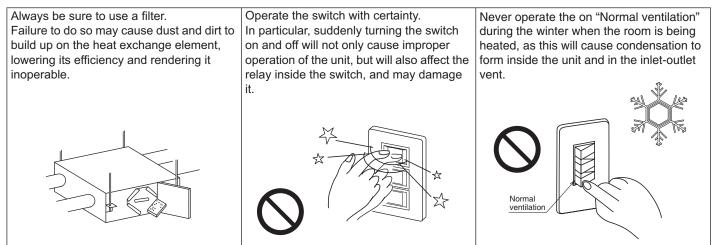


of the unit can be easily carried out. (Refer to the Model Installation for its space)

acids, alkali, organic solvents, paint fumes, etc., to gases containing corrosive ingredients, or where dust or oil mist will be produced.

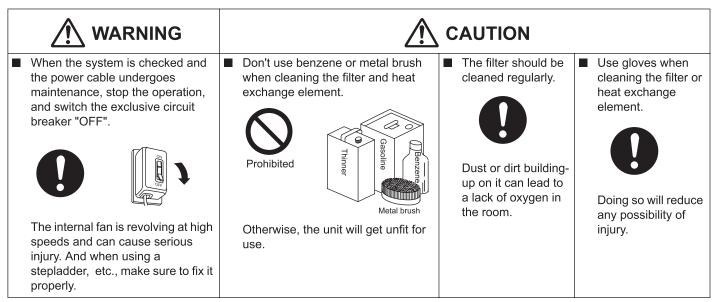
If there are any problems concerning the location or installation of the unit, please consult either store from which it was purchased or the agent who installed it.

When Using



Cautions for Maintenance

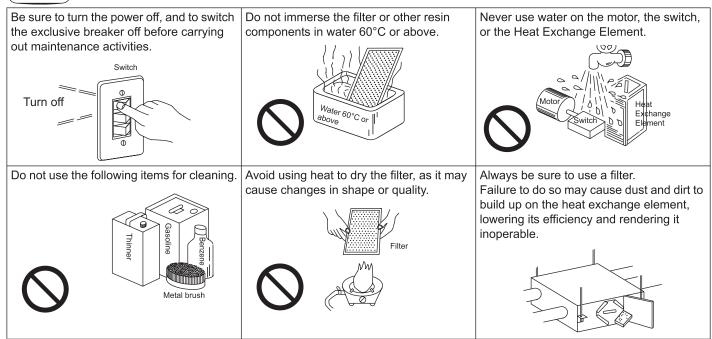
It must be replaced by the manufactuer, its sevice agent or similarly qualified persons in order to avoid a hazard.



Model Installation

In order to prevent the reduced effectiveness of your Energy Recovery Ventilator, be sure to clean dirt and dust from the filter and Heat Exchange Element at regular intervals.

Caution



Cautions on Safety

WARNING

Δ

- Read through this "Cautions on Safety" with care before installing the unit.
- Described below are the way we are stimulating your attention to what you are supposed to observe to prevent dangers to the users or other people as well as loss to the property.

Never fail to observe the caution items described hereinafter because all of them refer to the critical matters on safety. The meanings of the marks or indications are described below.

The degrees of danger or damage that is likely to occur due to the wrong use ignoring the indications are categorized for explanation as marked below.

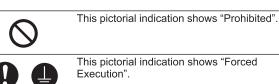
Injury".

The column with this mark shows

"Conceivable Threat of Death or Serious

The column with this mark shows "Likelihood

Kinds of the items to be observed are categorized for clarification with the following pictorial symbols.



CAUTION of Damage or Loss to Materials only".	Execution".
<u> M</u> W	ARNING
Never fail to ask the sales office from which you bought the unit or the installation service shop to install the unit. If you install it by yourself, any inappropriate installation works would cause an electric shock or a fire.	The external air intake opening should be positioned away from the exhaust openings of combustion gases etc. The intake of such gases could cause a lack of oxygen in the room. The external air intake opening should not be positioned where discharged air may directly enter it. A situation like this will lead to the room being contaminated and this may pose a health risk.
Carry out the installation works accurately in line with this installation work manual. Improper practice of installation could cause an electric shocks or a fire.	Netting or something similar should be provided at the external air intake opening to prevent birds etc. interfering with the unit. Nests or other foreign objects should be removed. That could cause a lack of oxygen in the room.
Choose the installation place where is endurable in quality as well as in weight, then install the unit accurately with adequate strength and completeness of installation in accordance with the installation work manual. Otherwise, it is likely to cause an electric shock, a fire, a drop of the unit, thus causing the injury on the human body.	Carry out the ground work. Never connect the ground wire to a gas pipe, a water supply pipe, a lightning conductor, a ground line of a telephone, etc. An incomplete ground wire is likely to cause an electric shock.
Carry out electrical work in accordance with the laws and regulations prevailing in the country concerned, technical standard and explanation for work, and make absolutely sure that an exclusive circuit is used. Any insufficient capacity of power circuit and improper work can result in electric shock and fire hazard.	When the system is checked and the power cable undergoes maintenance, stop the operation, and switch the exclusive circuit breaker "OFF". Otherwise, it could cause an electric shock.
C.	AUTION
Provide an exclusive circuit breaker that can completely break contacts on all the poles by more than 3mm through direct connection to the power terminals. Depending upon the environment for installation, it becomes necessary to install an earth leakage breaker.	Install the power line and the connecting line with accuracy so the power source cover may not float. If the installation of the power source cover is inappropriate, the pin connection area is likely to cause a heat generation, a fire and an electric shock due to dust or powder.
When you want to pierce the metal duct through the metal lath or the wire lath or the metal plate of the wooden facility, do not forget to insulate electrically between the duct and the wall. Otherwise, it would cause an electric shock or an electric leakage.	Never install the unit near the place where there is a fear of leakage of an inflammable gas. If gas happens to leak and stays around the unit, it is likely to cause a fire.
Don't use other parts than specified (including the auxiliary parts) for installation works. If you do not use the specified parts, it is likely to cause a drop of the unit, a fire, an electric shock, etc.	Don't use the unit at the other voltages than the rated one. It could cause a fire or an electric shock.
Install the outdoor duct in a falling gradient toward the outside so as to prevent water from coming in. If it is not installed so, the building is likely to be flooded, wetting the household effects.	Do not install the unit in locations with large amounts of oily smoke, such as food preparation areas. It could cause a fire.
Heat-insulate the outdoor duct (including the indoor side, if necessary) to prevent dewing. If heat insulation is not adequate, water likely goes indoor and wets the household properties.	Don't install the unit at the place of a high temperature or a flame. It could cause a heat generation or a fire.
When it is high humid and high temperature inside the ceiling, a ventilation system must be installed inside the ceiling. Otherwise, it could cause a fire or an electric leakage.	Do not install in locations where harmful or corrosive gasses may be present (i.e. acidic, alkali, organic solvent, paint gasses etc. from machinery or factories). Installation in such a location could cause a gas-poisoning and a fire.
Connect the power line and the connecting line with accuracy using the specified cables and fix them firmly so as not to put the outer stress of the cables on the pin connecting area. Incomplete connection or fixing is likely to cause a heat generation or a fire.	Do not install in locations with high humidity, such as close to bathroom etc. It could cause an electric shock or an electric leakage etc.

