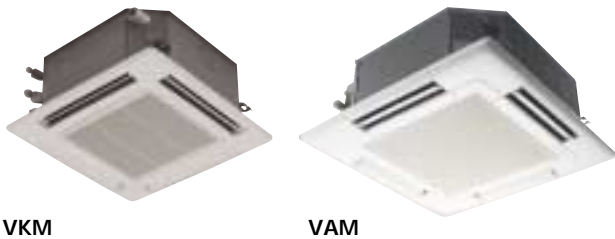


INDOOR UNIT

CEILING CASSETTE TYPE 4-WAY AIRFLOW PLFY-VKM/VAM

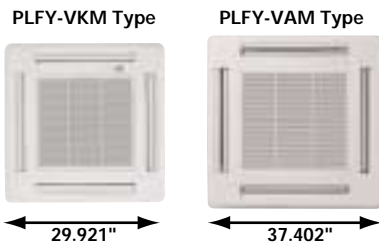
The new power cassette VAM offers 72 different airflow patterns, making it ideal for applications with ceilings up to 4.2 meters in height.



Easy Installation

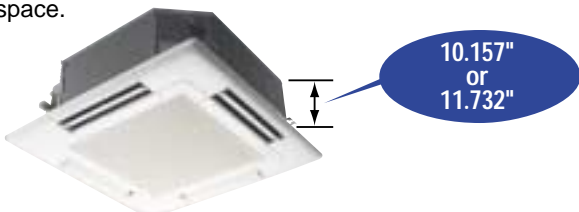
Only two panel sizes—perfectly suited to various installation configurations

Only two panel sizes are available, 29.921" for the compact VKM and 37.402" for the power cassette VAM. The VKM is lightweight and compact—only 44 lb and 25.984 in depth for easy installation.



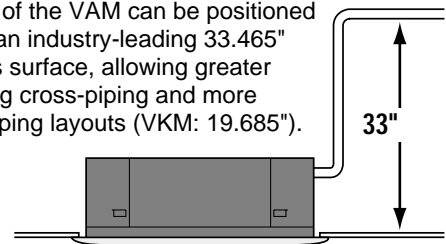
Unit height of only 10.157" and 11.732"—great for low-ceiling space situations

The new power cassette VAM has a unit height of only 10.157" or 11.732", depending on the model, to realize neat installation in low-ceiling situations with very limited space.



Drain water pipe lifted to 33" (power cassette VAM) — No.1 in the industry!

The drain piping of the VAM can be positioned anywhere up to an industry-leading 33.465" from the ceiling's surface, allowing greater freedom with long cross-piping and more versatility with piping layouts (VKM: 19.685").



Handy corner-pocket design simplifies maintenance and installation (power cassette VAM)

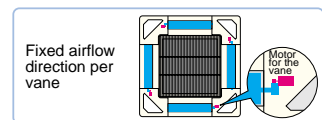
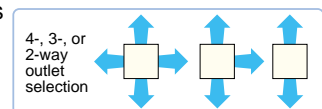
By using the handy corner pockets equipped on four corners of the grille, maintenance work such as drain pan cleaning and height adjustment can be accomplished without removing the grille. It is also easier to adjust the ceiling height of the indoor unit during installation.



Superb Features

First in the industry to offer 72 airflow patterns (power cassette VAM)

The 72 different airflow patterns provide the best solution for varying room layouts and air-conditioning requirements. For extra versatility, you can also select from two-, three- or four-way outlets. What's more, the addition of separate motors to the individual vanes enables manual control that-together with remote control vane settings-make possible highly customized and flexible airflow patterns.

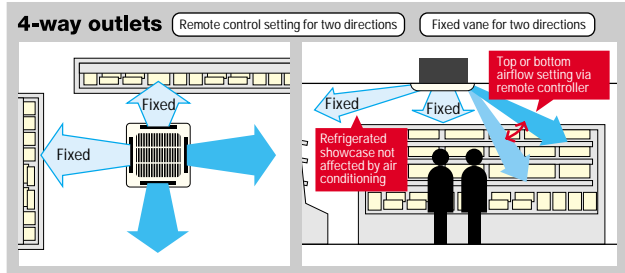


72 airflow patterns

*Optional air outlet shutter plate is necessary for two- or three-way airflow settings. The noise level may increase during two- or three-way airflow setup.

