

S-SERIES (PUMY) WWW.MITSUBISHIPRO.COM





When it comes to providing personalized comfort in every room of every building, we are here to help. No other company is as committed to creating environmentally friendly and affordable technology that's ideal for today's home and work environments, no matter the size or shape.

QUALITY

Mitsubishi Electric is consistently recognized by HVAC contractors as a preferred brand of ductless and variable refrigerant flow (VRF) systems, with the highest quality rating among manufacturers. With over 30 years of industry leadership, we are proud to be a leading brand of VRF technology.

PERFORMANCE

We deliver a complete range of compact and powerful heat pump and heat recovery products that are also intelligent, quiet, and use energy efficiently.

TRAINING

We provide comprehensive product and applications instruction through our regional training centers across the United States and Mexico.

SUPPORT

Our extensive network of VRF zoning-system professionals provide project consultation in the areas of application planning and design, plus installation and start-up. Our post installation support includes user training and operation monitoring.

GROWTH

Our products and services provide opportunities for architects, engineers, distributors and contractors to enhance and grow their businesses. With nearly 30 years of consistent growth, we continue to lead the ductless and VRF market's acceleration.

ECO CHANGES

Eco changes is our commitment to continuously strive for a greener tomorrow through cutting-edge global environmental technologies and outstanding strength in manufacturing.

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kumo cloud®
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PRODUCT OVERVIEW

WHY CITY MULTI® VRF SYSTEMS?

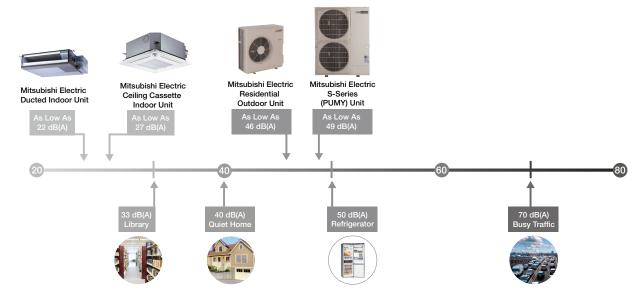
As a global leader in VRF zoning solutions, you can trust that you're receiving the most advanced technology and dedicated support in the industry.

CITY MULTI ADVANTAGES:

- Ultra-efficient design to ensure total comfort in any commercial space
- Advanced INVERTER technology varies the speed of the compressor for more efficient cooling and heating
- Complete zoning control so you heat and cool the areas that need it without paying for the ones that don't
- Design flexibility for any application, from modern designs to historic renovations

- Complete product family to handle every job from the smallest spaces to the largest buildings and campuses
- Sustainable technology that contributes to Leadership in Energy & Environmental Design (LEED) credits and saves energy
- Quiet operation that's even softer than a human whisper

QUIET OPERATION



PRODUCT OVERVIEW

OUTDOOR UNITS

We offer an air-source heat pump lineup that can be tailored to any application's requirements.





S-Series S-Series H2i®

INDOOR UNITS

Our wide range of indoor units enables you to choose the style and size that meets your requirements for layout and design.



PKFY Wall-mounted



PMFY Ceiling Cassette (1-way)



PCFY Ceiling-suspended



PVFY Multi-position Air Handler



PLFY-NEMU (33"x33") PLFY-NFMU (22"x22") Ceiling Cassette (4-way)



PEFY-NMSU Low Profile PEFY-NMAU Medium Static PEFY-NMHU High Static Ceiling-concealed Ducted



PFFY-NEMU Exposed PFFY-NRMU Concealed Floor-standing

CITY MULTI® CONTROLS NETWORK (CMCN)

The flexibility of CITY MULTI controls allows you to select the level of control that fits the application's needs.

CENTRALIZED CONTROLLERS



TC-24B
Touch Screen
Centralized Controller

ZONE CONTROLLERS



PAR-FL32MA
Wireless MA
Wireless Remote Controller



PAR-U01MEDU

Smart ME Controller®



PAC-YT53CRAU
Simple MA
Remote Controller



PAR-CT01MAU-SB
Touch MA
Remote Controller



PAR-40MAAU

Deluxe MA

Remote Controller



kumo cloud®

App-based Controller

NOMAD HOTEL LOS ANGELES, CA MITSUBISHI CITY MULTI



S-SERIES (PUMY)

Solutions for light commercial and large residential applications

S-Series (PUMY) systems are single-phase outdoor units with Variable Refrigerant Flow (VRF) technology, offering an ideal fit for light commercial applications. Featuring best-in-class efficiency ratings and ENERGY STAR® certified units, PUMY systems are designed to deliver operational cost-savings and long-term performance to building owners. The systems use an integrated controls network, and cool or heat up to 12 individual zones with a variety of indoor unit styles.



KEY FEATURES

- ► Single-phase 208/230V operation for use in light commercial and residential applications
- ► Systems available from 36,000–60,000 Btu/h
- ► All models are ENERGY STAR® certified
- ▶ Blue-fin condenser coating standard on all models
- ► Extended heating operating range down to -13° F
- Extended cooling operating range down to 5° F
- Connect up to 12 indoor units
 *Low ambient operation requires the use of low ambient accessories such as a WB-PA3 Wind Baffle.

Maximum Refrigerant Piping Lengths (Feet)	
Total Length	984'
Indoor to Outdoor	492 ²
Indoor to First Branch	98
Vertical Differentials Between Units (Maximum Feet)	
Indoor/Outdoor (Outdoor Higher)	164
Indoor/Outdoor (Outdoor Lower)	131
Indoor/Indoor	49

- 1. Applies to P36 and P48 models only.
- 2. Applies to P36 and P48 models only.

S-SERIES H2i® (PUMY H2i)

Solutions for light commercial and large residential applications

The S-Series (PUMY) outdoor unit lineup has expanded to include Hyper-Heating INVERTER® (H2i) technology. Part of the CITY MULTI® family, the PUMY is a single-phase heat pump ideal for light commercial and large residential applications including banks, churches, schools, retail centers and more.



KEY FEATURES

- ▶ 100% heating capacity at 5° F
- ▶ 78% heating capacity down to -13° F utilizing flash injection technology
- ► ENERGY STAR® certified units
- Base pan heater standard
- Available in 36,000 and 48,000 Btu/h capacities

*Low ambient operation requires the use of low ambient accessories such as a WB-PA3 Wind Baffle.

Maximum Refrigerant Piping Lengths (Feet)	
Total Length	984
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S-SERIES

S-Series accessories feature the latest in high quality, durable products designed to complement outdoor units and to maintain peak performance and with limited maintenance.

Air Outlet Guide

The air outlet guide is used to force air out of the outdoor unit, either upward, downward or sideways (to the left or to the right). It can be used to prevent the outdoor unit from short cycling the exhaust air. It also enables the outdoor unit to be mounted closer to a wall or other outdoor units.



Front Wind Baffle

The specifically designed S-Series front wind baffles block unwanted wind that could impede operation by preventing the fan from counter-rotating in windy conditions. The addition of a front wind baffle to the cabinet of the outdoor unit also extends the cooling capacity. This component is constructed to be durable and low maintenance.



Base Pan Heater

S-Series base pan heaters feature a heating coil controlled by the outdoor unit which prevents ice buildup. The base pan heater is ideal for low temperature, high humidity environments where the outdoor unit will be operating in heating mode for an extended period of time.



Air Deflector Vertical

The S-Series air deflector changes the direction of the discharged air. This permits multiple outdoor units to be positioned closer together in applications with limited space.







INDOOR UNITS

Complete Building Comfort Solutions

All models feature quiet operation, easy maintenance, and the ultimate in personalized comfort control. The chart below gives the capacity size for each model.

		Nominal Btu/h												
Capacity Code		4,000	5,000	6,000	8,000	12,000	15,000	18,000	24,000	27,000	30,000	36,000	48,000	54,000
Wall-mounted PKFY-P-N*MU-E	And Section 1	•		•	•	•	•	•	•		•			
Ceiling Cassette (4-way) PLFY-EP-NEMU				•	•	•	•	•	•		•	•	•	
Ceiling Cassette (4-way) PLFY-P-NFMU			•		•	•	•	•						
Ceiling Cassette (1-way) PMFY-P-NBMU				•	•	•	•							
Ceiling-suspended PCFY-P-NKMU							•		•		•	•		
Ceiling-concealed (Ducted Low-Profile) PEFY-P-NMSU				•	•	•	•	•	•					
Ceiling-concealed (Ducted Medium-Static) PEFY-P-NMAU				•	•	•	•	•	•	•	•	•	•	•
Ceiling-concealed (Ducted High-Static) PEFY-P-NMHU/NMHSU							•	•	•	•	•	•	•	•
Floor-standing (Exposed/ Concealed) PFFY-P-NEMU/NRMU				•	•	•	•	•	•					
Multi-position PVFY-P-NAMU						•		•	•		•	•	•	•

PKFY (Wall-mounted)

Elegant design and compact dimensions

Whatever the size or shape of your room, there's a PKFY wall-mounted unit that is just right for you. PKFY units mount high on the wall and blend beautifully into any space. Perfect for hotels, assisted living facilities, offices, residences and other applications where wall space is available.

KEY FEATURES



- ▶ Ranges from 4,000 to 30,000 Btu/h
- ▶ Compact, lightweight and features a built-in wireless sensor for use with an optional wireless remote controller
- Extremely quiet: as low as 22 dB(A)
- ► Multiple fan speed settings
- ▶ Multiple vane settings and swing setting adjust airflow in vertical directions
- ▶ Front panel opens easily—no tools are needed to gain access to the filter
- ▶ Refrigerant and drain piping can be connected from the rear, right, base, or left of the unit
- ▶ Condensate pump systems are available when gravity drainage is not available

Benefits

EASY FILTER CLEANING

The front grille hinges open easily—no tools are needed to gain quick access to the filter. The filter can be removed and cleaned as needed.

