

Panasonic®

**Building Passion,
Building Solutions.**
Panasonic Air Conditioning Systems

We face a time in which "quality air" differentiates business. It's a time for Panasonic to fully display its strengths. Our ability to assemble and build superior systems isn't just due to the rich resources we have as a comprehensive electronics manufacturer, but also to Panasonic's 100 years of tradition, where each person thinks and acts on their own initiative while working in a team to reach further heights. We do not compromise. Each of our independent selves is a one stop solution. We face our customers' challenges together with our customers and do all that we can to build effective systems. As a true partner for our customers, we strive to always be at the forefront of business.

- Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
- Specifications are subject to change without prior notice.
- The contents of this catalogue are accurate as of February 2024.
- Due to printing considerations, actual colours may vary slightly from those shown.
- All graphics are provided solely for the purpose of illustrating a point.



Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for damage or deterioration in safety due to usage of other refrigerant.

Authorised Dealer

FEBRUARY_2024



Panasonic Heating & Cooling Solutions

Global site : panasonic.com/global/hvac/
PRO Club : panasonicproclub.global



[airconpanasonicglobal](https://www.youtube.com/channel/UCairconpanasonicglobal)

NEW High Static and Large Airflow Splittable Ducted for Cooling Only VRF Systems



NEW /// **nanoeX**
Generator Mark3

NEW /// **FSV EX**
COOLING ONLY ///



QUALITY AIR FOR LIFE

E3 TYPE High Static Ducted Splittable duct

High static and large airflow splittable ducted.



Please refer to the nanoe™ X website for the Mark3 information.



S-180ME3H / S-224ME3H / S-280ME3H

Optional accessory



Technical focus

- Easy installation and maintenance with compact and splittable chassis design
 - Max. 200 Pa static pressure setting*1
 - Design flexibility thanks to high static pressure and large air volume
 - DC motor equipped
 - Accurate temperature control to reduce cold drafts during operation
 - nanoe™ X : 100x for CAC (100 times more nanoe™ particle for wide commercial space)
- *1 In case of S-224ME3H and S-280ME3H

3-step static pressure set up

You can select between the three Static Pressure modes for extra installation flexibility.



* 22.4/28kW model

Max. 200 Pa static pressure setting

A maximum static pressure setting of a high 200 Pa enables the use of long ducts for installation in a wide range of spaces. Ideal for large-scale offices, restaurants and other facilities.

nanoe X Generator Mark3

nanoe™ X contains plenty of OH radicals that have outstanding effects on various air pollutants, including bacteria and viruses, mould, allergens, pollen, hazardous substances, as well as deodorise odours. It also keeps moisture in your skin and hair.



Easy disassembly steps

It can be disassembled in two steps, even in limited space, making maintenance easier when working on the ground.



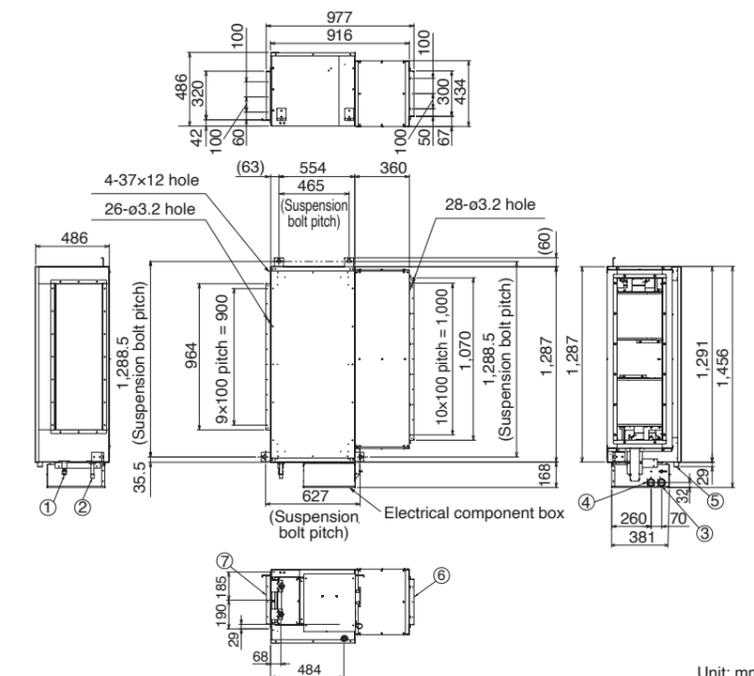
Model Name	S-180ME3H	S-224ME3H	S-280ME3H		
Power source	220V/230V/240 V, 1 phase-50 Hz, 220V/230 V, 1 phase-60 Hz				
Cooling capacity	kW	18.0	22.4	28.0	
	BTU/h	61,400	76,400	95,500	
Power input	Cooling kW	0.750	0.950	0.950	
Running current	Cooling A	4.20/4.10/4.00	5.30/5.10/5.00	5.30/5.10/5.00	
	Type	Sirocco fan			
Fan	Air flow rate (H/M/L)	m³/h	4,320/3,780/3,180	5,040/4,320/3,540	5,040/4,320/3,540
		L/s	1,200/1,050/883	1,400/1,200/983	1,400/1,200/983
	Motor output	kW	0.750	0.750 x 2	0.750 x 2
	External static pressure	Pa	120 (75/180)	130 (75/200)	130 (75/200)
Sound power level (H/M/L)	dB	80/78/75	81/79/76	81/79/76	
Sound pressure level (H/M/L)	dB(A)	48/46/43	49/47/44	49/47/44	
Dimensions	H x W x D	mm	486 x 1,456 x 916	486 x 1,456 x 916	486 x 1,456 x 916
	Pipe connections	Liquid	mm (inches)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Gas	mm (inches)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.22 (7/8)
	Drain piping		VP-25	VP-25	VP-25
Net weight	kg	84	88	88	

GLOBAL REMARKS	Rated conditions:	
	Indoor air temperature	Cooling 27°C DB / 19°C WB
	Outdoor air temperature	35°C DB / 24°C WB

* Can only be connected to the Cooling Only FSV-EX MS3 Series, not to the 2-Way FSV-EX ME2 Series, the 3-Way FSV-EX MF3 Series or the 2-Way Mini-FSV LE Series.

E3 TYPE HIGH STATIC SPLITTABLE DUCTED

1	Refrigerant liquid tubing (Flare) Type 180/224/280 : ø12.7
2	Refrigerant gas tubing (Brazing) Type 180 & Type 224 : ø19.05 Type 280 : ø22.22
3	Power supply port
4	Communication port
5	Drain port VP25
6	Air intake duct connecting side flange
7	Air discharge duct connecting side flange



Unit: mm