



PUMY Series



PUMY-SP



The PUMY-SP series allows the connection of multiple indoor units to a single outdoor unit. Choose from City Multi indoor units using the standard branch pipework, M-S-P series indoor units via a multi split system branch box, or a combination of both for selection convenience.

PUMY-SP Series Lineup

Unit Dimension: (w) 1050 x (d) 330 (+25) x (h) 981 mm

PUMY-SP80V/YKMD NEW

Cooling Capacity: 9.0kW
Cooling Efficiency-EER: 4.27/AEER: 3.35
Heating Capacity: 10.0kW
Heating Efficiency-COP: 4.41/ACOP: 3.62

PUMY-SP112V/YKMD

Cooling Capacity: 12.5kW
Cooling Efficiency-EER: 4.03/AEER: 3.31
Heating Capacity: 14.0kW
Heating Efficiency-COP: 4.42/ACOP: 3.72



PUMY-SP125V/YKMD

Cooling Capacity: 14.0kW
Cooling Efficiency-EER: 3.65/AEER: 3.29
Heating Capacity: 16.0kW
Heating Efficiency-COP: 4.10/ACOP: 3.56

PUMY-SP140V/YKMD

Cooling Capacity: 15.5kW
Cooling Efficiency-EER: 3.54/AEER: 3.40
Heating Capacity: 16.5kW
Heating Efficiency-COP: 4.10/ACOP: 3.55



FEATURES



Light Weight and Compact Size

Very compact design fits into narrow outdoor unit space of apartments and offices, with a reduced height of less than one metre. Light weight design facilitates easier installation and transportation.



Outdoor Unit Fan Design

The diameter of the opening for the fan in the outdoor unit has been enlarged from 490mm to 550mm.



Demand Response Capable

Demand Response mode is activated in response to signals sent from the power distributor at times when it is necessary to reduce peak demand.



Quiet Mode*

Noise level can be reduced up to 10dB(A). This allows you to operate the unit even in the night in a residential zone.

*Capacity reduction differs by mode setting. PAC-SC36NA-E is required to activate Quiet Mode.



Diverse Indoor Lineup

The PUMY-SP is a very diverse unit, with a selection of 27 different indoor models and multiple capacities available.



External Static Pressure of 30Pa*

The installation location is flexible thanks to its 30Pa static pressure. An external static pressure of 30Pa allows the outdoor unit to be installed on balconies in high-rise buildings or spaces near louvers.

*Refer to installation manual for more details.

FEATURES

- » Heating & Cooling
- » Inverter Technology
- » Increased Fan Opening
- » Inflexed Fan
- » Light Weight
- » Compact 980mm Height
- » Design Flexibility
- » Flexible Connection
- » Energy Efficient
- » Demand Response Capable
- » Quiet Mode*
- » Guaranteed Operating Range
Cooling at -5°C ~ 52°C
Heating at -20°C ~ 15°C



Wi-Fi Connectable
Optional upgrade adapter required per indoor unit.

PUMY-P



PUMY-P series condensing units allow the selection of a suitable model indoor unit for the living environment, while maintaining extended pipe runs to allow convenient location for the condensing unit.

PUMY-P Series Lineup

Unit Dimension: (w) 1050 x (d) 330 (+25) x (h) 1338 mm

PUMY-P112V/YKMD

Cooling Capacity: 12.5kW
Cooling Efficiency-EER: 4.48/AEER: 4.13(V) 4.07(Y)
Heating Capacity: 14.0kW
Heating Efficiency-COP: 4.47/ACOP: 4.20(V) 4.14(Y)

PUMY-P140V/YKMD

Cooling Capacity: 15.5kW
Cooling Efficiency-EER: 3.43/AEER: 3.22(V) 3.19(Y)
Heating Capacity: 18.0kW
Heating Efficiency-COP: 4.03/ACOP: 3.81(V) 3.78(Y)

PUMY-P125V/YKMD

Cooling Capacity: 14.0kW
Cooling Efficiency-EER: 4.05/AEER: 3.76(V) 3.71(Y)
Heating Capacity: 16.0kW
Heating Efficiency-COP: 4.28/ACOP: 4.03 (V) 3.99 (Y)

PUMY-P200YKMD **NEW**

Cooling Capacity: 22.4kW
Cooling Efficiency-EER: 3.60/AEER: 3.17
Heating Capacity: 25.0kW
Heating Efficiency-COP: 4.17/ACOP: 3.78