QUIET OPERATION

The unit incorporates a random pitch fan to assure quiet operation. The optimal design of the airflow passage features a small fan diameter to allow for a compact installation. Thanks to practical casing configuration, airflow generated by the fan is uniformly distributed.

SUPERIOR AIR DISTRIBUTION

A user–selectable vane swing setting with the Smart ME and Simple MA remote controllers enhances air distribution in the conditioned space.

FLEXIBLE INSTALLATION

Refrigerant and drain piping can be connected from the rear, right, base, or left of the unit, providing much greater flexibility for piping and selecting an installation site.

PLFY (Four-way Ceiling Cassette)

Adjustable airflow to meet your every need

The PLFY-Series four-way ceiling cassette provides exceptional performance and air coverage. Two styles are available: the PLFY-EP-NEMU and the PLFY-P-NFMU. Both models can be accessorized with installation trim panels (PLFY-ITP1 and PLFY-ITP2) to ensure a seamless integration into suspended ceilings.



PLFY-EP-NEMU

KEY FEATURES

- ▶ 33" x 33" cabinet size
- ► Capacity range from 6,000 to 48,000 Btu/h
- ► Sound levels as low as 19 dB(A)
- Ventilation air connection(s) (second connection found in multi-function casement)
- High-efficiency filter option (MERV-10 requires multifunction casement)
- Branch ducting capability
- ► Four speed fan settings
- ▶ Integrated condensate lift mechanism to provide up to 33-7/16" of lift



PLFY-P-NFMU

KEY FEATURES

- ▶ 22" x 22" cabinet size to fit into standard T-grid ceiling
- ► Capacity range of 5,000 to 18,000 Btu/h
- ► Sound levels as low as 26 dB(A)
- ► Ventilation air connection
- ► Four speed fan settings
- ► Integrated condensate lift mechanism to provide up to 19-11/16" of lift

Benefits

HIGH PERFORMANCE AND VERSATILITY

The four–way ceiling cassette is compact and recesses easily into a ceiling space, so all you see is an attractive flush-mounted grille. The PLFY-EP-NEMU has a unit height of only 10-3/16" or 11-3/4", depending on the model. At 8-3/16" in height and 22-7/16" x 22-7/16" width, the PLFY–P-NFMU makes even the tightest of ceiling installations a possibility.

QUIET OPERATION

This powerful indoor unit is whisper–quiet, down to 26 dB(A) for the PLFY-P-NEMU and 29 dB(A) for the PLFY-P-NFMU.

CUSTOMIZE THE AIRFLOW PATTERN TO MEET YOUR NEEDS

The different airflow options provide the best solution for a variety of room layouts and air–conditioning requirements. For extra versatility, you can select up to 72 airflow patterns with two-, three-, or four-way airflow.

BUILT-IN CONDENSATE LIFT MECHANISM

The drain piping of the PLFY-EP-NEMU can be positioned anywhere up to 33-7/16" from the ceiling's surface, allowing for long piping and versatility. The PLFY-P-NFMU model has a built–in pump that lifts condensate 20" from the ceiling's surface. The unit recognizes if there is a pump failure and safeguards against leaks.

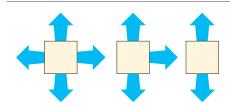
CORNERPOCKET DESIGN SIMPLIFIES MAINTENANCE AND INSTALLATION

PLFY-EP-NEMU allows access through the pockets equipped on each of four corners of the grille to complete installation, maintenance work, and height adjustment.

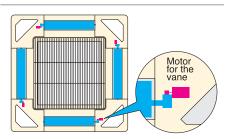
EASY MAINTENANCE, LONG-LIFE FILTER

The washable filter provides about 2,500 hours of use in a normal office environment before cleaning is needed.

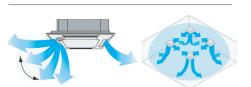
4-, 3-, OR 2-WAY AIRFLOW



FIXED AIRFLOW DIRECTION PER VANE



INDEPENDENT VANE MOTOR CONTROL



Ä-see Sensor™



The 3D i-see Sensor detects the number of occupants in a room and adjusts the temperature accordingly, making automatic energy-saving operation possible in places where the number of occupants frequently changes. Additionally, when the area is continuously unoccupied, the system switches to an enhanced power-saving mode.

- Detects occupants location
- ▶ Detects size, temperature, and movement of occupants (heat source). Once an occupant is detected, the angle of the indoor unit's vane(s) is automatically adjusted. Each vane can be independently set to "Direct Airflow" or "Indirect Airflow" according to user preference
- ► Highly accurate temperature detection
- ▶ The sensor can detect 1,856 points of surface temperature, rotating a full 360° in 3-minute intervals
- This is a significant improvement over the previous version of the i-see Sensor, which had a single element and did not detect room occupants
- ► Room occupancy energy-saving mode
- When the occupancy rate is approximately 30%, energy consumption is reduced by offsetting the temperature by $\pm 2^{\circ}$ F
- ► No occupancy energy-saving mode
- When the 3D i-see Sensor detects that no one is in the room, and 60 minutes have elapsed, the room temperature is offset by $\pm 4^{\circ}$ F
- ► No occupancy Auto-OFF mode
- When the room remains unoccupied for a user specified period of time, the indoor unit turns off automatically, providing even greater energy savings. The time period can be set, in 10-minute intervals, from 60 to 180 minutes





PMFY (One-way Ceiling Cassette)

Compact and lightweight, perfect for office spaces with windows

The PMFY model is a ductless, one-way, ceiling cassette that moves air in one direction, and has the capability of introducing ventilation air. The PMFY can be accessorized with an installation trim panel (PMFY-ITP1) to ensure a seamless integration into suspended ceilings.



KEY FEATURES

- ▶ The PMFY is available in 6,000, 8,000, 12,000 and 15,000 Btu/h
- Standardized cabinet size for all models: 31-31/32"
- Airflow control technology operates as low as 27 dB(A) for industry-leading quiet performance
- ▶ Integrated condensate lift mechanism to provide up to 23-5/8" of lift
- Full unit access through front cover panel

Benefits

QUIET OPERATION

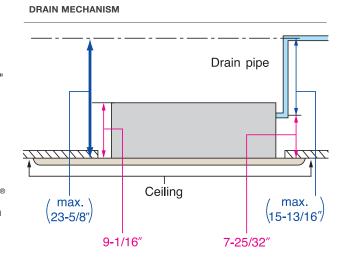
Specialized airflow control technology operates as low as 27 dB(A) for industry-leading sound performance.

BUILT-IN CONDENSATE LIFT MECHANISM

The drain pipe can be extended anywhere up to 23-5/8" above the ceiling's surface.

EASY INSTALLATION AND MAINTENANCE

PMFY body size has been standardized for all models at 31-31/32" for easier installation. With a height of only 9-1/16", the profile is one of the smallest of all CITY MULTI® ceiling models. This unit is one of the lightest available with a weight of only 31 pounds for the main unit and seven pounds for the panel.



PCFY (Ceiling-suspended)

Compact design ideal for classrooms, restaurants and stores

The PCFY model features powerful air throw to cover entire spaces quietly and efficiently.



KEY FEATURES

- Available in 15,000, 24,000, 30,000, and 36,000 Btu/h capacities
- Auto-vane and wide-range outlet provides uniformly distributed conditioned air to all corners of the room
- Four speed fan settings
- ► Accessory filters are available to increase filtration effectiveness
- Optional pump kit is available for condensate removal

Benefits

POWERFUL PERFORMANCE

The easy-to-install, ceiling-suspended unit delivers enough cold or hot air to make any space more comfortable. Manually adjusted, oversized swing louvers direct the airflow left or right, covering the entire space quietly and efficiently.

THE i-see Sensor™ ACCESSORY

This amazing technology constantly monitors and adjusts temperatures for maximum comfort and efficiency.

- Measures infrared rays generated from surrounding walls and surface angles
- ► Rotates 90 degrees in five-second intervals
- ► Efficiently adjusts temperatures to ideal comfort levels for occupants

QUIET, EFFICIENT AIRFLOW

Appropriate airflow can be selected to enhance space conditioning efficiency and comfort while operating at a low sound level. PCFY's auto-vane and wide-range outlet swings the conditioned air and distributes it uniformly to all corners of the room.

EASY INSTALL

The PCFY's direct suspension allows installation on most ceiling surfaces quickly and securely using only suspension bolts and the durable attachment fixture. An optional pump kit is available to dispose of condensate.

PEFY (Ceiling-concealed Ducted)

Flexible design allows elegant interior layout

The PEFY models are high-performance, ceiling-concealed, ducted indoor units. An excellent choice for office buildings, schools, hotels, assisted-living facilities and other applications where ceiling space is available.

KEY FEATURES

- External static pressure settings are adjustable to meet varying application conditions
- Choice of fan speed settings
- Side access to control panel
- ▶ Integrated condensate lift mechanism (low-static, mid-static and NMHU-E2 models)



LOW PROFILE (NMSU)

- Extremely quiet, with sound ratings as low as 26 dB(A)
- ► Capacities range from 6,000 to 24,000 Btu/h
- ▶ Integrated condensate lift mechanism to provide up to 21-11/16" of lift



MEDIUM STATIC (NMAU)

- ▶ Provides up to 0.60" external static pressure
- Extremely quiet, with sound ratings as low as 26 dB(A)
- ► Capacities range from 6,000 to 54,000 Btu/h
- ▶ Integrated condensate lift mechanism to provide up to 27-9/16" of lift



HIGH STATIC (NMHU-E2)

- ▶ Provides up to 1.00" external static pressure
- Extremely quiet, with sound ratings as low as 36 dB(A)
- Capacities range from 15,000 to 54,000 Btu/h
- ▶ Integrated condensate lift mechanism to provide up to 27-9/16" of lift

Benefits

CHOICE OF EXTERNAL STATIC PRESSURE

Additional external static pressure capacity provides flexibility for duct extension, branching, and air outlet configuration. The factory setting can be field-adjusted to match the installed ductwork for PEFY indoor units. The PEFY indoor unit is available in a low–profile option with up to 0.20" W.G., a medium static option with up to 0.60" W.G., and a high–static option for up to 1.00" W.G.

