Panasonic

Living in Fresh Environment

VENTILATING FAN CEILING-MOUNT



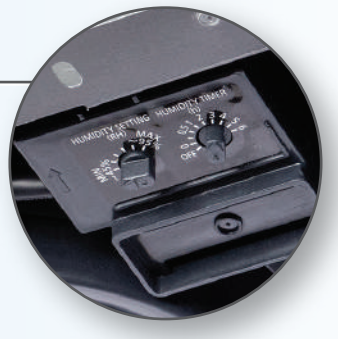
GENERAL FEATURE (for Sensor and Standard Series)

STANDARD SERIES

Achieve reduction of power consumption and noise by the optimized product structure



SENSOR SERIES



Switch for Pre-set Humidity / Off Delay Timer
(for sensor series FV-24CURV2 and FV-24CHRV2)

Long Life

- The unique design of HP (Half Pitch) motor incorporates with well lubricated ball bearings. It reduces temperature rise and prolongs motor lifetime and product durability
- Frame assembly made of ZAM alloy coated steel enhances rust protection
- Louver adopts PP material which has comparatively higher chemical resistance and weatherability than ABS material used in previous model

Highly Efficient

- Taper blade design effectively controls the turbulence surrounding the blade. Strong and smooth ventilation performance is achieved while noise level is reduced
- Curve-shaped backdraft shutter results in further improvement of air tightness and strength

Super Low Noise

- The integrated casing and orifice minimize the transmission of noise from the fan and motor to exterior. This technology further reduces the operation noise to incredibly low level by "Resonance-Noise-Absorption" operation, which creates a silent environment

Easy Installation

- Cassette type discharge adaptor facilitates the installation of the product, as well as duct connecting work
- Spring-clip on louver allows convenient installation and removal of louver

AUTO OPERATION (for Sensor Series)

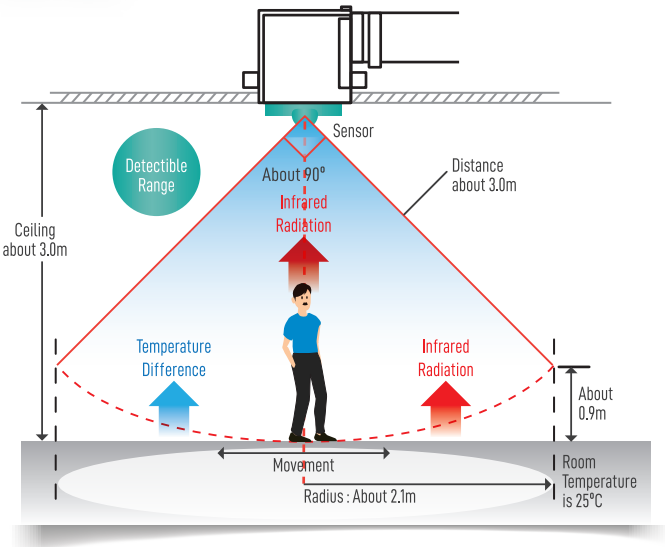
Motion Sensor

(for FV-24CURV2, FV-24CUR2, FV-24CHRV2 and FV-24CHR2)

You may forget to switch off the fan after using the toilet/bathroom, then you have to walk back for switching off the fan afterwards.

Ventilating fan with motion sensor can be switched on automatically when you enter the room and switched off after you leave.

Note:
It may be difficult to sense in the following cases
- **When there is almost no human movement**
- **When the room temperature is close to the body temperature**
- **There is an obstacle such as a shelf near the product**





Humidity Level Setting : 45% – 95% (6 interval)

Humidity Sensor (for FV-24CURV2 and FV-24CHRV2)

High level of humidity is often the result of vapor and steam generated by bathing that leads to discomfort and dampness problems in the house.

Ventilating fan with humidity sensor can help remove excess moisture from the room. The fan will be switched on when room humidity rises to the pre-set level and vice verse.