Specifications

Model No.		FY-250ZDY8				
Item			1 1-2	302010		
Power Source			220-240)V∼ 50Hz		
Ventilation Mode	Hea	t Exchange Ventil	ation		Normal Ventilatio	n
Notch	(Extra high)	High	Low	(Extra high)	High	Low
Input (W)	112-128	108-123	87-96	112-128	108-123	87-96
Air Volume (m³/h)	250	250	190	250	250	190
External Static Pressure (Pa)	105	95	45	105	95	45
Noise (dB)	30.0-31.5	29.5-30.5	23.5-26.5	30.0-31.5	29.5-30.5	23.5-26.5
Temperature Exchange Efficiency(%)	75	75	77	_	—	_
Dimensions(mm)	Width 882 ×Depth 599×Height 270					
Weight (kg)		29				

Model No.	FY-350ZDY8					
Item		FY-350ZDY8				
Power Source			220-240)V∼ 50Hz		
Ventilation Mode	Heat	t Exchange Ventil	ation	1	Normal Ventilatior	ı
Notch	(Extra high)	High	Low	(Extra high)	High	Low
Input (W)	182-190	178-185	175-168	182-190	178-185	175-168
Air Volume (m³/h)	350	350	240	350	350	240
External Static Pressure (Pa)	140	60	45	140	60	45
Noise (dB)	32.5-33.0	30.5-31.0	22.5-25.5	32.5-33.0	30.5-31.0	22.5-25.5
Temperature Exchange Efficiency(%)	75	75	78	_		_
Dimensions(mm)	Width 1050 ×Depth 804×Height 317					
Weight (kg)	49					

Model No.		FY-500ZDY8				
Item		11-3002010				
Power Source			220-240)V∼ 50Hz		
Ventilation Mode	Hea	t Exchange Ventil	ation		Normal Ventilation	n
Notch	(Extra high)	High	Low	(Extra high)	High	Low
Input (W)	263-289	204-225	165-185	263-289	204-225	165-185
Air Volume (m³/h)	500	500	440	500	500	440
External Static Pressure (Pa)	120	60	35	120	60	35
Noise (dB)	36.5-37.5	34.5-35.5	31.0-32.5	37.5-38.5	37.0-38.0	31.0-32.5
Temperature Exchange Efficiency(%)	75	75	76	_	_	_
Dimensions(mm)	Width 1090 ×Depth 904×Height 317					
Weight (kg)				57		

Specifications

Model No.						
Item		FY-650ZDY8				
Power Source			220-240)V~ 50Hz		
Ventilation Mode	Heat	t Exchange Ventil	ation		Normal Ventilatio	n
Notch	(Extra high)	High	Low	(Extra high)	High	Low
Input (W)	326-347	269-295	200-210	326-347	269-295	200-210
Air Volume (m³/h)	650	650	460	650	650	460
External Static Pressure (Pa)	65	40	40	65	40	40
Noise (dB)	36.5-37.5	34.5-35.5	30.0-32.0	36.5-37.5	35.0-35.5	30.0-32.0
Temperature Exchange Efficiency(%)	75	75	79	—	_	_
Dimensions(mm)	Width 1204 ×Depth 884×Height 388					
Weight (kg)		68				