QUIET OPERATION

The specially designed centrifugal fan provides exceptionally quiet operation, even at high operating speeds.

OPERATING SOUND RANGE

	PEFY-P-NMAU	P06	P08	P12	P15	P18	P24	P27	P30	P36	P48	P54
Sound Level dB(A)	Fan Speed Low-High	26	-29	28	-34	28-35	29-36	30-	-38	32-41	35-44	36-45

	PEFY-P-NMSU	P06	P08	P12	P15	P18	P24
Sound Level dB(A)	Fan Speed Low-High	22-28	23-30	23-35	28-33	30-37	30-40

	PEFY-P-NMHU	P15	P18	P24	P27	P30	P36	P48	P54
Sound Level dB(A)	Fan Speed Low-High	34	-39	36-41	35-41	38-43		38-44	

BUILT-IN CONDENSATE LIFT MECHANISM

The drain piping can be positioned anywhere up to 21-11/16" for NMSU or 27-9/16" for NMAU and NMHU from the ceiling's surface, allowing for long piping and versatility. A built-in safety switch halts operation if the pump experiences a problem or the drain becomes clogged, ensuring no water leaks occur.

COMPACT OPTIONS (PEFY-P-NMSU)

The PEFY-P-NMSU-E model is very compact, with a height of 7-7/8". Standard features include brazed refrigerant connections, rear air return, and auto fan mode. The unit operates as low as 22 dB(A), and the control panel is located on the opposite side from other ducted models. This unit is an ideal choice for guest rooms in hotels, dormitories, assisted living centers or any application with tight vertical clearances and minimal duct work.

FB (M, L, H) FILTER BOXES

Designed for CITY MULTI® Ceiling-concealed Ducted Indoor Units

Low-Profile FBL boxes include 1"-thick pleated MERV 13 filter(s).

Medium-Static FBM boxes include 2"-thick pleated MERV 13 filter(s).

High-Static FBH boxes include 4"-thick pleated MERV 13 filter(s).



KEY FEATURES

- ► Class 2 rated under UL Standard 900
- ▶ Cabinet is constructed of non-insulated G-60 galvanized steel
- ▶ Foam gasket provides airtight connection to indoor unit and access door
- ▶ Return connection in rear easily field converted to bottom

Part Number	Used on CITY MULTI Models	Filters Included	Net Weight (lbs.)
FBL1-1	PEFY-P06, P08, P12-NMSU	(1)—13" x 25" x 1"	12
FBL1-2	PEFY-P15, P18-NMSU	(1)—12" x 20" x 1" (1)—12" x 14" x 1"	15
FBL1-3	PEFY-P24-NMSU	(3)—12" x 20" x 1"	18

Part Number	Used on CITY MULTI Models	Filters Included	Net Weight (lbs.)
FBM2-1-A	PEFY-P06, P08, P12-NMAU	(1)—14" x 25" x 2"	20
FBM2-2-A	PEFY-P15, P18-NMAU	(1)—14" x 20" x 2" (1)—14" x 14" x 2"	26
FBM2-3-A	PEFY-P24, P27, P30-NMAU	(2)—14" x 20" x 2"	32
FBM2-4-A	PEFY-P36, P48-NMAU	(2)—14" x 20" x 2" (1)—14" x 14" x 2"	41
FBM2-5-A	PEFY-P54-NMAU	(3)—14" x 20" x 2"	46

Part Number	Used on CITY MULTI Models	Filters Included	Net Weight (lbs.)
FBH2-1	PEFY-P15, P18, P24-NMHU	(1)—20" x 24" x 2"	14
FBH2-2	PEFY-P27, P30-NMHU	(1)—20" x 16" x 2", (1) – 20" x 20" x 2"	24
FBH2-3	PEFY-P36, P48 P54-NMHU	(2)—20" x 20" x 2"	27

PFFY (Floor-standing)

Effectively use perimeter areas for space conditioning

PFFY floor-standing models are available as exposed or concealed indoor units. At less than nine inches deep, these units are easy to install in peripheral spaces, yet offer highly-efficient cooling and heating performance. Their low operating sound and compact size make them ideal for hotel rooms, schools and office buildings.

PFFY-P-NRMU Concealed Type

KEY FEATURES

 PFFY-NRMU—designed for applications requiring a built-in, concealed, floor-standing unit



 PFFY-NEMU—exposed-type model, perfect for most applications and requires no finish work

- Available in 6,000, 8,000, 12,000, 15,000, 18,000 and 24,000 Btu/h
- Two speed fan settings
- ► The PFFY-P-NRMU unit can be field converted from top discharge to front discharge

Benefits

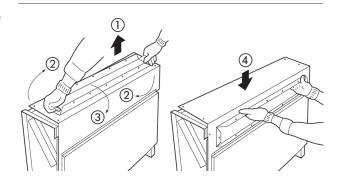
OPTIONAL MOUNTING FOR REMOTE CONTROLLER

PFFY units can house a remote controller in the top corner (under a cover panel). The remote controller can be mounted on the wall or in the PFFY unit.

INSTALLATION FLEXIBILITY

The PFFY-P-NRMU-E unit can be field converted from top discharge to front discharge to increase installation flexibility.

INSTALLATION FLEXIBILITY



PVFY (Multi-position Air Handler)

Ideal for closet, attic, or equipment room installations

PVFY multi-position air handlers can be connected to a system with other CITY MULTI® indoor units for complete system design flexibility. The multi-position design is suitable for any application, making it ideal for installation in a closet, attic, or an equipment room.

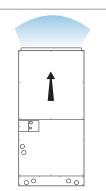
Capacity Range

Capacity Range: 12,000–54,000 Btu/h

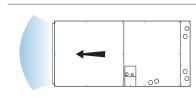
KEY FEATURES

- ► Selectable external static pressure up to 0.80
- ► Reusable standard-size 1" filter
- ► Side return available (P12-P24 only)
- ▶ Unique cabinet insulation design allows for no thermal penetration into the coil section
- Cabinet can be disassembled to install in very tight spaces
- ► Heavy gauge, high-gloss powder coat finish steel cabinets with 1" fiberglass-free foam insulation (R-4.2 insulation value)
- Accessories available for various custom applications, including two-stage auxiliary heat, fan speed indication, humidifier control, and more
- ► Cabinet sections are embossed with fan, coil, and other components for easy identification and maintenance

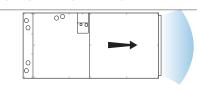
VERTICAL AIRFLOW



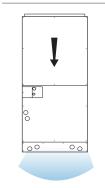
HORIZONTAL LEFT AIRFLOW



HORIZONTAL RIGHT AIRFLOW



DOWNFLOW



For downflow configurations, the CMA-1 is recommended for proper management of condensate to prevent water blowoff in certain conditions.



Electric Heater Kit

An optional supplemental electric heat kit is available if an additional source of heat is required. Mounts directly to the air outlet connection of the multi-position air handler.



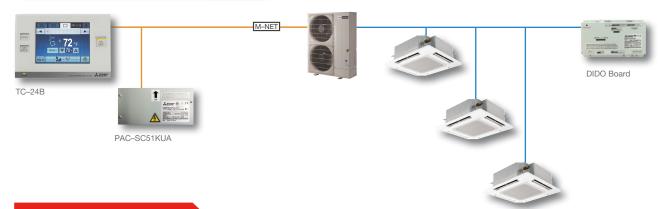
CONTROLS SOLUTIONS



CENTRALIZED CONTROLLER TC-24B



Customized individual zone control via a bright and easy-to-use touchscreen interface. The TC-24B is perfect for light commercial and residential applications.



STANDARD FEATURES

Function	Description
Max No. of Indoor Units	Up to 24 indoor units can be connected
ON/OFF	On/Off operation for a single group and batch operation
Operation Mode	Setback /Cool/Dry/Auto (R2- and WR2-Series)/Fan/Heat
Temperature Setting	Supports single and dual set point modes/Set temperature from 57° F – 87° F depending on operation mode and indoor unit
Fan Speed Setting	Hi/Mid-2/Mid-1 /Low/Auto (Available fan speed settings depending on indoor unit)
Airflow Direction Setting	Airflow angles: 100° - 80° - 60° - 40° and swing/Airflow direction settings vary depending on indoor unit model
Permit/Prohibit Function	Individual prohibit operations for each remote controller function (ON/OFF, Set Temperature, Operation Mode and Filter Reset)
Indoor Return Air Temperature	Displays the measured return air temperature from each group
Error Indication	Displays a four-digit code and the affected unit address
Ventilation Interlock	Allows the group to be interlocked with Lossnay unit
Schedule Operation	Weekly schedule can be set by groups based on operation pattern
External Input/Output	Inputs: Level Signal-Batch Start/Stop, Batch Emergency Stop Outputs: Start/Stop Status, Error/Normal Status
Power Supply	PAC-SC51KUA
Dimensions – (H x W x D)	4-3/4" x 7-1/8" x 1-3/16"

INPUT/OUTPUT CONTROLLERS

PAC-YG66DCA DIGITAL INPUT DIGITAL OUTPUT (DIDO) CONTROLLER

The DIDO controller makes it possible to control general-purpose equipment with an AE-200A, AE-50A, EW-50A, or TC-24B centralized controller. Connect up to six (6) pieces of equipment to the DIDO controller. The equipment can either be scheduled or interlocked with indoor units through the use of a centralized controller.