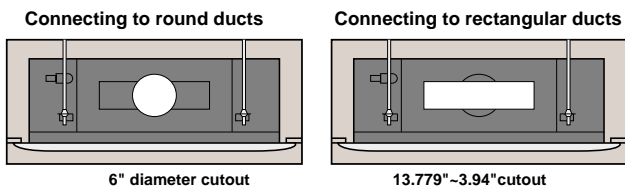
For Retail Outlets (i.e. Grocery Shops)

These units are ideal for maintaining constant temperatures in environments that have equipment such as refrigerate showcases. Individual vane angle adjustment enables precise airflow control to specific areas of the store to reduce unnecessary air conditioning of areas such as refrigerated showcases.



Compatible with both round and square ducts (power cassette VAM)

For easy connection to branch ducts, knockout holes are designed to fit both round and square ducts. Matching the shape of the duct fringe provides more flexibility during installation.

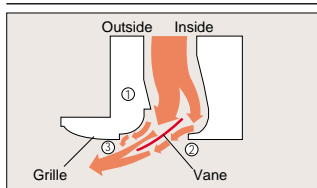


Smudge-free airflow prevents soiling of the ceiling surface (power cassette VAM & compact cassette VKM)

Mitsubishi Electric has developed a new airflow control mechanism where a projection inside the air passage distributes air evenly over the vane's upper and lower surface while two additional projections at the air outlet's exit adjust the angle of the airflow. This helps to prevent indoor air from rising, stopping it from hitting the surface of the ceiling to reduce the likelihood of soiling from smudging and condensation.

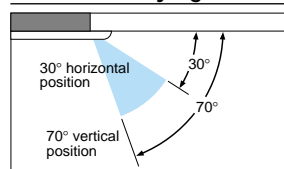


Smudging and the new airflow control mechanism



- ① A projection is created on the outside, where the airflow is fastest. This diverts the airflow and distributes it evenly over the upper and lower surfaces of the Vane.
- ②,③ The air outlet exit also has projections to prevent air from rising within the room and stopping it from hitting the ceiling.

Wider airflow setting reduces annoying drafts



Smudging: When cooled air is expelled horizontally, it tends to cling to the surface of the ceiling. This cools the surface down and causes condensation, which attracts dust from the room's interior to soil the ceiling's surface.

Bristle-free vane can be cleaned simply (power cassette VAM & compact cassette VKM)

The unique suction mechanism prevents indoor air from rising to eliminate condensation on the vane and make bristles unnecessary.

Push-open grill for easier filter cleaning (compact cassette VKM)

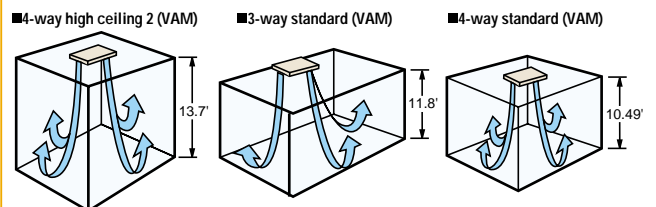
Since the grill opens smoothly and automatically at the push of a button, dust and dirt adhering to the filter is not scattered about, making the filter cleaning process simpler and faster.



Outstanding Specifications

Wide-flow air outlet delivers a comforting breeze

The airflow of the VAM power cassette is powerful enough to warm atrium-type ceilings up to 13.7' in height. The compact VKM type also utilizes wide-zooming flow for a comforting airflow in any situation.



Specifications according to ceiling height and number of vents

	Compact Cassette VKM		Power Cassette VAM		
	Standard	High ceiling	Standard	High ceiling 1	High ceiling 2
4-way	8.6'	9.6'	10.2'	11.5'	13.44'
3-way	9.6'	10.5'	11.5'	12.8'	13.44'
2-way	—	—	12.8'	6.4'	—

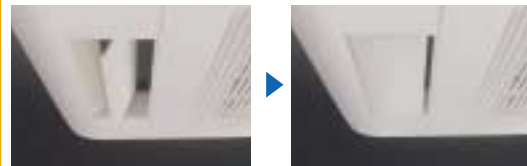
Functional and appealing vane shutter (power cassette VAM)

When the air conditioner is not operating, the vane shutter closes automatically to conceal the air outlet and create an aesthetically appealing flat surface.*

*This feature will not activate when the vane is set at fixed position.

During operation

When turned off



Direct intake of fresh exterior air

Indoor air quality is significantly enhanced by the direct intake of fresh exterior air. An optional multi-function case is also available for the intake of a larger volume of air.