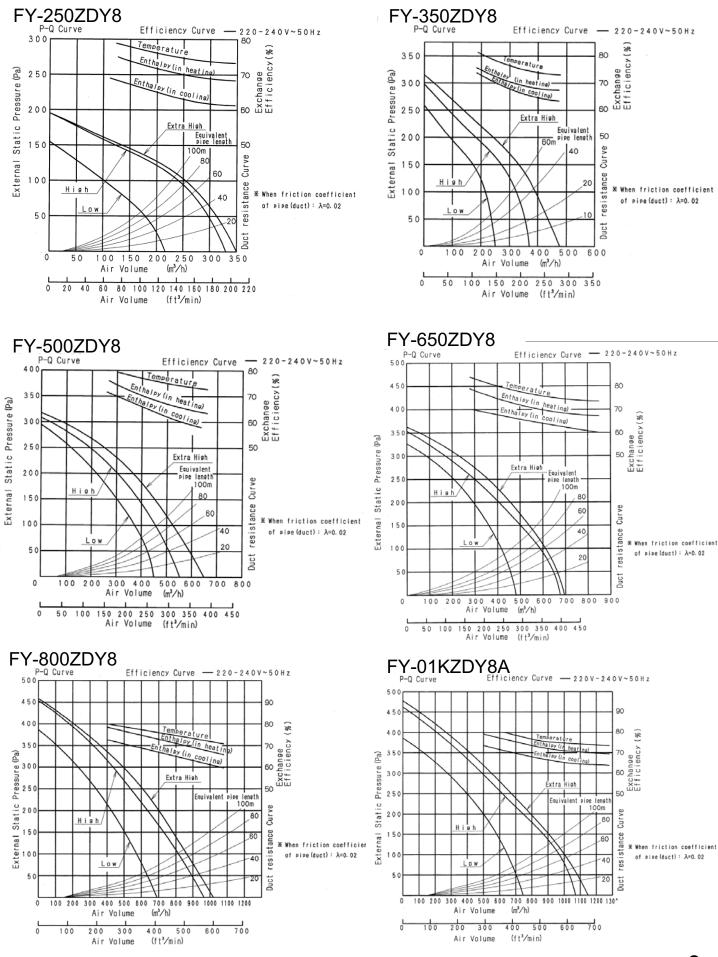
Model No.		FY-800ZDY8				
Item			11-0	002010		
Power Source			220-240)V~ 50Hz		
Ventilation Mode	Heat	t Exchange Ventil	ation		Normal Ventilation	ı
Notch	(Extra high)	High	Low	(Extra high)	High	Low
Input (W)	387-418	360-378	293-295	387-418	360-378	293-295
Air Volume (m³/h)	800	800	630	800	800	630
External Static Pressure (Pa)	140	110	55	140	110	55
Noise (dB)	37.0-37.5	36.5-37.0	33.5-34.5	37.0-37.5	36.5-37.0	33.5-34.5
Temperature Exchange Efficiency(%)	75	75	76	_	_	_
Dimensions(mm)	Width 1322 ×Depth 884×Height 388					
Weight (kg)		71				

Model No.		FY-01KZDY8A				
ltem		FT-UIKZDT6A				
Power Source			220-240	0V∼ 50Hz		
Ventilation Mode	Heat	t Exchange Venti	ation		Normal Ventilatio	n
Notch	(Extra high)	High	Low	(Extra high)	High	Low
Input (W)	437-464	416-432	301-311	437-464	416-432	301-311
Air Volume (m³/h)	1000	1000	700	1000	1000	700
External Static Pressure (Pa)	105	80	75	105	80	75
Noise (dB)	37.5-38.5	37.0-37.5	33.5-34.5	39.5-40.5	39.0-39.5	35.5-36.5
Temperature Exchange Efficiency(%)	75	75	79	—	_	_
Dimensions(mm)		Width 1322 ×Depth 1134×Height 388				
Weight (kg)				83		

(Note) The ratings mentioned above shows the values under the external static pressure. (Only the noise level shows the value under the external static pressure: 0Pa)

Noise Level shall be measured 1.5 m below the center of the unit. (It shall be measured at the acoustic room.)

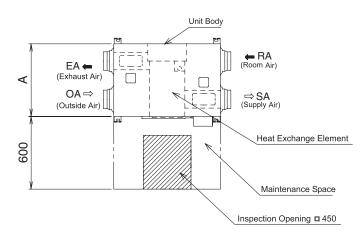
Performance (P-Q curve)

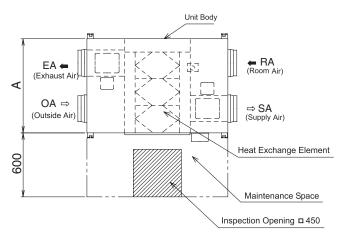


Cautions for Operation

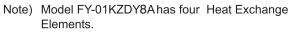
Never fail to make the inspection opening at the specific place on the ceiling so you can perform the constant cleaning or the equipment checking of filter and heat exchange element.

The inspection opening shown below is necessary to clean the heat exchange element and the filter as required. If not cleaned, they are likely to get clogged, resulting in degradation of performance.





Note) Model FY-350ZDY8 and FY-500ZDY8 have two Heat Exchange Element.

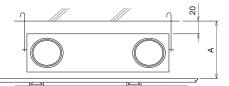


	onia: min	
Model No.	A	
FY-250ZDY8	599	
FY-350ZDY8	804	
FY-500ZDY8	904	

	Unit: mm
Model No.	A
FY-650ZDY8	884
FY-800ZDY8	884
FY-01KZDY8A	1134

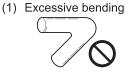
This Energy Recovery Ventilators should be installed at the place where a larger space than the sizes shown below can be secured for the ceiling space.

Unit[,] mm



Model No.	Ceiling Space A	Model No.	Ceiling Space A
FY-250ZDY8	320	FY-650ZDY8	
FY-350ZDY8	370	FY-800ZDY8	440
FY-500ZDY8	370	FY-01KZDY8A	

- Don't install it near the water-heater.
- Refrain from the following duct installation works.