Note: 24 VDC power is required on-site.

STANDARD FEATURES

Function	Description			
Inputs	Qty two Digital Status Inputs and 2 Digital Error Inputs (Non-Voltage Contacts)			
Outputs	Qty two Digital Outputs (Non-Voltage Relay Contact Use only VDC with outputs			
Monitor	Status, Fault Requires AE-200A, AE-50A, EW-50A, or TC-24B Centralized Controller			
Control	On/Off, Start/Stop, Enable/Disable Requires AE-200A, AE-50A, EW-50A, or TC-24B Centralized Controller			
Schedule Operation	Weekly schedule can be set by groups based on operation pattern Requires AE-200A, AE-50A, EW-50A, or TC-24B Centralized Controller			
Interlock Function	Interlock M-NET devices and output contacts according to status of input contacts			
Power Supply	24 VDC (5W plus loads)			
Communication	M-NET			
Dimensions — (H x W x D)	4–3/4" x 7–7/8" x 1–13/16"			





ZONE CONTROLLERS

Remote Controller for CITY MULTI® systems featuring an intuitive touch screen interface with dual set point functionality and LED status indicator



PAR-U01MEDU

SMART ME CONTROLLER®

KEY FEATURES

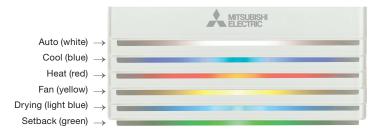
- ▶ Intuitive backlit touch screen
- ▶ Group control up to 16 indoor units in a single zone
- ▶ Onboard temperature, humidity, occupancy, and brightness sensors
- ▶ Monitors third-party equipment through AdvancedHVAC controller
- Supports dual set point and setback functions
- Improved scheduling
- ► Color glow status indicator LED bar
- ▶ Dimensions (H x W x D): 4-3/4" x 5-9/16" x 1"







COLOR GLOW STATUS INDICATOR



The LED bar indicates the operation status by lighting and blinking with different colors and brightness (High/Low), or by turning off. Multiple operation status indicators include blue (Cooling), light blue (Drying), yellow (Fan), white (Auto), green (Setback), red (Heating) and lime (Energy Save). Advanced settings are available for selecting desired color per mode, LED brightness (in conjunction with room brightness sensor), and temperature range indicator.

ENERGY SAVE FUNCTION

The Energy Save function reduces energy consumption during vacancy. The user can select a mode for the Energy Save function which is activated based on vacancy detection in a room, including the following:

- ► Thermo-off: Puts the unit into the Thermo-off state
- ▶ Set temperature offset: Offsets the set temperature
- Fan speed down: Sets the fan speed to Low
- ON/OFF: Turns off the unit
- ▶ Operation mode: Sets the operation mode to Setback

OCCUPANCY SENSOR

The built-in Occupancy Sensor is used to detect movement in a room. If the sensor detects no movement (or "vacancy") it will activate the selected Energy saving function mode. The Occupancy Sensor returns the system to original operating status after detecting movement. The user can adjust the away time and detection sensitivity threshold level for the Occupancy Sensor. Brightness can also be used in conjunction with motion to determine occupancy.

ZONE CONTROLLERS

Full color touch panel customizable display



PAR-CT01MAU-SB

TOUCH MA

KEY FEATURES

- ► Controls up to 16 indoor units
- Backlit LCD: full color, touch screen display includes 180 color patterns
- ► On/Off timer: turns on and off daily at a set time
- Fan speed settings
- ► Large icons for easy readability
- ▶ Bluetooth® app for users & installer
- Dimensions: 2-9/16" x 4-23/32" x 9/16"
- ► Customize display with customer logo or background colors

Wired remote controller ideal for easy operation, convenience, and energy savings



PAR-40MAAU

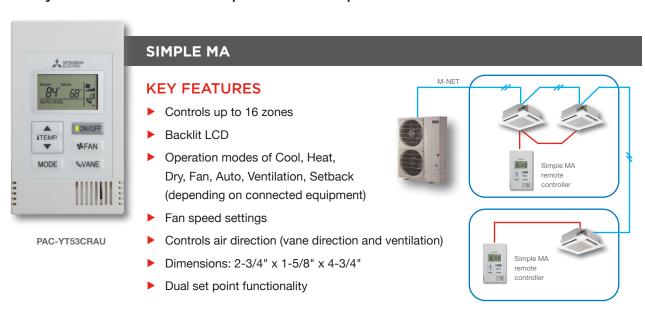
DELUXE MA

KEY FEATURES

- Controls up to 16 zones
- Large easy-to-see backlit LCD with two display modes: Full or Basic
- Interlock and control Lossnay units
- Operation modes: Auto, Cool, Heat, Dry, Fan
- ► Fan speed settings
- ► Controls air direction (vane direction and ventilation)
- ▶ Dimensions: 4-3/4" x 3/4" x 4-3/4"
- Dual set point functionality
- ▶ Daylight Saving Time (DST) included

ZONE CONTROLLERS

Easy-to-use remote for temperature and operation mode control



Easy-to-use hand-held remote for temperature and operation mode control for CITY MULTI® and P-Series systems



PAR-FL32MA

WIRELESS MA REMOTE CONTROLLER AND MA RECEIVER

KEY FEATURES

- ▶ Hand-held wireless remote control of up to 16 indoor units
- ▶ Operation modes of Cool, Heat, Dry, Fan, Auto, Ventilation
- ► Fan speed, airflow direction settings
- ► Compatible with P-Series and CITY MULTI systems
- ▶ Requires PAR-FA32MA Wireless Receiver. (Built-in as standard on PKFY models)
- ► Dimensions Remote: 2-5/16" x 3/4" x 5-1/4" Receiver: 2-3/4" x 7/8" x 4-12/16"

kumo cloud®



KEY FEATURES

- ► Compatible with CITY MULTI® and M- and P-Series systems without a central controller
- ▶ Requires the Mitsubishi Electric Wireless Interface (PAC-USWHS002-WF-2)
- Easy to connect the device to your router using the kumo cloud app
- ► App compatible software platforms:
 - Apple iOS 8.0 or later
 - Android 4.1 or later
 - · Fire OS 4.1 or later
- Intuitive settings for simplified use:
 - · Group units together
 - Organize groups into sites
 - · Batch command units
- Error and filter status pop-up
- ▶ Advanced functions settings for M- and P-Series equipment











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- Autochangeover: System mode is determined using a patent pending algorithm calculating the difference between the room temperature and set point plus weighted consideration for zone priority.
 - · Adjustable minimum run time after a changeover event
 - · Adjustable maximum wait time before a changeover event

WIRELESS INTERFACE 2

- ▶ Allows for Mitsubishi Electric indoor units to communicate with kumo cloud app and web service
- Wireless connection via Wi-Fi network
- ► Connected to indoor unit via CN105
- ▶ One Wireless Interface required per connected indoor unit
- ▶ Dimensions: 1.82" H x 0.69" W x 2.92" D
- ▶ Radio protocol: IEEE 802.11 b/g/n 2.4 GHz only Wi-Fi network
- ▶ Internet access required for initial setup and scheduling
- ► Contains a CN105 connection to allow for kumo cloud and MHK2 kumo touch™ RedLlnk™ Wireless Remote Controller to be used on the same indoor unit



PAC-USWHS002-WF-2

kumo station®

- ► Four outputs to control auxiliary heat, humidifier, **dehumidifier, ERV or HRV*
- ► Controls one or two stages of supplemental heat*
- ▶ Wireless Interface two required to connect to kumo cloud
- ▶ 24 VAC power supply required. Supplied by others
- ► Compatible with kumo cloud 2.6 or later



kumo cloud®

WIRELESS TEMPERATURE AND HUMIDITY SENSOR FOR kumo cloud

- One wireless remote sensor per Wireless Interface 2
- ► Connects via Bluetooth Low Energy with Wireless Interface 2
- Specified open range 33 feet (10 m)
- ► Battery powered (1 year battery life)
- ▶ Push notifications when battery is low through kumo cloud app



PAC-USWHS003-TH-1

OUTDOOR AIR TEMPERATURE SENSOR

- ▶ Used with kumo station to control backup heat and heat pump staging
- ▶ Wire length 60 ft (18.3 m) in the box
- ▶ Wire length can be a maximum of 200 ft (60.9 m) with field supplied 18/2AWG wire
- ▶ Operating Ambient Temperature Range: -40° F to 120° F (-40° C to 49° C)



C7089U1006/U

IT EXTENDER

- Extends CN105 connection an additional 50 feet
- ► For use with kumo station or Wireless Interface



PAC-WHS01IE-E

^{*}Ducted indoor unit fan interlock may be required. Check Install Manual for details.
**Requires Wireless Temperature and Humidity Sensor

