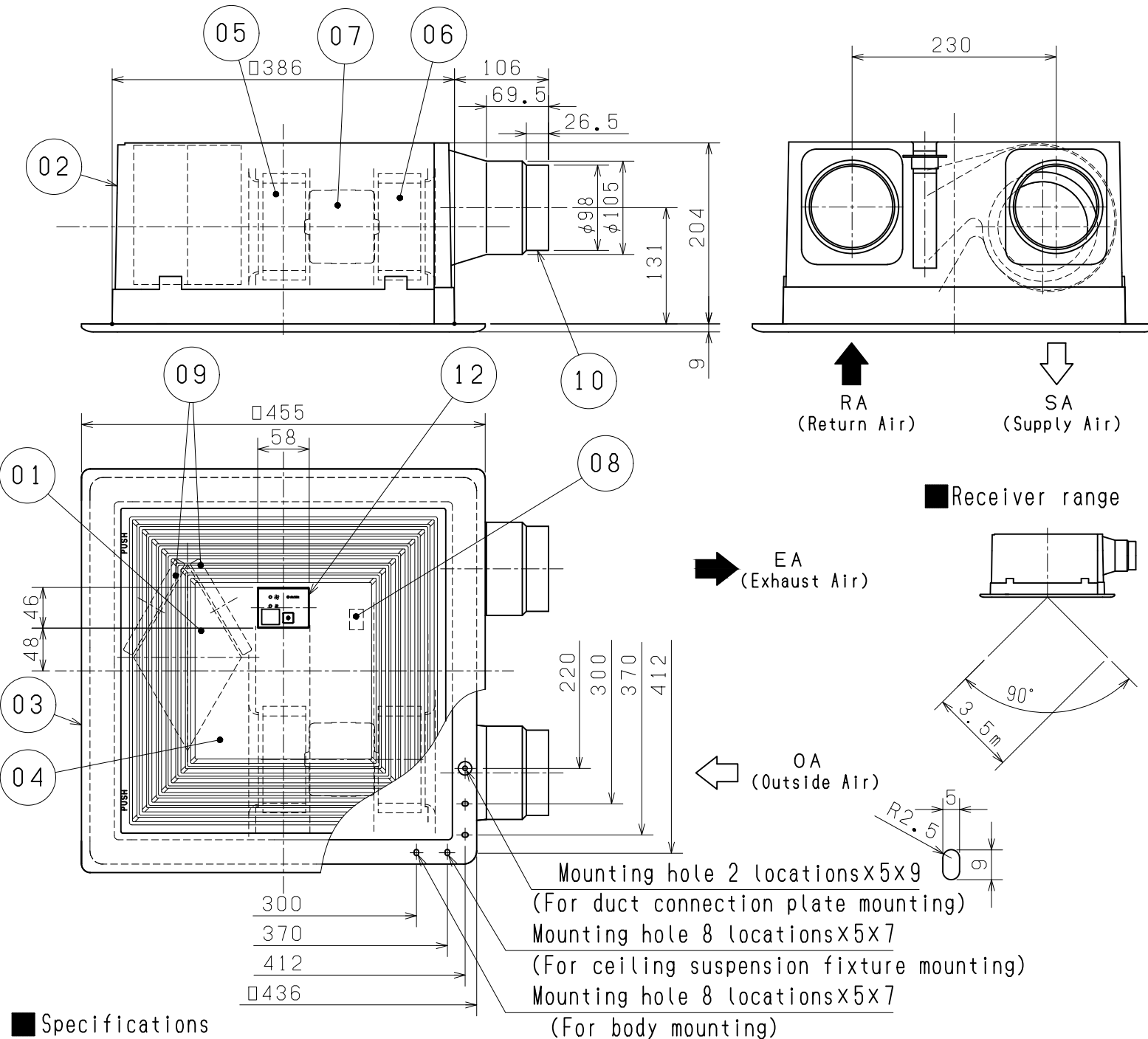




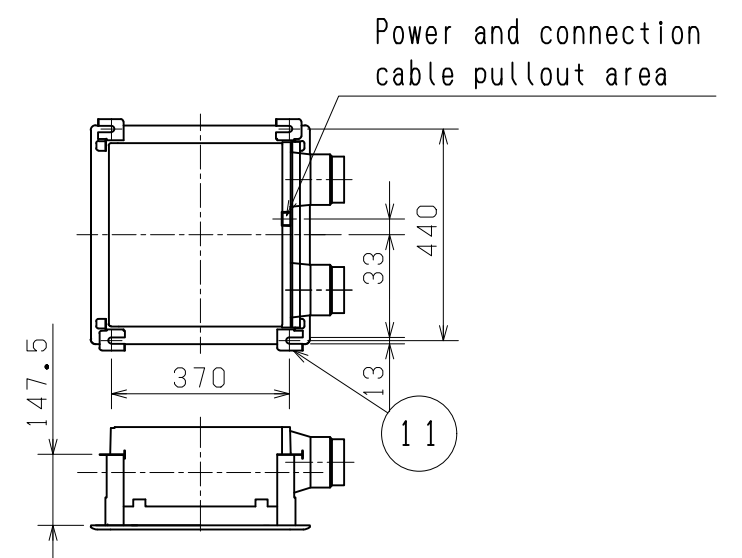
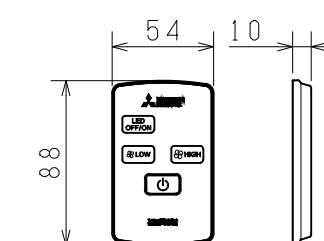
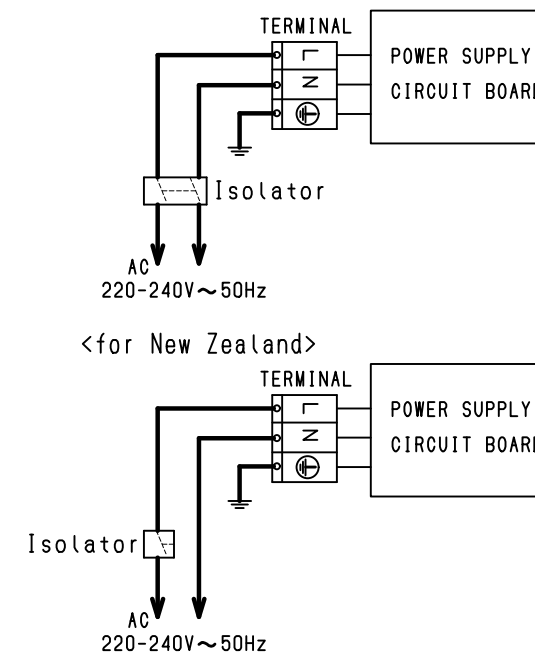
Power supply		Notch	Power consumption (W)	Air volume (m³/h)		Temperature exchange efficiency (%)		Enthalpy exchange efficiency (%)		Noise level (dB)	Weight (kg)
Frequency (Hz)	Voltage (V)			Exhaust	Supply	cooling	heating	cooling	heating		
50	220	HI	29	80	72	54	50	26	34	38.5	6.0
		LO	13.5	43	40	66	63	34	43	24	
	230	HI	32	86	78	52	49	25	33	40	
		LO	15	45	42	64	62	33	42	25.5	
	240	HI	35	92	84	50	48	24	32	41.5	
		LO	16.5	49	44	62	61	32	41	27	
Type of motor		Condenser motor-2poles / Single phase					Power cable		Cu solid wire φ1.6,2.0		
Withstand voltage		AC 1000V 1 minute					Insulation resistance		10MΩ or more(500V megger)		

*THE TESTING METHODS ARE BASED ON JAPANESE INDUSTRIAL STANDARD B 8628.

*ENTHALPY EXCHANGE EFFICIENCY IS A REFERENCE VALUE.

No.	Parts name	Material	Color(Munsell)
01	Heat exchanger	Specially treated paper	
02	Body	Synthetic resin	N-3
03	Panel frame	Synthetic resin	0.8GY/9.0/0.5
04	Panel	Synthetic resin	0.8GY/9.0/0.5
05	Sirocco fan(EA)	Synthetic resin	
06	Sirocco fan(SA)	Synthetic resin	
07	Motor		
08	Terminal block		
09	Filter	Non-woven fabric	
10	Duct connection plate	Synthetic resin	N-3
11	Ceiling suspension fixture	Galvanized steel sheet	
12	Display part		

*Please use a solid wire for connection to the terminal block.