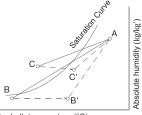


- (2) Multi-times bending
- (3) Making the connecting duct smaller



- Do not use in bathrooms or food preparation areas etc. If you use the unit at the place of much soot and high humidity, the filter or the heat exchange element gets clogged and disables you to use it.
- Use the Energy Recovery Ventilators in the ambient temperature of 40°C or less. Never install the unit at the place where the flame likely reaches directly the unit. If you use it at the atmosphere of more than 40°C for hours, it is likely to cause deterioration or deformation or damage of the resin part.
- Be careful of dewing and frosting.

As shown in the figure to the right, suppose a high temp absorbing air condition A and a low temp absorbing air condition B are plotted on the air line figure, then a high temp air A is heat-exchanged by the unit and goes out of the saturation curve as shown by Point C. In this case, the unit will be dewed or frosted. To avoid this, you are required to heat a low temp air B up to B' so as to get C' below the saturation curve, before using the unit.



Dry-bulb temperature (°C)

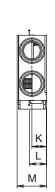
9

Unit: mm

Name and Dimension of Each Part FY-250ZDY8

Model No.

10 (9 (2) (5) (6) Е വ т (Room Air) EA 🕳 (Exhaust Ai 7 ш ∢ ⊕ OA ⇒ → SA (Supply Air)) D (Outside Air) Т (7) 1 7 1 4-13×30 Oval hole



FY-350ZDY8 FY-500ZDY8

Number	Name	Quantity	Note
1	Frame	1	
2	Adapter	4	
3	Terminal	1	
4	Inspection Cover	1	
5	Fan	2	
6	Motor	2	Note 2)
7	Heat Exchange element	1	Note 1)
8	Filter	2	
9	Damper	1	
10	Damper Motor	1	
11	Ceiling Suspension Fixture	4	
12	Electrical Equipment Box	1	

Note1) Model No.FY-350ZDY8 and FY-500ZDY8 have two Heat Exchange Element. Note2) Model No.FY-350ZDY8 and FY-500ZDY8 have different fan and motor locations.

L	В	_	
4	J H H	3	
T			z
C			
	8		

	Applicable Duct					
	Model No.	Nominal Diameter				
¥.	FY-250ZDY8	φ 150				
	FY-350ZDY8					
	FY-500ZDY8	φ 200				

8														Unit: mm
Model No.	A	В	С	E	F	G	н	I	J	к	L	М	N	Р
FY-250ZDY8	599	882	95	810	655	19	142	315	414	135	159	270	φ 144	φ 164
FY-350ZDY8	804	1050	70	978	860	19	112	580	470	159	182	317	φ 144	φ 164
FY-500ZDY8	904	1090	70	1018	960	19	132	640	470	159	182	317	φ 194	φ 210

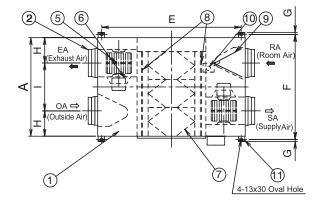
Model No.

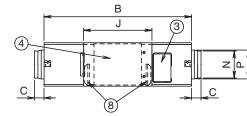


K

Т

M





Applicable Duct		
Model	Nominal Diameter	
FY-650ZDY8	φ 200	1
FY-800ZDY8	φ 250	
FY-01KZDY8A	φ 230	

Number	Name	Quantity	Note
1	Frame	1	
2	Adapter	4	
3	Terminal	1	
4	Inspection Cover	1	
5	Fan	2	
6	Motor	2	Note 2)
7	Heat Exchange Element	3	Note 1)
8	Filter	2	
9	Damper	1	
10	Damper Motor	1	
11	Ceiling Suspension Fixture	4	
12	Electrical Equipment Box	1	

Note1) Model No.FY-01KZDY8A has four Heat Exchange Elements.

Note2) Model No.FY-650ZDY8 has different fan and motor locations.

														Unit: mm
Model No.	A	В	С	E	F	G	н	I	J	К	L	М	N	Р
FY-650ZDY8	884	1204	70	1132	940	19	132	620	560	194	218	388	φ 194	φ 210
FY-800ZDY8	884	1322	85	1250	940	19	228	428	612	194	218	388	φ 242	φ 258
FY-01KZDY8A	1134	1322	85	1250	1190	19	228	678	612	194	218	388	φ 242	φ 258

1. Model Installation

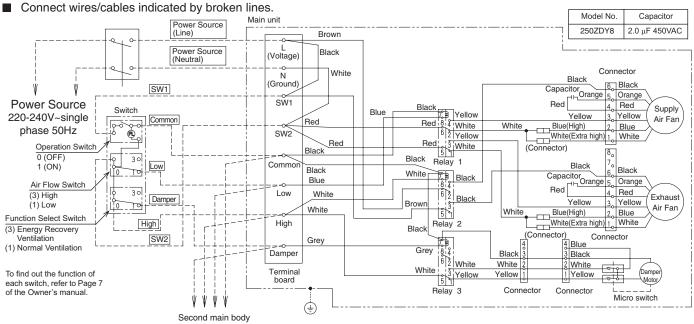
- You are required to prepare the ceiling suspension bolts, nuts and washers.
- Install the unit firmly and horizontally enough to support its weight. (Fig. 1)
- If you do not fit it firmly, it is not only dangerous but also easily vibrated. If it is not fitted horizontally, the damper unit becomes defective in operation.