SPECIFICATION TABLES



SPECIFICATIONS: S-SERIES



PUMY-P** <mark>1</mark>	NKMU3 and H2	®				ALL	ALL		
	Model Name		PUMY-P36NKMU3(-BS)	PUMY-P48NKMU3(-BS)	PUMY-P60NKMU3(-BS)	PUMY-HP36NKMU1	PUMY-HP48NKMU		
Power Source				'	208/230V, 1-Phase, 60Hz	'	'		
	Cooling	Btu/h	36,000	48,000	60,000	36,000	48,000		
Capacity *1	Heating	Btu/h	42,000	54,000	66,000	42,000	54,000		
	MCA	Α	2	29	36	3	36		
Electrical Supply	Maximum Overcurrent Protection (MOP)	А	4	14	45	4	14		
Recommended Fu	se Size	А	30 40						
Short-circuit Curre	ent Rating (SCCR)	kA	5						
	Type x Quantity				Propeller Fan x 2				
Fan	Airflow Rate	CFM	3,8	385	4,879	3,	885		
	Motor Output	kW	2.8	3.3	3.9	2.8	3.4		
	Туре			IN	VERTER-driven Scroll Hermeti	c			
		Cooling	29% to 100%	23% to 100%	28% to 100%	29% to 100%	23% to 100%		
Compressor	Operating Range	Heating	24% to 100%	18% to 100%	18% to 100%	17% to 100%	16% to 100%		
	Motor Output	kW	0.074 + 0.074 (two fan motors)	0.2 + 0.2 (two fan motors)	0.074 + 0.074	(two fan motors)		
Lubricant			FV50S (2.3 liters)	FVC68D (2.3 liters)	FV50S (2.3 liters)			
Refrigerant	1		R410A						
External Finish				Galvanized Sheets (plus	s Powder Coating for -BS Mod	lel) Munsell 3Y 7.8/1.1			
	Height	In.			52-11/16				
Dimensions	Width	In.			41-11/32				
	Depth	ln.			13 (+1)				
Net Weight		Pounds	271 302			2	78		
Sound Pressure Le Anechoic Room)	evels (As Measured in an	dB(A)	49/53	51/54	58/59	49/53	51/54		
	High Pressure Protection	1	High Pressure Switch						
Protection Devices	Compressor		Discharge thermo protection, Over-current protection						
Devides	Inverter Circuit		Over-heat protection, Over-current protection						
Refrigerant Pipe	Liquid (High Pressure) (Flare)	In.			3/8				
Dimensions	Gas (Low Pressure) (Flare)	ln.	5	/8	3/4	5	5/8		
	Total Capacity			50-	-130% of Outdoor Unit Capac	ity			
Indoor Unit	Quantity		P04-P36 / 1-11	P04-P54 / 1-12	P04-P72 / 1-12	P04-P36 / 1-11	P04-P54 / 1-12		
Operating	Cooling			0	utdoor: 5° to 115° F D.B. *3 *4				
Temperature Range Heating			Outdoor: -13° to +59° F W.B.						
Efficiency Ratings	s *2								
EER (Ducted/Non-	Ducted)		12.6 / 15.0	11.3 / 13.1	11.1 / 13.3	12.6 / 15.0	11.3 / 13.1		
SEER (Ducted/Nor	n-Ducted)		18.3 / 22.3	16.5 / 22.6	17.8 / 20.0	18.3 / 22.3	16.5 / 22.6		
COP (Ducted/Non-	-Ducted)		3.7 / 4.0	3.3 / 4.0	3.7 / 4.1	3.7 / 4.0	3.3 / 4.0		

Notes:

WALL-MOUNTED INDOOR UNIT

SPECIFICATIONS: PKFY

PKFY-P**N(L,H,K)MU-E2

Model Name			PKFY- P04NLMU-E	PKFY- P06NLMU-E	PKFY- P08NLMU-E	PKFY- P12NLMU-E	PKFY- P15NLMU-E	PKFY- P18NLMU-E	PKFY-P24NK- MU-E2.TH	PKFY-P30NK- MU-E2.TH
Power Source						1-phase, 2	08/230V, 60Hz			
Cooling Capacity	у	Btu/h *1	4,000	6,000	8,000	12,000	15,000	18,000	24,000	30,000
Heating Capacity	у	Btu/h *1	4,500	6,700	9,000	13,500	17,000	20,000	27,000	34,000
Power	Cooling	W	20	20	30	40	40	50	7	0
Consumption	Heating	W	10	10	20	30	30	40	7	0
	Cooling	А	0.20	0.20	0.25	0.35	0.35	0.45	0.	50
Current	Heating	Α	0.15	0.15	0.20	0.30	0.30	0.40	0.	50
External Finish	Munsell No.			Plastic, MUNSELL (0.7PB 9.2/0.4)						
	Height	In.	11/25/32	11/25/32	11/25/32	11/25/32	11/25/32	11/25/32	14	-3/8
Dimensions	Width	In.	30-7/16	30-7/16	30-7/16	30-7/16	35-3/8	35-3/8	46-	1/16
	Depth	In.	9/11/32	9/11/32	9/11/32	9/11/32	9/11/32	9/11/32	11-	-5/8
Net Weight	Unit	Pounds	23.6 (10.7)	24.5 (11.1)	24.5 (11.1)	24.5 (11.1)	28.4 (12.9)	28.4 (12.9)	2	16
Heat Exchanger						Cross fin (Aluminus	m fin and copper tub	e)		
	Type x Quar	ntity				Line fle	ow fan x 1			
Fan	Airflow Rate *2	CFM	117-124-134- 148	141-155-173- 191	141-162-191- 237	152-191-244- 297	222-261-304- 353	240-293-360- 438	570-920	710-920
	Motor Type					DC	Motor			
Air Filter						PP ho	neycomb			
Refrigerant Pipe	Liquid (High Pressure) (Flare)	In.		1/4 Flare				3/8		
Dimensions	Gas (Low Pressure) (Flare)	In.			1/2	Flare			5	/8
Drain Pipe Dime	nsion (I.D.)	In.					5/8			
Sound Pressure Levels *2		dB(A)	22-24-26-28	22-26-29-31	22-27-31-35	24-31-37-41	29-34-37-40	31-36-41-46	39-49	43-49

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application

^{*1} Rating Conditions:
Cooling | Indoor: 80° F (26.7° C) DB/67° F (19.4° C) WB; Outdoor: 95° F (35° C) DB. Heating | Indoor: 70° F (21.1° C) DB; Outdoor: 47° F (8.3° C) DB/43° F (6.1° C) WB.
*2 Efficiency values based in AHRI 210/240 test method.*3 When using Wind Baffles [WB-PA3], the minimum operating range is 5° F. Without Wind Baffles, the minimum operating range is 23° F.

^{*4} When connecting PKFY-P06NBMU/P08NHMU,PFFY-P06/08/12NEMU or PFFY-P06/08/12NRMU indoor units, the minimum operating range is 50° F.

⁻BS indicates Seacoast Protection option.

LIMITED WARRANTY | Seven-year warranty on compressor. One-year warranty on parts. See our website for details on specific additional application installation coverage. Specifications are subject to change.

^{*1} Cooling/Heating Capacity indicates the maximum value at operation under the following conditions: Cooling | Indoor: 81°F (27° C) D.B./66° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B. Heating | Indoor: 68° F (21° C) D.B.; Outdoor: 45° F (7° C) D.B./43° F (6° C) W.B.

^{*2} Airflow Rate/Sound Pressure Levels are at Lo-Mid1-Mid2-Hi, Lo-Mid-Hi, or Lo-Hi.



SPECIFICATIONS: PLFY \(\neg \)

CEILING CASSETTE INDOOR UNIT

PLFY-EP**NEMU-E(1)

Model N	ame		PLFY-EP06NEMU-E	PLFY-EP08NEMU-E	PLFY-EP12NEMU-E	PLFY-EP15NEMU-E	PLFY-EP18NEMU-E1			
Power Source	ame		PLF1-EPUONEINIU-E	111	208/230V. 1-Phase, 60H		PLF1-EPTONEIVIU-ET			
		D. # 44	0.000		,		40.000			
Cooling Capacity		Btu/h *1	6,000	8,000	12,000	15,000	18,000			
Heating Capacity		Btu/h *1	6,700	9,000	13,500	17,000	20,000			
Power Consumption	Cooling	W	20	30	30	30	40			
1 ower consumption	Heating	W	20	20	20	20	40			
Current	Cooling	Α	0.19	0.31	0.31	0.31	0.43			
Current	Heating	Α	0.14	0.26	0.26	0.26	0.38			
External Finish Color (Munsell No.)					MUNSELL (6.4Y 8.9/0.4))				
	Height	In.	10-3/16	10-3/16	10-3/16	10-3/16	11-3/4			
Dimensions	Dimensions Width In.			33-3/32						
	Depth	In.	33-3/32							
Net Weight *2	Unit/Panel	Pounds	46 / 11	46 / 11	46 / 11	46 / 11	55 / 11			
Heat Exchanger				Cross Fin (A	luminum Plate Fin and C	Copper Tube)				
	Type x Quantity		Turbo Fan x 1							
_	Airflow Rate *3	CFM	300 - 424 - 459 - 494	494 - 530 - 565 - 600	494 - 530 - 565 - 600	530 - 547 - 565 - 600	636 - 671 - 742 - 812			
Fan	Motor Type				DC Motor					
	Motor Output	W	50	50	50	50	120			
Air Filter				PP honeycoi	mb (long life filter, anti-b	acterial type)				
Deficience A Direct Discounting	Liquid (High Pressure) (Flare)	ln.	1/4							
Refrigerant Pipe Dimensions	Gas (Low Pressure) (Flare)	ln.	1/2							
Drain Pipe Dimension (O.D.)	Prain Pipe Dimension (O.D.)				1-1/4					
Sound Pressure Levels (As Measured in an Anechoic Room)*3	(Low-Mid1- Mid2-High)	dB(A)	19 - 23 - 25 - 27	27 - 29 - 30 - 31	27 - 29 - 30 - 31	28 - 29 - 30 - 31	28 - 30 - 32 - 34			

Mod	lel Name		PLFY-P24NEMU-E	PLFY-P30NEMU-E	PLFY-P36NEMU-E	PLFY-P48NEMU-E		
Power Source				208/230, 1	-phase, 60Hz			
Cooling Capacity		Btu/h *1	24,000	30,000	36,000	48,000		
Heating Capacity		Btu/h *1	34,000	40,000	54,000	20,000		
D 0 "	Cooling	W	40	50	80	100		
Power Consumption	Heating	W	40	50	80	100		
0 1	Cooling	А	0.41	0.56	0.90	0.99		
Current	Heating	А	0.36	0.51	0.85	0.94		
External Finish Color (Munsell No.)				Grille 6.	4Y 8.9/0.4			
	Height	In.		11	-3/4			
Dimensions	Width	In.		33-	-3/32			
	Depth	In.	33-3/32					
Net Weight *2	Unit/Panel	Pounds	46/11	46/11	51/11	55/11		
Heat Exchanger			Cross Fin (Aluminum Plate Fin and Copper Tube)					
	Type x Quantity		Turbo Fan x 1					
-	Airflow Rate *3	CFM	494-565-671-777	494-600-742-883	706-883-1060-1201	742-918-1060-1236		
Fan	Motor Type		DC Motor					
	Motor Output	W		50		120		
Air Filter				Polypropyler	ne Honeycomb			
D. () . () . ()	Liquid (High Pressure) (Flare)	In.	3/8					
Refrigerant Pipe Dimensions	Gas (Low Pressure) (Flare)	In.	5/8					
Drain Pipe Dimension (O.D.)		In.	1-1/4					
Sound Pressure Levels (As Measured in an Anechoic Room)*3	(Low-Mid1-Mid2-High)	dB(A)	28-31-34-37	28-32-35-38	35-38-41-44	36-39-42-45		

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Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:

Cooling | Indoor: 80° F (26.7° C) DB/67° F (19.4° C) WB; Outdoor: 95° F (35° C) DB. Heating | Indoor: 70° F (21° C) DB; Outdoor: 47° F (8° C) DB/43° F (6° C) WB.