- Opened dimension on grill RA 307 c m²

SA 57 cm²

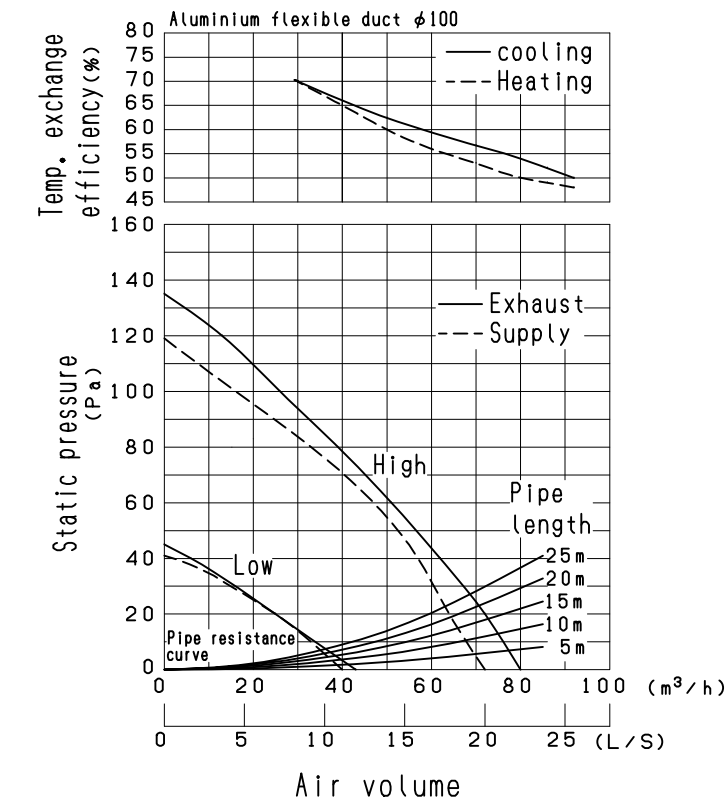
• Required hole dimension on ceiling □395

*Specifications may be subject to change without notice.

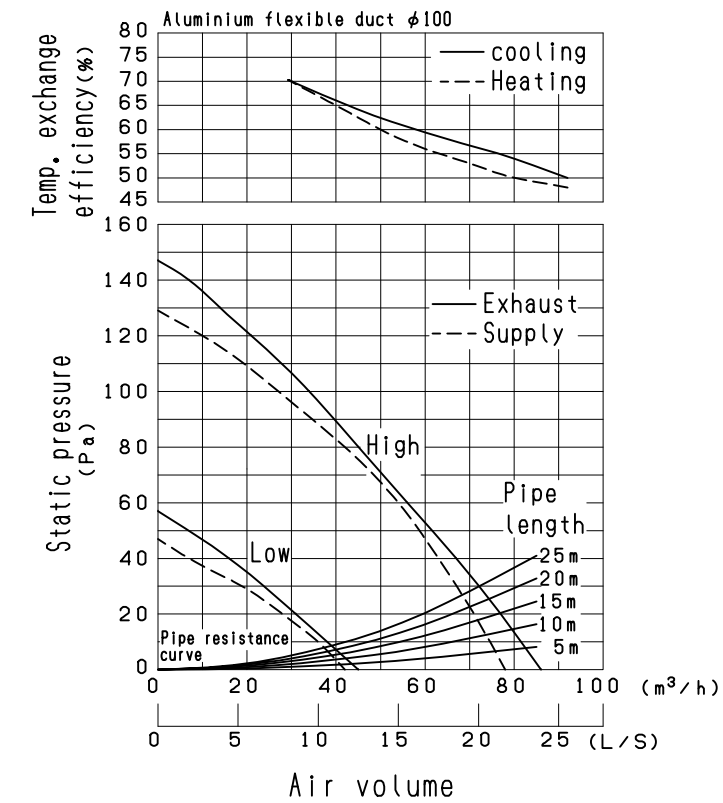
	Date	Model	VL-100ZSKRT-E LOSSNAY	
	2020-01-30			
		Number	NB419081A	1/3