Also, during humid seasons, the fan will be activated as the room humidity reaches the pre-set level for ventilation effect. (Default Setting : 85%)

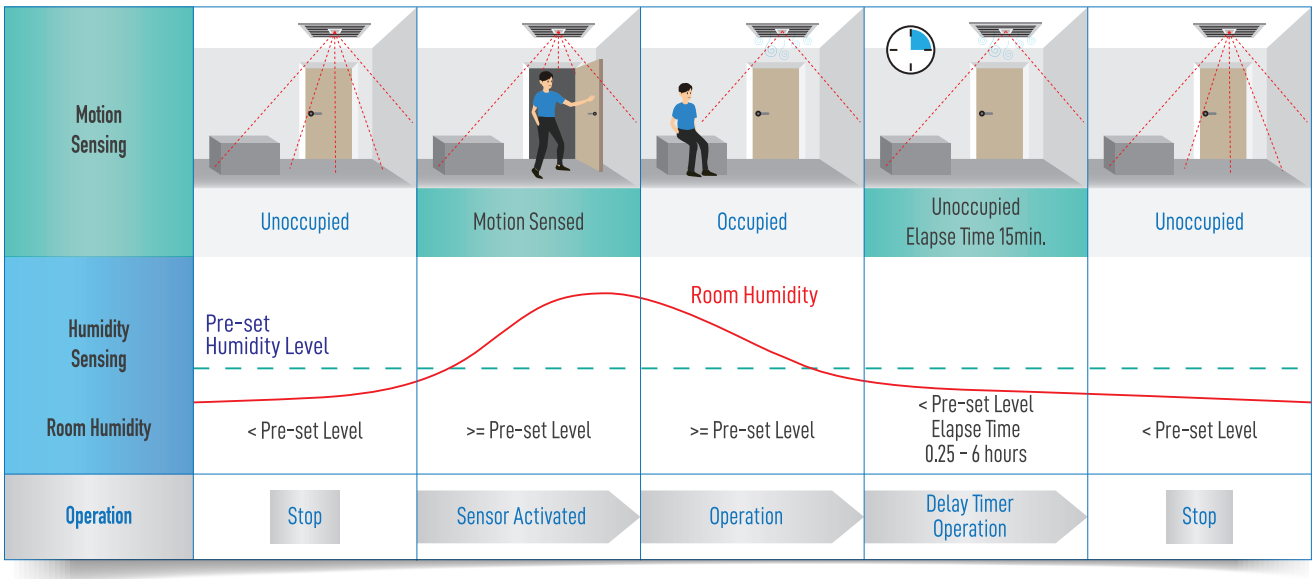


Off Delay Timer Setting for Humidity Sensing

Off Delay Timer (for FV-24CURV2 and FV-24CHRV2)

Sensor ventilating fan is equipped with Off Delay Timer which allows the fan to exhaust residual moisture and smell for pre-set duration after you leave the room. Even motion is not detected or the room humidity is lower than the pre-set level, the fan continues the operation until pre-set time has elapsed.

Pre-set Delay Duration
Motion Sensing : 15 minutes (default)
Humidity Sensing : OFF / 0.25 / 0.5 / 1 / 2 / 3 / 4 / 5 / 6 hours
(Default Setting : 1 hour)



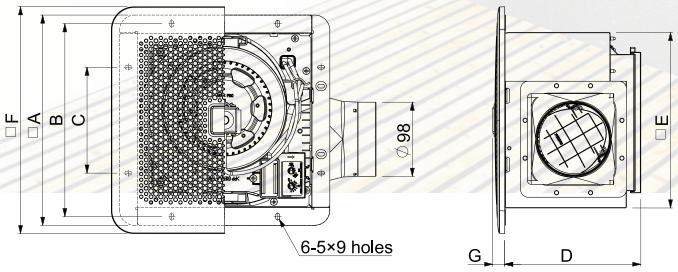
CEILING MOUNT VENTILATING FAN



SENSOR SERIES

FV-24CURV2
FV-24CHRV2

- Auto operation by motion sensor and humidity sensor
- Off delay timer (6 selections)
- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level

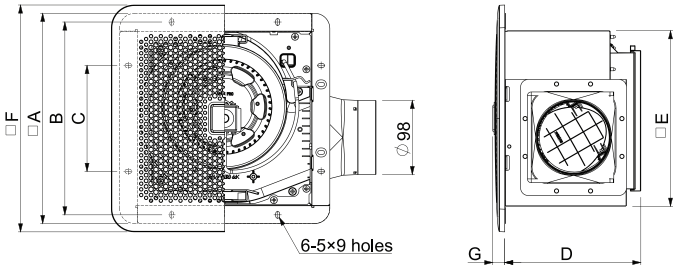


Unit: mm

A	B	C	D	E	F	G	Duct Size
278	255	140	180	233	300	16	Ø100

FV-24CUR2
FV-24CHR2

- Auto operation by motion sensor
- Off delay timer (15 minutes)
- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level