*2 Net weight is shown for unit/grille.

*3 Airflow rate/sound pressure levels are at (Low-Mid1-Mid2-High).

Ventilation Air: Providing sufficient ventilation air is an important part of every building design ASHRAE Standard 62 provides the minimum ventilation air requirements. Also check local codes.

LIMITED WARRANTY | Seven-year warranty on compressor. One-year warranty on parts. See our website for details on specific additional application installation coverage.



SPECIFICATIONS: PLFY \(\neg \)

CEILING CASSETTE INDOOR UNIT

PLFY-P**NFMU-E

Model Name			PLFY-P05NFMU-E	PLFY-P08NFMU	PLFY-P12NFMU	PLFY-P15NFMU	PLFY-P18NFMU-E			
Power Source					208/230V, 1-phase, 60Hz					
Cooling Capacity		Btu/h *1	5,000	8,000	12,000	15,000	18,000			
Heating Capacity		Btu/h *1	5,600	9,000	13,500	17,000	20,000			
D	Cooling	W	20	20	20	30	40			
Power Consumption	Heating	w	20	20	20	30	40			
0	Cooling	Α	0.19	0.22	0.23	0.28	0.40			
Current Heating A			0.14	0.17	0.18	0.23	0.35			
External Finish (Munsell N	0.)				Grille: White (6.4Y 8.9/0.4)					
	Height	In.	8-3/16							
Dimensions	Width	In.	22-7/16							
	Depth	In.	22-7/16							
Net Weight *2	Unit/Panel	Pounds	28.9/5.3 28.9/5.3 31.3/5.3							
Heat Exchanger			Cross Fin (Aluminum Plate Fin and Copper Tube)							
	Type x Quantity		Turbo Fan x 1							
Fan	Airflow Rate *3	CFM	230-265-280	230-280-315	245-280-335	265-315-390	315-390-460			
	Motor Type		Single-phase Induction Motor							
Air Filter				F	Oolypropylene Honeycomb					
Refrigerant Pipe Dimen-	Liquid (High Pressure) (Flare)	In.			1/4					
sions	Gas (Low Pressure) (Flare)	In.			1/2					
Condensate Lift Mechanis	Condensate Lift Mechanism (Standard) In.			19-11/16						
Drain Pipe Dimension (O.D.	0.)	In.	1-1/4							
Sound Pressure Levels (As Measured in an Anechoic Room) *3	(Low-Mid-High)	dB(A)	26-28-30	26-30-33	26-30-34	28-33-39	33-39-43			

Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:
Cooling Indoor: 80° F (27° C) D.B./67°F (19° C) W.B.; Outdoor: 95°F (35° C) D.B. Heating Indoor: 70° F (21° C) D.B.; Outdoor: 47° F (6° C) D.B./43°F (6° C) W.B.

*2 Net weight is shown for unit/grille.

*3 Airflow rate/sound pressure levels are at (Low-Mid-High).

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE Standard 62 provides the minimum ventilation air requirements. Also

check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.

Specifications are subject to change. S-SERIES / 43



CEILING CASSETTE INDOOR UNIT

PMFY-P**NBMU-ER5

Model Name			PMFY-P06NBMU-ER5	PMFY-P08NBMU-ER5	PMFY-P12NBMU-ER5	PMFY-P15NBMU-ER5		
Power Source				208/230V,	1-phase, 60Hz			
Cooling Capacity		Btu/h *1	6,000	8,000	12,000	15,000		
Heating Capacity		Btu/h *1	6,700	9,000	13,500	17,000		
D 0 "	Cooling	W		50				
Power Consumption	Heating	W		50				
Current		A	0.:	20	0.21	0.26		
Current	Heating	A	0.:	20	0.21	0.26		
External Finish Color (Munsell No	o.)			Grille: 6	.4Y 8.9/0.4			
	Height	In.		9-	-1/16			
Dimensions	Width	In.		31-	-31/32			
	Depth	In.	15-9/16					
Net Weight	Unit	Pounds	31					
Heat Exchanger			Cross Fin					
	Type x Quantity		Line flow fan x 1					
Fan	Airflow Rate *2	CFM	230-254-283-307	258-283-304-328	258-283-304-328	272-307-343-378		
	Motor Type		DC Brushless Motor					
Air Filter				Polypropyle	ne Honeycomb			
	Liquid (High Pressure) (Flare)	In.			1/4			
Refrigerant Pipe Dimensions	lefrigerant Pipe Dimensions Gas (Low Pressure) In.			1/2				
Condensate Lift Mechanism (Standard) In.			23-5/8					
Drain Pipe Dimension (O.D.)		In.			1			
Sound Pressure Levels (As Measured in an Anechoic Room) *2	(Low-Mid1-Mid2- High)	dB(A)	27-30-33-35	32-34-36-37	32-34-36-37	33-35-37-39		

Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:
Cooling Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B.
Heating Indoor: 70° F (21° C) D.B.; Outdoor: 47° F (8° C) DB/43° F (6° C) W.B.

*2 Airflow rate/sound levels are at (Low-Mid1-Mid2-High).

 $\label{thm:providing} \mbox{ Ventilation Air: Providing sufficient ventilation air is an important part of every building design.}$

ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.



SPECIFICATIONS: PCFY

CEILING-SUSPENDED INDOOR UNIT

PCFY-P**NKMU-ER1

Model Name			PCFY-P15NKMU-ER1	PCFY-P24NKMU-ER1	PCFY-P30NKMU-ER1	PCFY-P36NKMU-ER1			
Power Source				208/230V, 1	Phase, 60Hz				
Cooling Capacity		Btu/h *1	15,000	24,000	30,000	36,000			
Heating Capacity		Btu/h *1	17,000	27,000	34,000	40,000			
	Cooling	w	30	40	90	110			
Power Consumption	Heating	w	30	40	90	110			
	Cooling A		0.35	0.41	0.83	0.97			
Current	Heating A		0.35	0.41	0.83	0.97			
External Finish	Munsell No.			6.4Y	8.9/0.4				
	Height	In.		9-	1/16				
Dimensions	Width	In.	37-13/16	50-3/8	50-3/8 63				
	Depth	In.		26	5-3/4				
Net Weight	Unit	Pounds	53	71	79	84			
Heat Exchanger			Cross Fin (Aluminum Plate Fin and Copper Tube)						
	Type x quantity		Sirocco Fan x 2	rocco Fan x 2 Sirocco Fan x 3 Sirocco Fan x 4					
Fan	Airflow Rate *2	CFM	353-388-424-459	494-530-565-636	703-777-883-989	742-847-953-1,095			
	Motor Type			Direct-driv	ren DC Motor				
Air Filter				Polypropyler	ne Honeycomb				
Refrigerant Pipe	Liquid (High Pressure) (Flare)	In.	1/4	3/8					
Dimensions	Gas (Low Pressure) (Flare)	In.	1/2 5/8						
Drain Pipe Dimension	ain Pipe Dimension (O.D.)				1				
Sound Pressure Levels *2	Lo-Mid1-Mid2-Hi	dB(A)	29-32-34-36	31-33-35-37	34-37-40-43	36-39-42-44			

Note:
*1 Cooling/Heating Capacity indicates the maximum value at operation under the following conditions:
Cooling | Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor 95° F (35° C) D.B.
Heating | Indoor: 70° F (21° C) D.B.; Outdoor: 45° F (7° C) D.B./43° F (6° C) W.B.

Ventilation Air: Providing sufficient ventilation air is an important part of every building design.

ASHRAE Standard 62 provides the minimum air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.

^{*2} Airflow rate/sound pressure levels are at Low-Mid1-Mid2-Hi.