■ Characteristic curve

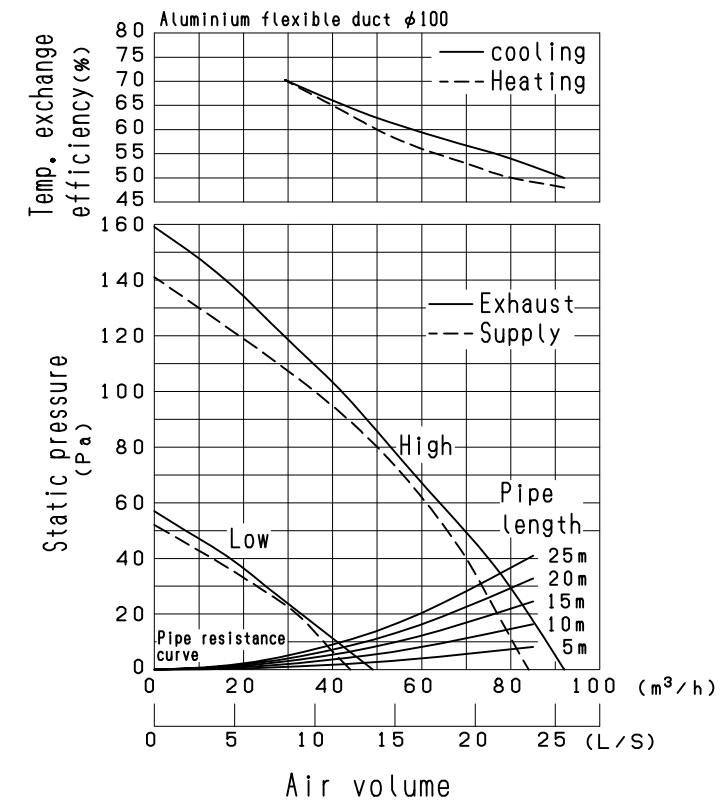
AC220V 50Hz



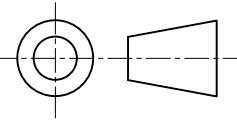
AC230V 50Hz



AC240V 50Hz



※Specifications may be subject to change without notice.

	Date	Model	VL-100ZSKRT-E LOSSNAY	
	2020-01-30			
		Number	NB419081A	2/3

General information

1. Install this product in an environment where the temperature and humidity is in below ranges.

In Winter

Outside	Temp	10℃	0℃	-6℃	-10℃
Inside	Temp	20℃			20℃
	RH	60%			40%

Except In Winter

Outside 10℃ to 40℃

Caution for installation

- Please carry out installation and electrical work according to the installation manual included for safety.
- Do not use the unit in bathrooms, washrooms, etc., since it is not wetproof structure. It leads the cause of an electric shock and unit damage.
- Do not install the unit in the place with much soot, such as a kitchen, or the place where the organic solvent is poured.
- Do not install the unit under the high temperature condition (40℃ or more). It leads the cause of early unit damage.
- Considering the place where the bed is installed, we recommend installing the product away from the bed.
- Please note a clear working space is required around the installed product for filter maintenance.
- Please install the unit inside 1 m or more from the outer wall, and duct piping from the unit so that it is tilted at a downward pitch of at least 1/30 towards the outside.
- Secure duct piping with commercially available fixing bands, aluminum tape, etc. to prevent piping from coming loose.
- Use an outdoor hood, that makes it less likely for rain water or small animals (e.g. bats) from entering the ends of the supply air and exhaust air ducts.
- Prepare the air intake hole of the outdoor side to be in the appropriate position where the fresh air is to take in. (Attention to exhaust gas such as boiler and car.)
- For safety, connect the panel to unit by the supplied wire.
- Do not use the Lossnay in areas prone to damage from salt or hot springs.
- Please set inclination of ceiling panel to less than 1 deg.
- Because we set a gap between a panel frame and the ceiling side, it doesn't fit stickly.

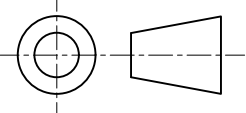
Precautions for use

- To ensure correct and safe use, read the instruction manual thoroughly.
- If there is much humidity emitted from building materials in new residential housing, dew condensation may occur, so please pause unit or open the window.
- If the temperature and humidity are raised more than necessary in the room, dew condensation may occur. In order to maintain the healthy and comfortable life and the durability of the building, please check the following matters and keep the room in a proper temperature and humidity environment.
 - Do not install many houseplants and large aquariums.
 - Use the humidifier with proper setting humidity.
 - Do not dry many of the laundry indoors.
- Small insects may pass through the air supply filter. Replace the air supply filter with the optional high efficiency filter or advanced high efficiency filter to improve the collection efficiency.
- When it's thundering, turn off the ventilation fan and the breaker as soon as possible. (Cause of damage to electrical components)
- When it's foggy, make sure to turn off the ventilation fan. (Cause of water dripping)
- If the ventilation fan is operated for a long time under the following conditions, dew condensation water may drip from the body of the ventilation fan. (Outdoor temperature: 0℃ or less, indoor temperature: 20℃ or more, indoor relative humidity: 60% or more)

(REMOTE CONTROLLER)

- The remote controller may not function correctly in the following locations.
 - Locations where there are obstacles between the remote controller and the receiver on the main unit.
 - Locations where strong light from a lighting equipment is striking.
 - Locations where strong light such as sunlight is striking the receiver on the main unit.
 - Locations where the remote controller may be subject to effects from electromagnetic waves such as in close proximity to television.
- The battery should be replaced approximately once a year. (Battery life varies depending on the battery type and the frequency with which the remote controller is used.)
- We recommend to install a bed in the operating range of the remote controller.
- The operation range of the remote controller is a value when I operated a remote controller towards a main body light receiving department.
- Because it causes the receiving sensitivity decline, We do not recommend the operation in the state that added a remote controller to a remote controller holder.
- When plural are installed, movement at the same time by remote controller operation. When you want to operate it individually, please operate it near a main body light receiving department.

※ Specifications may be subject to change without notice.

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