- When you are required to be cautious on prevention of vibration, we recommend you to use the anti-vibration ceiling suspension fixtures.
- Never fail to make an inspection opening with
 450 mm or more at the place shown on the paragraph of "Cautions For Operation", so that you can inspect filters, Heat Exchange Elements, power source and motors.
- 2. Cautions on Installing The Unit Body Upside Down
- Re-fit the ceiling suspension fixture in an opposite side. (If they are left as it is, the foolproof function of ceiling suspension bolts do not work and will cause the danger of dropping of the unit.)
- Printed indication is in a reversed position.

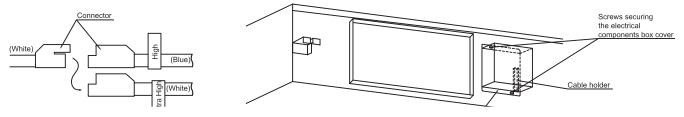
In particular, be careful of the arrow mark [1] showing the direction of inserting a Heat Exchange Element.

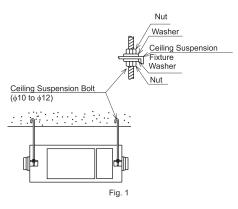
Electric Works

Ask a specialized electrical construction operator for advice regarding wiring in accordance with "Technical Standards for Electrical Equipment"and"Interior Wiring Regulation".



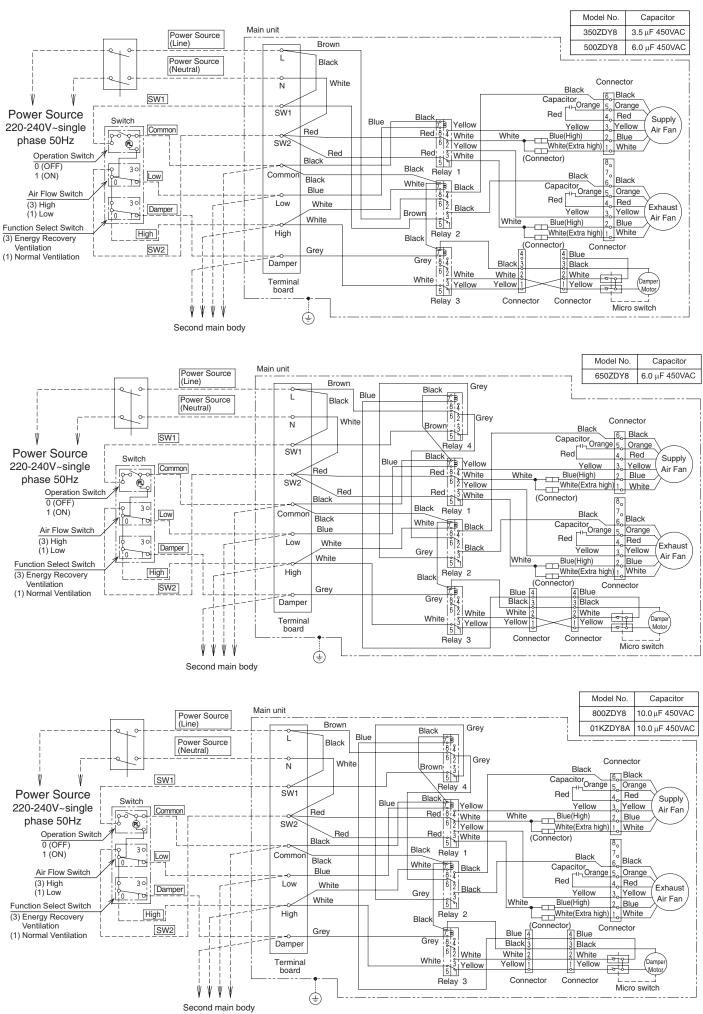
- For power supply,use a VVF cable with \u00e91.6 or \u00e92.
- Take the following steps on connect wires/cables:
 - Remove two screws fixing the cover of the electrical components box,open the cover ,and connect wires/cables correctly.
 Secure the cable drawn from the terminal board firmly with the cable holder.
- If a large volume of air is requierd or a long duct is used ,switch the wire connection from Low to Extra high according to the following steps:
 - Remove two screws securing the cover of the electrical components box, and open the cover .
 - In the electrical components box, change the connection of fan motor leads from High to Extra high.



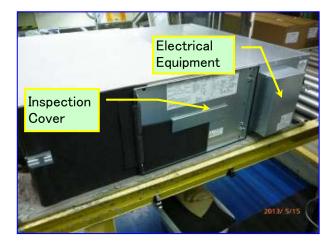


Caution

Electric works

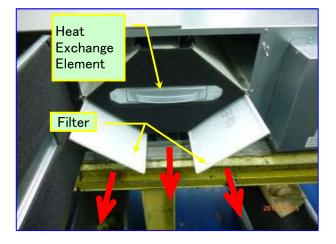


Method of remove the Heat Exchange Element and the filter



Picture 1

1: Stop operation and cut the power supply (breaker). 1: Turn the knob (2 pieces) and the screw (1 piece) XThe upper picture shows model FY-500ZDY8.



Picture 3

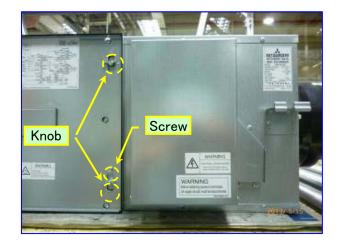
model No.FY-250ZDY8/350ZDY8/500ZDY8

1: Remove the Heat Exchange Element and the filter. 1: Remove the filter and the Heat Exchange Element. Note) The quantity and form of Heat Exchange Element differ depending on the model.