CEILING-CONCEALED INDOOR UNIT

PEFY-P**NMSU-ER2

Model Name			PEFY-P06NM- SU-ER2* 1	PEFY-P08NM- SU-ER2	PEFY-P12NM- SU-ER2	PEFY-P15NMSU- ER2	PEFY-P18NMSU- ER2	PEFY-P24NM- SU-ER2		
Power Source			208/230V, 1-phase, 60Hz							
Cooling Capacity	°2	Btu/h	6,000	8,000	12,000	15,000	18,000	24,000		
Heating Capacity	*2	Btu/h	6,700	9,000	13,500	17,000	20,000	27,000		
Power	Cooling	W	50/50	60/60	70	0/70	90/90	120/120		
Consumption	Heating	W	30/30 40/40 50/50 70/70				100/100			
_	Cooling	Α	0.42/0.41	0.51/0.49	0.56/0.53	0.57/0.55	0.74/0.70	0.98/0.93		
Current	Heating	Α	0.32/0.31	0.41/0.39	0.46/0.43	0.47/0.45	0.64/0.60	0.88/0.83		
External Finish				Galvanized Steel Sheets						
	Height	In.		7-7/8						
Dimensions	Width	In.	31-1/8 39					46-7/8		
	Depth	In.	27-9/16							
Net Weight	Unit	Pounds	4	2	46	5	54	62		
Heat Exchanger					Cross Fin (Aluminum	Plate Fin and Copper T	ube)			
	Type x Quantity		Sirocco Fan x 2			Sirocco	Fan x 3	Sirocco Fan x 4		
	Airflow Rate *3	CFM	176-212-247	194-247-317	211-282-370	282-335-388	353-441-529	423-565-706		
Fan	External Static Pressure *4	In. W.G.			0.02-0	.06-0.14-0.20				
	Motor Type				DC Bri	ushless Motor				
Air Filter					Polypropylene Hon	eycomb Fabric (washab	ole)			
	Liquid (High Pressure) (Brazed)	In.			1/4			3/8		
Refrigerant Pipe Dimensions	Gas (Low Pressure) (Brazed)	In.	1/2					5/8		
Condensate Lift M (standard)	lechanism	In.	21-4/16							
Drain Pipe Dimens	sions (O.D.)	In.				1-1/4				
Sound Pressure Levels *3	Low-Mid-High	dB(A)	22-24-28	23-26-30	23-28-35	28-30-33	30-34-37	30-35-40		

Notes:
*1 Not compatible with PUHY/PURY-P-TGMU or PQHY/PQRY-P-TGMU units.

*2 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:
Cooling Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B.
Heating Indoor: 70° F (21° C) D.B.; Outdoor: 47° F (8° C) D.B./43°F (6° C) W.B.

*3 Airflow rate/sound pressure levels are at (Low-Mid-High).

*4 External static pressure is factory set to 0.06" W.G.

Ventilation Air: Providing sufficient ventilation air is an important part of every building design ASHRAE Standard 62 provides the minimum air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.



SPECIFICATIONS: PEFY **T**

CEILING-CONCEALED INDOOR UNIT

PEFY-P**NMAU-E3

Model Name			PEFY-P06NMAU-E3	PEFY-P08NMAU-E3	PEFY-P12NMAU-E3	PEFY-P15NMAU-E3	PEFY-P18NMAU-E3	PEFY-P24NMAU-E3
Power Source					208/230V, 1-	Phase, 60Hz		
Cooling Capacity		Btu/h *1	6,000	8,000	12,000	15,000	18,000	24,000
Heating Capacity		Btu/h *1	6,700	9,000	13,500	17,000	20,000	27,000
Power	Cooling	W	6	0	9	0	110	170
Consumption	Heating	W	4	10	7	0	90	150
	Cooling	Α	0.56	/0.52	0.66/0.62	0.67/0.63	0.77/0.73	1.31/1.27
Current	Heating	Α	0.45	/0.41	0.55/0.51	0.56/0.52	0.66/0.62	1.20/1.16
External Finish					Galvanized	Steel Sheet		
	Height	In.			9-	7/8		
Dimensions	Width	In.		27-9/16		35-	7/16	43-5/16
	Depth	In.			28-	7/8		
Net Weight	Unit	Pounds		49		5	58	67
Heat Exchanger				(Cross Fin (Aluminum pl	ate fin and copper tube	e)	
	Type x Quantity				Sirocco Fan x 1			Sirocco Fan x 2
	Airflow Rate *2	CFM	212-20	65-300	265-318-371	353-424-494	424-512-600	618-742-883
Fan	External Static Pressure	In. W.G.			0.14-0.20-0.	28-0.40-0.60		
	Motor Type				Direct-driven DC	Brushless Motor		
Air Filter					Polypropylen	e Honeycomb		
Refrigerant Pipe	Liquid (High Pressure) (Brazed)	In.			1/4			3/8
Dimensions	Gas (Low Pressure) (Brazed)	In.			1/2			5/8
Drain Pipe Dimens	ion (O.D.)	In.			1-1	/4"		
Sound Pressure Levels	Lo-Mid-Hi	dB(A)	26-2	28-29	28-3	0-34	26-2	8-29
Model Name			PEFY-P27NMAU	-E3 PEFY-P30NN	MAU-E3 PEFY-P3	6NMAU-E3 PEF	Y-P48NMAU-E3	PEFY-P54NMAU-E3

Model Name			PEFY-P27NMAU-E3	PEFY-P30NMAU-E3	PEFY-P36NMAU-E3	PEFY-P48NMAU-E3	PEFY-P54NMAU-E3	
Power Source					208/230V, 1-Phase, 60Hz			
Cooling Capacity		Btu/h *1	27,000	30,000	36,000	48,000	54,000	
Heating Capacity		Btu/h *1	30,000 34,000		40,000	54,000	60,000	
Power	Cooling	W	1	70	240	340	360	
Consumption	Heating	W	1	50	220	320	340	
Command	Cooling	Α	1.31	/1.27	1.50/1.46	2.08/2.04	2.24/2.2	
Current	Heating	Α	1.20	/1.16	1.39/1.35	1.97/1.93	2.13/2.09	
External Finish					Galvanized Steel Sheet			
	Height	In.			9-7/8			
Dimensions	Width	In.	43-	5/16	55-	-1/8	63	
	Depth	In.			28-7/8			
Net Weight	Unit	Pounds	6	37	8	6	93	
Heat Exchanger				Cross Fin	(Aluminum plate fin and co	pper tube)		
	Type x Quantity				Sirocco Fan x 2			
	Airflow Rate *2	CFM	618-7	42-883	812-989-1,165	989-1,201-1,412	1,042-1,254-1,48	
Fan	External Static Pressure	In. W.G.		0.14-0.20-0.28-0.40-0.60				
	Extended Static N	Notor Type		Dir	ect-driven DC Brushless Mo	otor		
Air Filter					Polypropylene Honeycomb)		
Refrigerant Pipe	Liquid (High Pressure) (Brazed)	In.	3/8					
Dimensions	Gas (Low Pressure) (Brazed)	In.		5/8				
Drain Pipe Dimens	sion (O.D.)	In.			1-1/4			
Sound Pressure Levels	Lo-Mid-Hi	dB(A)	28-3	0-34v	32-37-41	35-40-44	36-41-45	

Ventilation Air: Providing sufficient ventilation air is an important part of very building design ASHRAE Standard 62 provides the minimum air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.

S-SERIES / 47 S-SERIES / 47

^{*1} Cooling/Heating Capacity indicates the maximum value at operation under the following conditions:

Cooling | Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor 95° F (35° C) D.B. Heating | Indoor: 70° F (21° C) D.B.; Outdoor: 45° F (7° C) D.B./43° F (6° C) W.B.

^{*2} Airflow rate/sound pressure levels are at Low-Mid-Hi.



PEFY-P**NMH(S)U-E(2)

SPECIFICATIONS: PEFY

CEILING-CONCEALED INDOOR UNIT

Model Name			PEFY-P15NMHU-E2	PEFY-P18NMHU-E2	PEFY-P24NMHU-E2	PEFY-P27NMHU-E2	PEFY-P30NMHU-E2		
Power Source					208/230V, 1-phase, 60Hz				
Cooling Capacity	*1	Btu/h	15,000	18,000	24,000	27,000	30,000		
Heating Capacity	*1	Btu/h	17,000	20,000	27,000	30,000	34,000		
Power	Cooling	W	270/280	270/280	330/320	390	450		
Consumption	Heating	W	250/260	250/260	310/300	370	430		
	Cooling	Α	1.32/1.25	1.32/1.25	1.61/1.43	1.90/1.73	2.20/2.00		
Current	Heating	А	1.21/1.14	1.21/1.14	1.50/1.32	1.79/1.62	2.09/1.89		
External Finish				U	Init: Galvanized Steel Plat	te			
	Height	In.	15	15	15	15	15		
Dimensions	Width	In.	29-3/8	29-3/8	29-3/8	40-9/16	40-9/16		
	Depth	In.	35-7/16	35-7/16	35-7/16	35-7/16	35-7/16		
Net Weight	Unit	Pounds	98	98	100	124	124		
Heat Exchanger			Cross Fin (Aluminum Plate Fin and Copper Tube)						
	Type x Quantity		Sirocco Fan x 1	Sirocco Fan x 1	Sirocco Fan x 1	Sirocco Fan x 1	Sirocco Fan x 2		
	Airflow Rate *2	CFM	353-494	353-494	477-671	547-777	636-883		
Fan	Ext. Static Pressure (208/230V)	In. W.G.	0.40-1.00/0.60-1.00						
	Motor Type			Sii	ngle-phase Induction Mo	tor			
Air Filter					Optional Part				
Refrigerant Pipe	Liquid (High Pressure) (Flare)	In.	1/4	1/4	3/8	3/8	3/8		
Dimensions	Gas (Low Pressure) (Flare)	In.	1/2	1/2	5/8	5/8	5/8		
Drain Pipe Dimer	sion (O.D.)	In.	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4		
Sound Pressure I	evels (Low-High) *2	dB(A) at 230V	39-45	39-45	40-46	38-44	38-43		