FEATURES



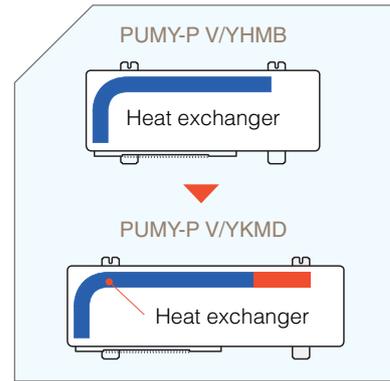
Extended Pipe Runs

The twin fan PUMY-P Series has an extended maximum pipe run of 300m* for convenience of unit location, compared to PUMY-SP Series.
*150m for PUMY-P200YKMD.



Demand Response Capable

Demand Response mode is activated in response to signals sent from the power distributor at times when it is necessary to reduce peak demand.



Highly Efficient Heat Exchanger

A high density and increase in surface area have improved the heat-exchange efficiency. The pipe diameter has changed from 9.52 to 7.94mm, resulting a high density heat exchanger.



Outdoor Unit Fan Design

The diameter of the opening for the fan in the outdoor unit has been enlarged from 490mm to 550mm.



Inverter Control

An Inverter driven system that is operating at partial load has energy efficiency significantly higher than that of a standard fixed-speed compressor.



Adaptable and Stylish

Up to 9/10/12 indoor units can be connected and operated simultaneously, with a selection of different types of indoor units. You can design an air conditioning system to suit many individual applications.

FEATURES

- » Heating & Cooling
- » Inverter Technology
- » Increased Fan Opening
- » Inflexed Fan
- » Design Flexibility
- » Flexible Connection
- » Energy Efficient
- » Demand Response Capable
- » Quiet Mode*
- » Guaranteed Operating Range
Cooling at -5°C ~ 52°C
Heating at -20°C ~ 15°C



Wi-Fi Connectable
Optional upgrade adapter required per indoor unit.

COMPATIBLE INDOOR UNIT RANGE*

TYPE		MODEL NAME	MODEL
Ceiling Cassette	4-way Airflow	PLFY-P-VEM-E	
		PLFY-P-VFM-E	
	1-way Airflow	PLFY-P-VLMD-E	
		PMFY-P-VBM-E	
Ceiling Concealed		PEFY-P-VMR-L	
		PEFY-P-VMS1(L)-E	
		PEFY-P-VMHS-E	
		PEFY-P-VMA-E	
		PEFY-P-VMX	
	Fresh Air Intake	PEFY-P-VMH-E-F	
Ceiling Suspended		PCFY-P-VKM-E	
Wall Mounted		PKFY-P-VLM-E	
		PKFY-P-VKM-E	
Floor Standing / Floor Mounted Concealed		PFFY-P-VKM-E2	
		PFFY-P-VLEM-E	
		PFFY-P-VLRM-E PFFY-P-VLRMM-E	

*Connectible indoor unit varies depending on capacity.

TYPE	SERIES	MODEL NAME	MODEL
Wall Mounted	LN Series	MSZ-LN	
	EF Series	MSZ-EF	
	G Series	MSZ-GE	
	AP Series	MSZ-AP	
Floor Standing		MFZ-KJ	
4-way Cassette		PLA-M	
		SLZ-KF	
1-way Cassette		MLZ-KP	
Ceiling Concealed		SEZ-KD	
		PEAD-M	
Ceiling Suspended		PCA-M	

MIXED SYSTEM

QTY	Model	80		112		125		140		200	
Branch Box 1 Unit	City Multi	5	4	2	5	4	5	5	5	5	
	Branch Box	2	3	4	4	5	5	5	5	5	
Branch Box 2 Units	City Multi	3	2	-	3	2	3	2	3	2	3
	Branch Box	3	4	-	5	6	6	7	7	8	8

Branch Box Features



PAC-MK33BC



PAC-MK53BC

Flexible Installation Indoor

The branch box can be installed in the ceiling, thus improving appearance. Maintenance is also easier through access to the circuit board and other inner parts by simply removing the controller cover, compared to the previous model.

Flexible Installation Outdoor*1

The branch box can be installed outdoors by using the optional cover*2 for outdoor installation. Eliminating the need for a special maintenance hole in the ceiling.