The quantity of Heat Exchange Element by Model

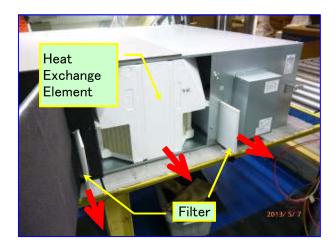
No	型番	ELEMENT	FILTER
1	FY-250ZDY8	1	2
2	FY-350ZDY8	2	2
3	FY-500ZDY8	2	2
4	FY-650ZDY8	3	2
5	FY-800ZDY8	3	2
6	FY-01KZDY8A	4	2

Note: There are differences in the form of Heat Exchange Element between No.1~No.3 and No.4~No.6. Refer to the upper picture 3 and picture 4.



Picture 2

and remove the Inspection Cover.

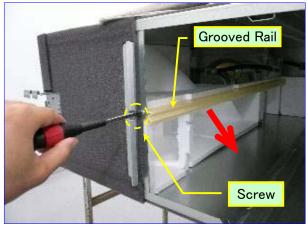




model No.FY-650ZDY8/800ZDY8/01KZDY8A

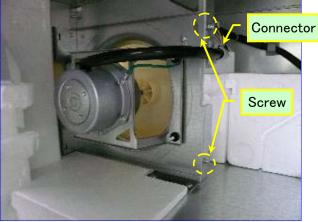
Note) The quantity and form of Heat Exchange Element differ depending on the model.

Method of remove the Motor Assembly (FY-250ZDY8/350ZDY8/500ZDY8)



Picture 5

- 1: Remove the filter and the Heat Exchange Element. 1: Pull the partition board A out to the direction ※Refer to the attached IMethod of remove the Heat Exchange Element and the filter].
- 2: First remove the screw (1 piece) and then remove the Grooved Rail.



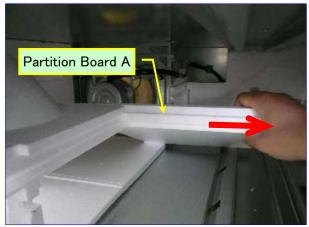
Picture 7

1: Trun two pieces of screw on the Motor ASSY and remove the wired connector.



Picture 9

1: Rotate the Motor ASSY around the axis. (Note) Actually, The color of a wheel is black.

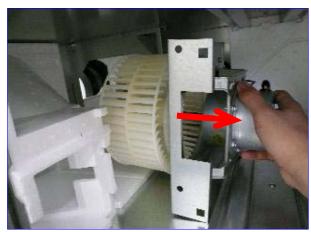


Picture 6

of arrow.



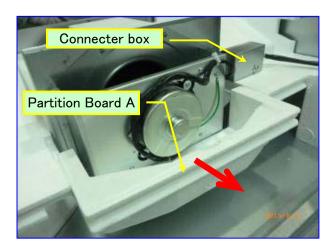
Picture 8 1: Unhook the Motor ASSY.



Picture 10 1: Pull it out to the direction of arrow and put outside of product.

Method of remove the Motor Assembly (FY-650ZDY8/800ZDY8/01KZDY8A)



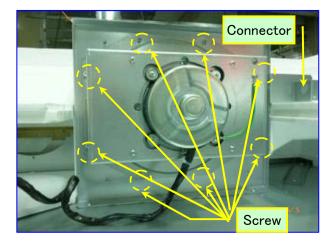




of arrow.



- 1: Remove the filter and the Heat Exchange Element. 1: Pull the partition board A out to the direction ※Refer to the attached [Method of remove the Heat Exchange Element and the filter.
- 2: First remove the screw (1 piece) and then remove the Grooved Rail.



Picture 13

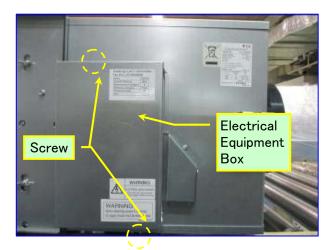
1: Trun 8 pieces of screw on the Motor ASSY and remove the wired connector.

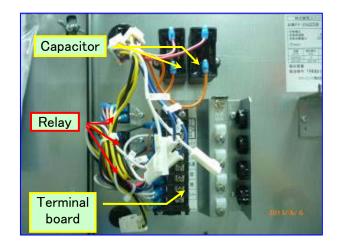


Picture 14

1: Pull it out to the direction of arrow and put outside of product.

Method of remove the parts of Electrical Equipment

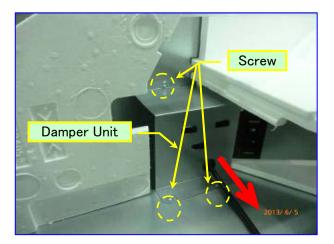




Picture 15

Picture 16

- 1: First remove the screw (2 pieces) and then remove 1: Inside of the Electrical Equipment Box. the cover of Electrical Equipment Box.
- Disassembly Instruction Method of remove the parts of Damper Unit