Model Name			PEFY-P36NMHU-E2	PEFY-P48NMHU-E2	PEFY-P54NMHU-E2			
Power Source				208/230V, 1-phase, 60Hz				
Cooling Capacity	· *1	Btu/h	36,000	48,000	54,000			
Heating Capacity	<i>ı</i> *1	Btu/h	40,000	54,000	60,000			
Power	Cooling	W	620/610	620/610	630/620			
Consumption	Heating	W	600/590	600/590	610/600			
	Cooling	Α	3.10/2.74	3.10/2.74	3.11/2.78			
Current	Heating	Α	2.99/2.63	2.99/2.63	3.00/2.67			
External Finish				Unit: Galvanized Steel Plate				
	Height	In.	15	15	15			
Dimensions	Width	In.	47-1/16	47-1/16	47-1/16			
	Depth	In.	35-7/16	35-7/16	35-7/16			
Net Weight	Unit	Pounds	153	153	157			
Heat Exchanger			Cro	oss Fin (Aluminum Plate Fin and Copper Tu	ube)			
	Type x Qu	antity	Sirocco Fan x 2	Sirocco Fan x 2	Sirocco Fan x 2			
	Airflow Rate *2	CFM	936-1,342	936-1,342	989-1,412			
Fan	Ext. Static Pressure (208/230V)	In. W.G.	0.40-1.00/0.60-1.00					
	Motor T	уре		Single-phase Induction Motor				
Air Filter				Optional Part				
Refrigerant Pipe	Liquid (High Pressure)	In.	3/8 (Flare)	3/8 (Flare) 3/8 (Flare) 3/8 (Flare)				
Dimensions	Gas (Low Pressure)	In.	5/8 (Flare)	5/8 (Flare)	5/8 (Flare)			
Drain Pipe Dimer	nsion (O.D.)	In.	1-1/4	1-1/4	1-1/4			
Sound Levels *2 (Low-High or Lov	v-Mid-High)	dB(A) at 230V	40-46	40-46	41-47			

Notes:
*1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:
Cooling Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B. Heating Indoor: 70° F (21° C) D.B.; Outdoor: 47° F (8° C) D.B./43° F (6° C) W.B.
*2 Airflow rate/sound levels are at (Low-High or Low-Mid-High).

Ventilation Air: Providing sufficient ventilation air is an important part of every building design.

ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.



SPECIFICATIONS: PFFY-P-NEMU/NRMU

FLOOR-STANDING INDOOR UNIT

PFFY-P**N(E,R)MU-E

Model			PFFY-P06NEMU-E	PFFY-P08NEMU-E	PFFY-P12NEMU-E	PFFY-P15NEMU-E	PFFY-P18NEMU-E	PFFY-P24NEMU-E		
Power Source			208/230V, 1 Phase, 60Hz							
Cooling Capacity Btu/h *1		6,000	8,000	12,000	15,000	18,000	24,000			
Heating Capacity Btu/h *1			6,700	9,000	13,500	17,000	20,000	27,000		
Power Consumption	Cooling	W	51/61	51/61	55/67	65/78	78/93	96/114		
	Heating	W	51/61	51/61	55/67	65/78	78/93	96/114		
	Cooling	Α	0.25/0.27	0.25/0.27	0.27/0.30	0.32/0.35	0.38/0.42	0.47/0.51		
Current	Heating	Α	0.25/0.27	0.25/0.27	0.27/0.30	0.32/0.35	0.38/0.42	0.47/0.51		
External Finish (I	Munsell No.)		Acrylic Painted (5Y 8/1)							
	Height	In.	24-13/16	24-13/16	24-13/16	24-13/16	24-13/16	24-13/16		
Dimensions	Width	In.	41-11/32	41-11/32	46-3/32	46-3/32	55-17/32	55-17/32		
	Depth	In.	8-11/16	8-11/16	8-11/16	8-11/16	8-11/16	8-11/16		
Net Weight	Unit	Pounds	67	67	71	73	84	89		
Heat Exchanger	Heat Exchanger		Cross Fin (Aluminum Plate Fin and Copper Tube)							
	Type x Quantity		Sirocco Fan x 1	Sirocco Fan x 1	Sirocco Fan x 2					
_	Airflow Rate *2	CFM	194-229	194-229	247-317	300-388	353-459	353-494		
Fan	Motor Type		Single Phase Induction Motor							
	Motor Output	W	15	15	18	30	35	63		
Air Filter			Standard Filter							
Refrigerant Pipe Dimension	Liquid (High Pressure) (Flare)	In.	1/4	1/4	1/4	1/4	1/4	3/8		
	Gas (Low Pressure) (Flare)	In.	1/2	1/2	1/2	1/2	1/2	5/8		
Drain Pipe Dimension In.		In.	O.D. 1-3/32							
Sound Levels *2	(Low-High)	dB(A)	36-41	36-41	37-41	38-43	38-43	40-46		

Note:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:
Cooling | Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B.

Heating | Indoor: 70° F (21° C) D.B. ; Outdoor: 45° F (7° C) DB/43° F (6° C) W.B. *2 Airflow rate/sound levels are at (Low-High)Ventilation Air: Providing sufficient ventilation air is an important part of every building design

ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.



Model			PFFY- P06NRMU-E	PFFY- P08NRMU-E	PFFY- P12NRMU-E	PFFY-P15NRMU-E	PFFY-P18NRMU-E	PFFY-P24NRMU-		
Power Source			208/230V, 1 Phase, 60Hz							
Cooling Capacity Btu/h *1			6,000	8,000	12,000	15,000	18,000	24,000		
Heating Capaci	ty	Btu/h *1	6,700	9,000	13,500	17,000	20,000	27,000		
Power Consumption	Cooling	W	51/61	51/61	55/67	65/78	78/93	96/114		
	Heating	W	51/61	51/61	55/67	65/78	78/93	96/114		
Current	Cooling	Α	0.25/0.27	0.25/0.27	0.27/0.30	0.32/0.35	0.38/0.42	0.47/0.51		
	Heating	Α	0.25/0.27	0.25/0.27	0.27/0.30	0.32/0.35	0.38/0.42	0.47/0.51		
External Finish	(Munsell No.)		Galvanized Sheet Metal							
Dimensions	Height	In.	25-3/16	25-3/16	25-3/16	25-3/16	25-3/16	25-3/16		
	Width	In.	34-29/32	34-29/32	39-5/8	39-5/8	49-1/16	49-1/16		
	Depth	In.	8-11/16	8-11/16	8-11/16	8-11/16	8-11/16	8-11/16		
Net Weight	Unit	Pounds	51	51	58	60	69	71		
Heat Exchanger			Cross Fin (Aluminum Plate Fin and Copper Tube)							
Type x Quantity			Sirocco Fan x 1	Sirocco Fan x 1	Sirocco Fan x 2	Sirocco Fan x 2	Sirocco Fan x 2	Sirocco Fan x 2		
Fan	Airflow Rate *2	CFM	194-229	194-229	247-317	300-388	353-459	353-494		
	Motor Type		Single Phase Induction Motor							
	Motor Output	kW	0.015	0.015	0.018	0.030	0.035	0.063		
Air Filter			Standard Filter							
Refrigerant Pipe Dimension	Liquid (High Pressure) (Flare)	In.	1/4	1/4	1/4	1/4	1/4	3/8		
	Gas (Low Pressure) (Flare)	In.	1/2	1/2	1/2	1/2	1/2	5/8		
Drain Pipe Dimension In.		O.D. 1-3/32								
Sound Levels *2	(Low-High)	dB(A)	36-41	36-41	37-41	38-43	38-43	40-46		

Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:

Cooling Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B. Heating Indoor: 70° F (21° C) D.B.; Outdoor: 45° F (7° C) D.B./43° F (6° C) W.B.

*2 Airflow rate/sound levels are at (Low-High).
Ventilation Air: Providing sufficient ventilation air is an important part of every building design

ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage.



MULTI-POSITION AIR HANDLER

PVFY-P**NAMU-E1

Model Name			PVFY-P12NAMU-E1	PVFY-P18NAMU-E1	PVFY-P24NAMU-E1	PVFY-P30NAMU-E1	PVFY-P36NAMU-E1	PVFY-P48NAMU-E1	PVFY-P54NAMU-E1	
Power Source			208/230V, 1-phase, 60Hz							
Cooling Capacity Btu/h *1		12,000	18,000	24,000	30,000	36,000	48,000	54,000		
Heating Capacity	Heating Capacity Btu/h		13,500	20,000	27,000	34,000	40,000	54,000	60,000	
Dimensions	Height	In.	50-1/4			54-	-1/4	59-1/2		
	Width	In.	17			2	21	25		
	Depth	In.				21-5/8				
Net Weight Unit Pounds			113			141		172		
Heat Exchanger			Cross fin (Aluminum fin and copper tube)							
Fan	Type x Qty.		Sirocco fan x 1							
	Airflow Rate *2	CFM	280 - 340 - 400	410 – 497 – 585	515 - 625 - 735	613 - 744 - 875	767 – 931 – 1,095	980 - 1,190 - 1,400	1,040 - 1,262 - 1,485	
	External Static Pressure	In. W.G.	0.30 - 0.50 - 0.80 (selectable)							
	Motor Type		DC motor							
Filter			Polypropylene Honeycomb							
Refrigerant Pipe Dimensions	Liquid (High Pressure) (Brazed)	In.	1/4		3/8					
	Gas (Low Pressure) (Brazed)	In.	1/2		5/8					
Drain Pipe Dimensions In.					3/4 FPT					
Sound Pressure Levels (As Measured in an Anechoic Room) *2	Pressure	dB(A)	27-31-35	28-32-36	30-34-38	32-36-40	35-39-43	35-39-43	36-40-44	

Notes:

**1 Cooling/Heating capacity indicates the maximum value at operation under the following conditions:

Cooling | Indoor: 80° F (27° C) D.B./67° F (19° C) W.B.; Outdoor: 95° F (35° C) D.B. Heating | Indoor: 70° F (21° C) D.B.; Outdoor: 47°F (8° C) D.B./43°F (6° C) W.B.

*2 Airflow rate/sound pressure levels are at (Low-Med-High).

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements.

Also check local codes.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year compressor and one year parts. Extended warranty of up to 10 years is available. See our website for details on specific additional application installation coverage

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