*1 Not suitable in corrosive environments or near coastal areas.

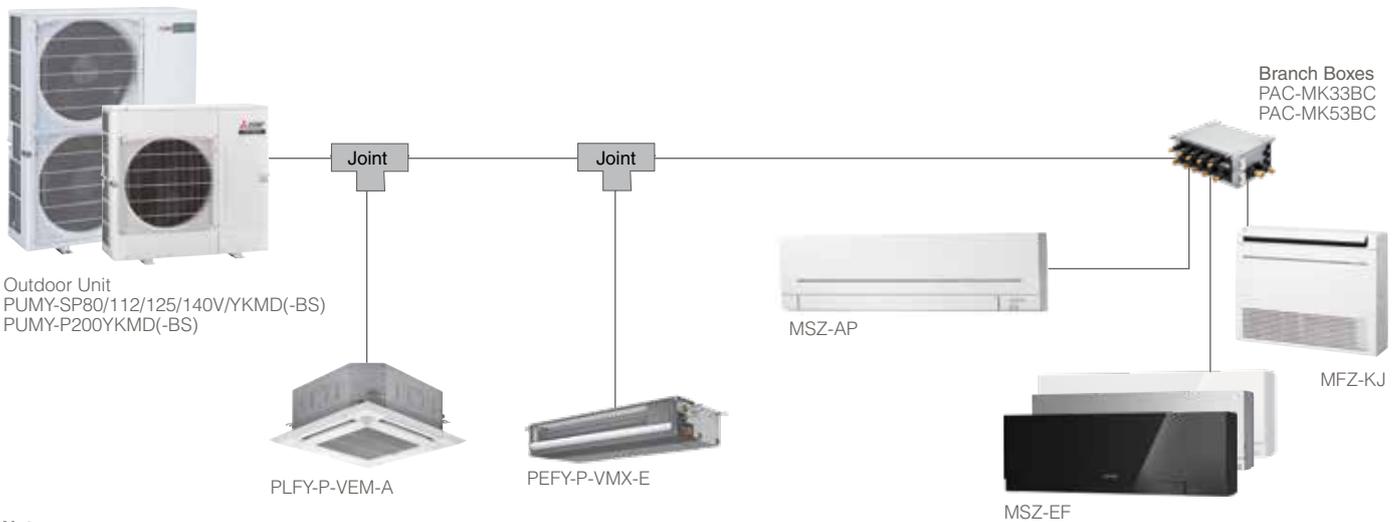
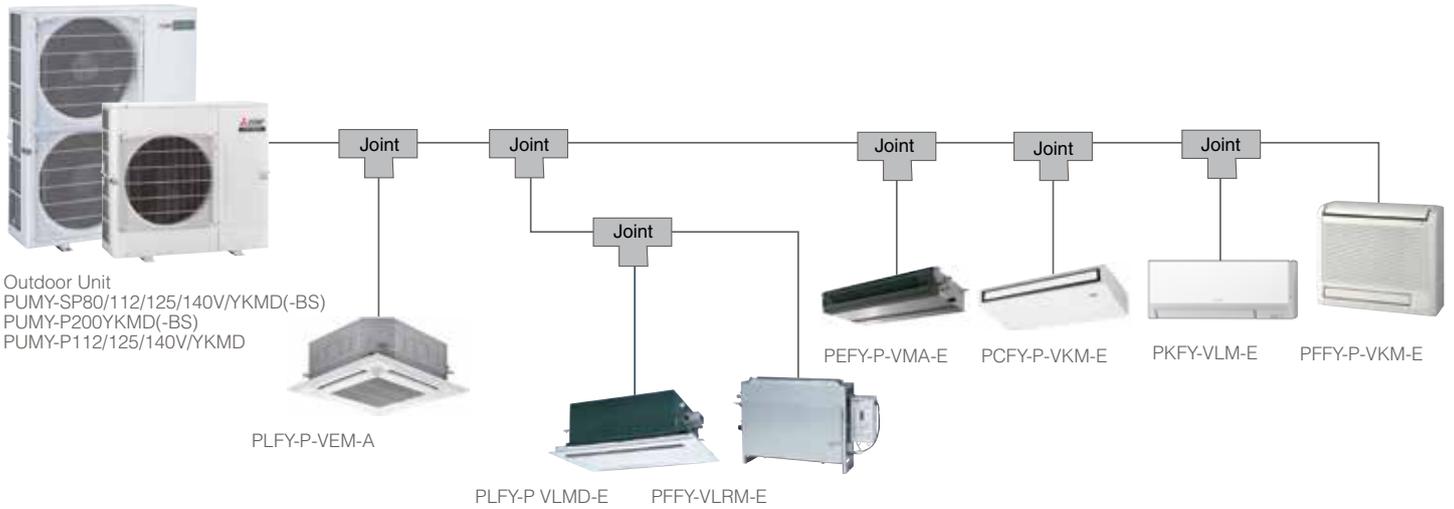
*2 PAC-AK350CVR-E