Unit: mm

A	B	C	D	E	F	G	Duct Size
278	255	140	180	233	300	16	Ø100

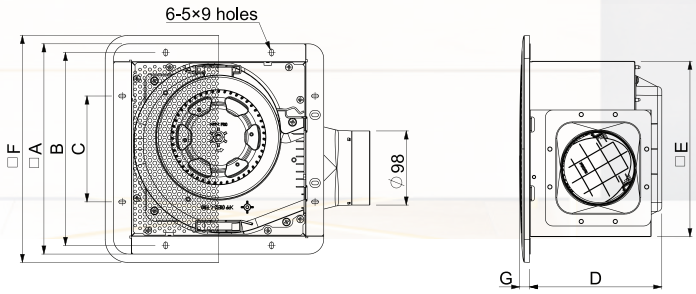
CEILING MOUNT VENTILATING FAN



STANDARD SERIES

FV-24CU9
FV-24CD9
FV-24CG9

- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level

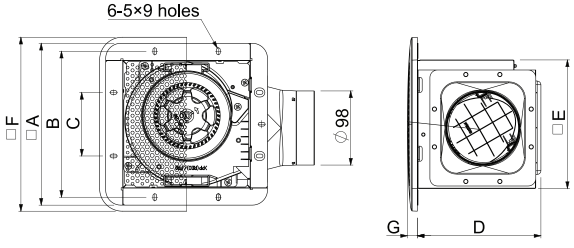


Unit: mm

A	B	C	D	E	F	G	Duct Size
278	255	140	175	233	300	13	Ø100

FV-17CU9
FV-17CH9

- HP (half pitch) motor with ball bearings
- Taper blade sirocco fan
- Curve-shaped backdraft shutter
- Super low noise level

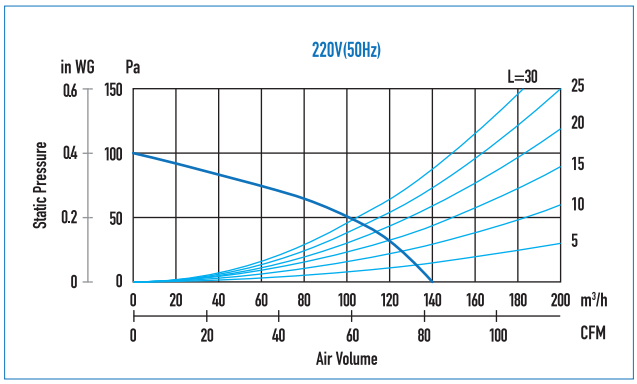


Unit: mm

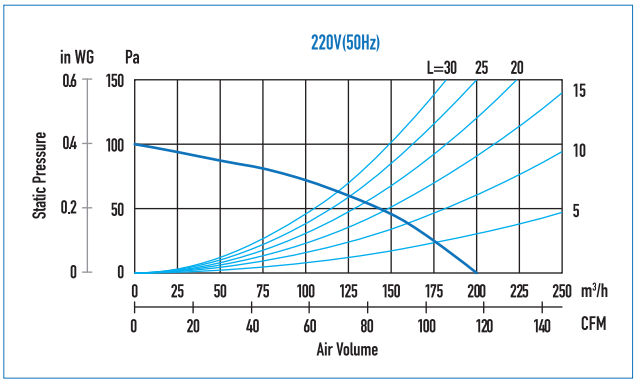
A	B	C	D	E	F	G	Duct Size
214	194	84	164	170	230	13	Ø100

PERFORMANCE DATA

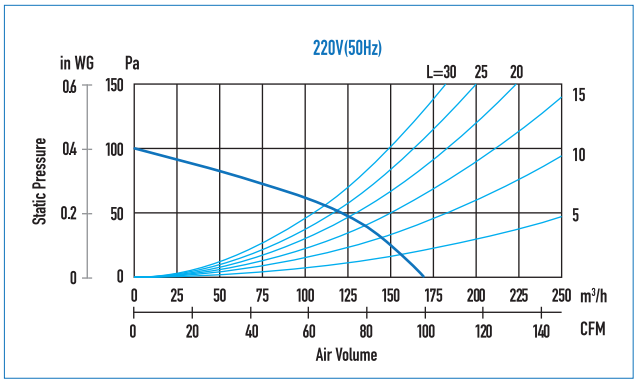
Sensor Series : FV-24CURV2 / FV-24CUR2
Standard Series : FV-24CU9