Picture 17

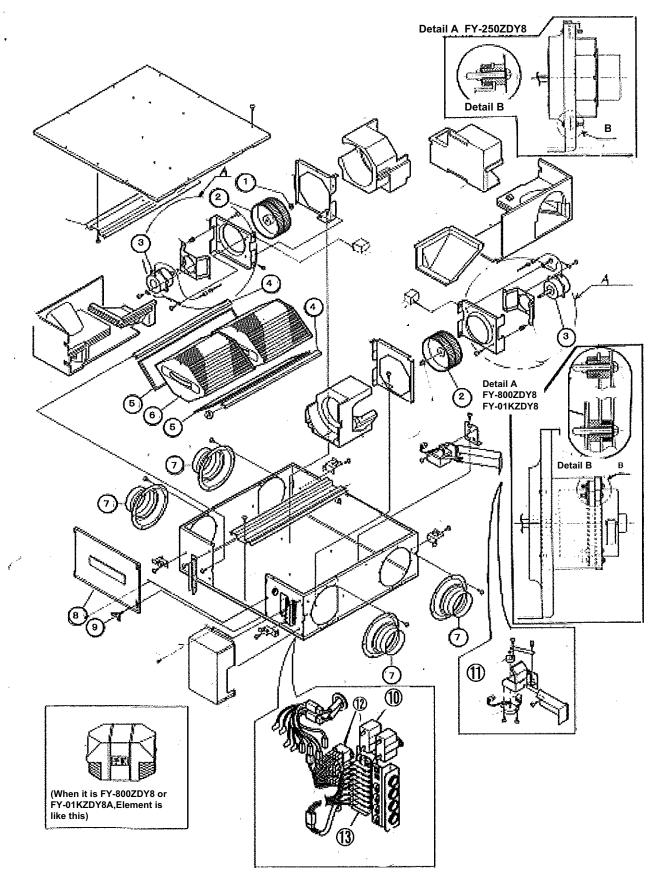
- 1: Remove the screw (3 piece).
- 2: Pull the Damper Unit out to the direction of arrow 2.

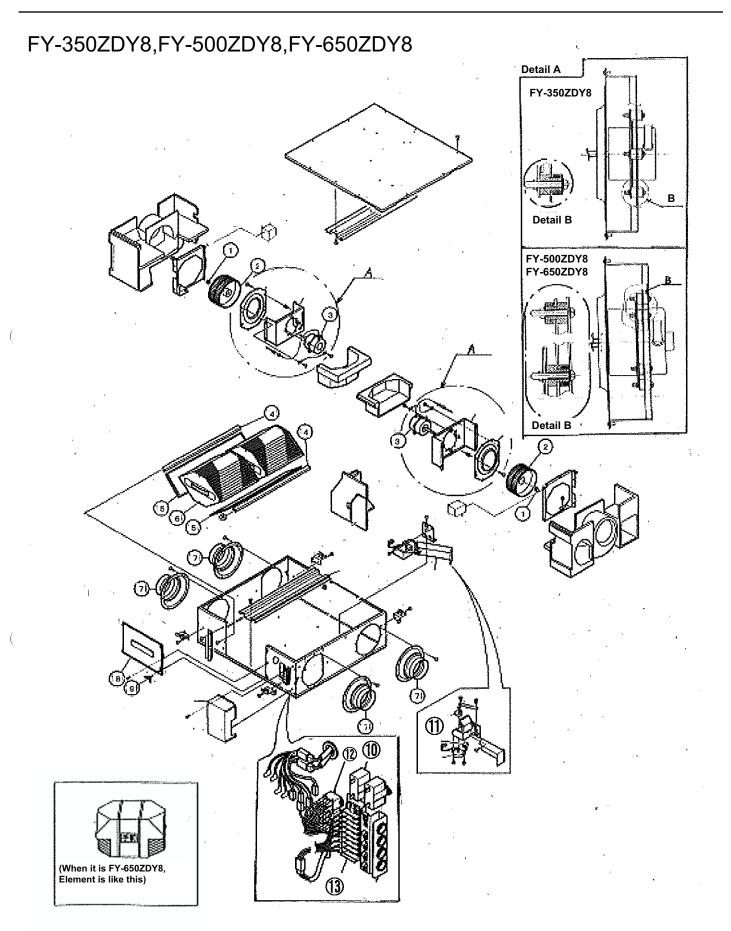


Picture 18 1: Put outside of product.

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FY-250ZDY8,FY-800ZDY8,FY-01KZDY8A





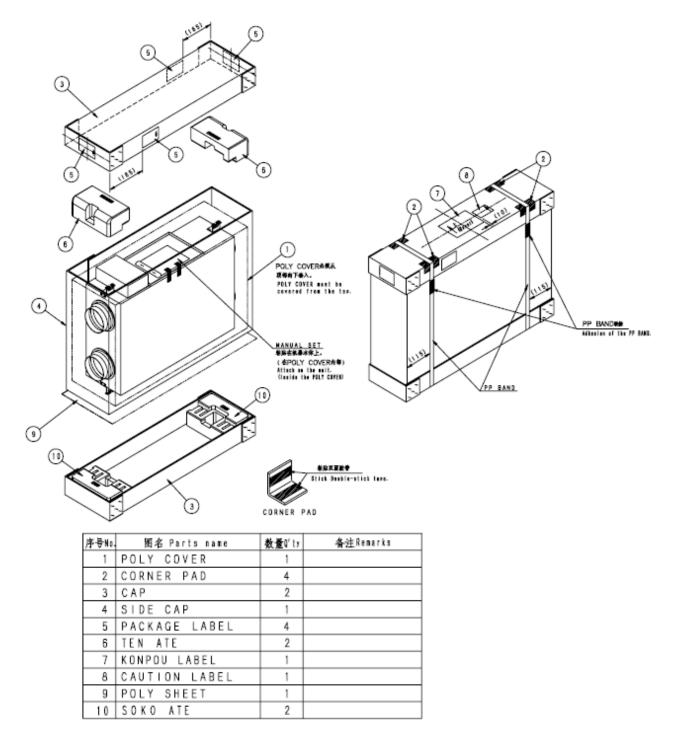
		FY-250ZDY	8	FY-800ZDY8	3	FY-01KZDY8A		
No.	Part Name	Part No.	Q'ty per Set	Part No.	Q'ty per Set	Part No.	Q'ty per Set	
1	Nut	F05070006A	2	80ZDY20251A	2	80ZDY20251A	2	
2	Fan	25ZD80702A	2	80ZD80702A	2	80ZD80702A	2	
3	Motor	25ZDY3M200B	2	80ZDY3M200B	2	01KZDY3M200B	2	
4	Rail	25ZD80218	2	80ZD80218	2	01KZD80218	2	
5	Filter	25ZD80811	2	65ZD80811	2	01KZD80811	2	
6	Element	25ZD80800A	1	80ZD80800B	3	80ZD80800B	4	
7	Adapter	25ZDY20220	4	80ZDY20220	4	80ZDY20220	4	
8	Element Cover	15ZD80212A	1	80ZD80213A	1	80ZD80213A	1	
9	Chou Bolt M5	BT50ZD60299A	2	BT50ZD60299A	2	BT50ZD60299A	2	
10	Capacitor	12ESN06C2	2	DS451106Q1AA	2	DS451106Q1AA	2	
11	Damper Unit	25ZD8S400A	1	80ZD8S400A	1	01KZD8T400A	1	
12	Relay	AP5528F	3	AP5528F	4	AP5528F	4	
13	Terminal-8P	JXO-B-8P-00	1	JXO-B-8P-00	1	JXO-B-8P-00	1	