Notes:

PUMY-P112/125/140 V/YKMD are not compatible with Branch Box, therefore M/S/P Series indoor units are not connectable.

PUMY SUMMARY

Installation with both City Multi indoor units via T-Piece and Multi-Split indoor units via branchbox.



Notes:

PUMY-P112/125/140 V/YKMD are not compatible with Branch Box, therefore M/S/P Series indoor units are not connectable.

*Connectible indoor unit varies depending on capacity.

Controls

HANDHELD CONTROLLERS & WALL MOUNTED CONTROLS

Making the most out of your air conditioner all starts with the controls, these help you to create the comfort levels that suit your needs. The availability of wired wall mounted controller PAR-40MAA, Zone Controller, Touch Screen and Wi-Fi Control not only provide you with a wide variety of choice, but also increases flexibility in the way you use your unit.



PAR-40MAA 7 Day Controller

Perfect for anyone with a busy lifestyle the 7 day controller can program up to 8 settings for each day of the week. Easy to set desired temperatures and regulate energy usage without compromising comfort.

Optional upgrade adapter required per M Series indoor unit.



PAR-CT01MAA Touch Screen Controller

The full colour touch controller PAR-CT01MAA enables the control of both residential and commercial air conditioning applications. It has a customisable 3.5 inch colour LCD touch panel that makes it easy to use.

Available in white or premium black finishes, suitable for any decor. Operation panels are easier to see and simple to use with big visible-sized icons. Logo images can also be displayed on the initial screen for a more customised and user-friendly experience.

Optional upgrade adapter required per M Series indoor unit.



AE-200E Centralised Controller

The AE-200 is a state of the art 10.4" LCD colour touch screen controller to provide you the ultimate system management tool. The AE-200E's large, back-lit display makes programming a breeze, giving you control of temperature, fan speed and airflow options at the touch of the screen. The AE-200E allows complete control from one location.



AT-50B Advanced Touch Controller

The Advanced Touch Controller AT-50B enables the control of 50 units. It has a 5-inch colour LCD touch panel with a back-light that makes it easy to see and control units. AT-50B also has functions such as weekly schedule and night setback that allows for maximum comfort and increased energy savings.



Wireless Remote Controller*

With an easy to read display and a variety of operating modes at the touch of a button, this controller features a weekly and 24 hour timer, On/Off timer to set operating times on a daily basis. The 'i Save' mode recalls the preset temperature. This remote is standard for the AP Series, EF Series and LN Series.

*Wireless controller model depends on indoor unit selected.

Control Your Comfort Anywhere, Anytime*¹

Wi-Fi
CONTROL^{*1}

WI-FI CONTROL

Wi-Fi Control unlocks the door to smarter heating or cooling, for home comfort from wherever you are.*¹

This innovative technology connects your domestic high wall, floor mounted and ducted air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.*¹

*¹ Optional upgrade adapter required per unit. Requires an Internet connection and the App downloaded from the App Store or GooglePlay Store on your smartphone or tablet with the latest Operating System available.

*² To use Amazon Alexa to control your air conditioner, you will need an Amazon Echo device.

*³ To use Google Assistant to control your air conditioner, you will need a Google Home smart speaker.

WI-FI FEATURES

- » View & control from anywhere in the world
- » Enhance energy savings
- » Set up 7 day weekly schedule
- » Wireless connection using WPS



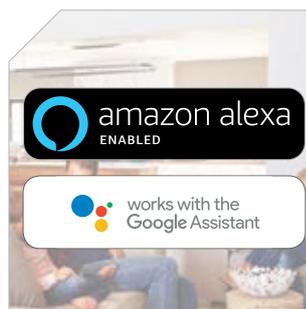
Superior Remote Customisation

This innovative technology places multiple functions of your air conditioner at your fingertips. Turning the unit On/Off, adjusting set temperature, changing mode, fan speed and airflow direction are all possible.