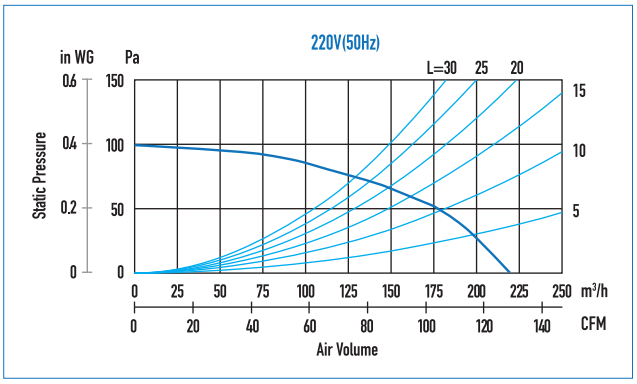
Sensor Series: FV-24CHRV2 / FV-24CHR2



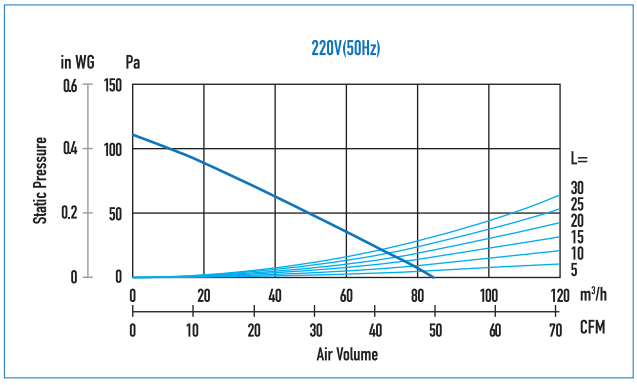
Standard Series : FV-24CD9



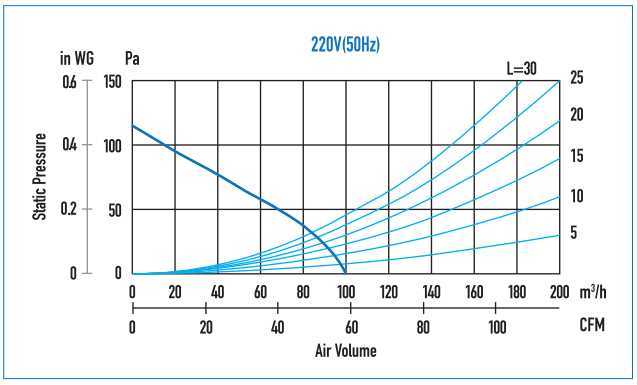
Standard Series: FV-24CG9



Standard Series : FV-17CU9



Standard Series: FV-17CH9



SPECIFICATIONS

Model No.		Voltage		Air Volume		Consumption	Speed	Noise	Weight	Installation	Duct Size
		[V]	[Hz]	[m³/h]	[CFM]	[W]	[RPM]	[dB (A)]	[kg]	[mm]	[mm]
Sensor Series	FV-24CURV2	220	50	140	82	11	570	25	2.9	240 x 240	Ø100
	FV-24CHRV2	220	50	200	118	17	760	32	2.9	240 x 240	Ø100
	FV-24CUR2	220	50	140	82	11	570	25	2.8	240 x 240	Ø100
	FV-24CHR2	220	50	200	118	17	760	32	2.8	240 x 240	Ø100
Standard Series	FV-24CU9	220	50	140	82	10.5	540	25	2.7	240 x 240	Ø100
	FV-24CD9	220	50	170	100	13.5	650	28.5	2.7	240 x 240	Ø100
	FV-24CG9	220	50	220	130	22.5	815	35	2.7	240 x 240	Ø100
	FV-17CH9	220	50	100	59	9 5	770	27.5	1.7	177 x 177	Ø100
	FV-17CU9	220	50	85	50	7.5	680	23	1.7	177 x 177	Ø100

Note:
1.The value of power consumption, air volume and noise are specified at the static pressure of 0 Pa.
2.The value of air volume is the mean value which is measured by our company.
3.The value of noise level is measured at 1m apart from the left, the right and the front of product, then get the average of three values.
4.The value of noise level is A weight average sound pressure level, the mean value is measured by our company.

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- Actual colors may vary slightly from shown.
- Specifications are subject to change without prior notice.

CATALOG NO: P-CM004
11. 2022