		FY-350ZDY	8	FY-500ZDY8	}	FY-650ZDY8		
No.	Part Name	Part No.	Q'ty per Set	Part No.	Q'ty per Set	Part No.	Q'ty per Set	
1	Nut	F05070006A	2	F05070006A	2	F05070006A	2	
2	Fan	50ZD80702	2	50ZD80702	2	50ZD80702	2	
3	Motor	XM-350ZDY8	2	XM-50ZDY3M200	2	XM-65ZDY3M200	2	
4	Rail	35ZD80218	C	2 50ZD80218	2	65ZDY30230B	1	
4		332000210	۷		2	65ZDY30231B	1	
5	Filter	35ZD80811	2	50ZD80811	2	65ZD80811	2	
6	Element	15ZD80800A	2	50ZD80800A	2	65ZD80800B	2	
7	Adapter	35ZD80220	4	50ZD80220	4	50ZD80220	4	
8	Element Cover	35ZD80212A	1	35ZD80212A	1	65ZD80213A	1	
9	Chou Bolt M5	BT50ZD60299A	2	BT50ZD60299A	2	BT50ZD60299A	2	
10	Capacitor	12ESN06C2	2	DS451605Q1AA	2	DS451605Q1AA	2	
11	Damper Unit	35ZD8S400A	1	50ZD8S400A	1	65ZDY80400	1	
12	Relay	AP5528F	3	AP5528F	3	AP5528F	4	
13	Terminal-8P	JXO-B-8P-00	1	JXO-B-8P-00	1	JXO-B-8P-00	1	

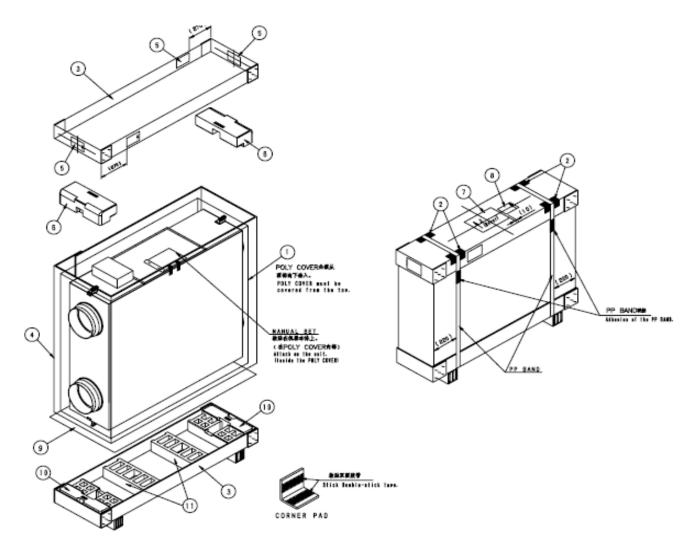
Package

	Model No.		Gross weight			
	Woder No.	w	L	н	Detail	(kg)
1	FY-250ZDY8	349	1132	795		35
2	FY-350ZDY8	396	1250	1000		57
3	FY-500ZDY8	396	1290	1100		66
4	FY-650ZDY8	467	1434	1170	※1080+bottom support 90mm	77
5	FY-800ZDY8	467	1552	1170	※1080+bottom support 90mm	82
6	FY-01KZDY8A	467	1552	1420	※1330+bottom support 90mm →	98

Model No. FY-250ZDY8, FY-350ZDY8, FY-500ZDY8



Model No. FY-650ZDY8, FY-800ZDY8, FY-01KZDY8A



序号Ho.	图名 Parts name	教量('ty	备注Remarks
1	POLY COVER	1	
2	CORNER PAD	4	
3	CAP	2	
4	SIDE CAP	1	
5	PACKAGE LABEL	4	
6	TEN ATE	2	
7	KONPOU LABEL	1	
8	CAUTION LABEL	1	
9	POLY SHEET	1	
10	SOKO ATE	2	
11	NAKA ATE	2	

Modification Process

No.	Modified Date	Modification Process
1	2013.07.23	Making a new version (Ver.1.0)
2		
3		
4		
5		