Develop Operating Rules

Tailor your system to meet your needs. Unlock the full potential of your air conditioner, program your system to automatically turn On/Off at specific times, change settings, and develop temperature rules to help improve comfort day after day.



Wi-Fi Voice Control with Amazon Alexa and Google Assistant

Mitsubishi Electric air conditioning systems connected with Wi-Fi Control*¹ are now also Amazon Alexa*² and Google Assistant*³ enabled! This means you can enjoy hands-free control.

SPECIFICATIONS

SERIES		PUMY-SP (Single Fan)													
Model		PUMY-SP80VKMD-A	PUMY-SP80YKMD-A	PUMY-SP112VKMD-A	PUMY-SP112YKMD-A	PUMY-SP125VKMD-A	PUMY-SP125YKMD-A								
Power Source		VKMD: 1-phase 220-230-240 V, 50 Hz; 1-phase 220 V, 60 Hz YKMD: 3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz													
Cooling Capacity (Nominal)*1		kW		9.0		12.5		14.0							
	Power Input	kW		2.11		3.10		3.84							
	Current Input	A		9.79 - 9.36 - 8.97		3.37 - 3.21 - 3.09		14.38 - 13.75 - 13.18		4.96 - 4.71 - 4.54		17.81 - 17.04 - 16.33		6.14 - 5.83 - 5.62	
	EER	kW		4.27		4.03		3.65							
	AEER	kW		3.35		3.31		3.29 *3							
Temperature Range of Cooling	Indoor	W.B		15.0 ~ 24.0 °C											
	Outdoor	D.B		-5.0 ~ 52.0 °C *3 *4 *5											
Heating Capacity (Nominal)*2		kW		10.0		14.0		16.0							
	Power Input	kW		2.27		3.17		3.90							
	Current Input	A		10.53 - 10.07 - 9.65		3.63 - 3.45 - 3.32		14.70 - 14.06 - 13.48		5.07 - 4.82 - 4.64		18.09 - 17.30 - 16.58		6.24 - 5.93 - 5.71	
	COP	kW		4.41		4.42		4.10							
	ACOP	kW		3.62		3.72		3.56							
Temperature Range of Heating	Indoor	W.B		15 ~ 27 °C											
	Outdoor	D.B		-20 ~ 15 °C											
Indoor Unit Connectable	Total Capacity		50% to 130% of Outdoor Unit Capacity												
	Model/Quantity		P10-P100/9		P15-P140/9		P15-P140/10								
Sound Pressure Level (measured in anechoic room)		dB		51/54		52/54		53/56							
Refrigerant Piping Diameter	Liquid Pipe	mm (in.)		9.52 (3/8) Flare											
	Gas Pipe	mm (in.)		15.88 (5/8) Flare											
Fan	Type x Quantity		Propeller Fan x 1												
	Airflow Rate	m³/min		75		77		83							
		L/s		1250		1283		1383							
		cfm		2649		2719		2931							
	Control, Driving Mechanism		DC Control												
Motor Output		kW		0.20 x 1											
Compressor	Type x Quantity		Twin Rotary Hermetic Compressor x 1												
	Manufacturer		Mitsubishi Electric Corporation												
	Starting Method		Inverter												
	Motor Output		kW		2.1		3.1		3.5						
	Lubricant		FV50S (1.4 litre)												
External Finish		Galvanised Steel Sheet Munsell No. 3Y 7.8/1.1													
External Dimension (H x W x D)		mm		981 x 1,050 x 330 (+25)											
Protection Devices	High Pressure Protection		High Pressure Switch												
	Inverter Circuit (COMP/FAN)		Overcurrent Detection, Overheat detection (Heat Sink Thermistor)												
	Compressor		Compressor Thermistor, Overcurrent Detection												
	Fan Motor		Overheating, Voltage Protection												
Refrigerant	Type x Original Charge		R410A x 3.5 kg												
	Control		Electronic Expansion Valve												
Net Weight		kg		93 *5 *6		94 *7		93 *6		94 *7					
Heat Exchanger		Cross Fin and Copper Tube													
HIC Circuit (HIC: Heat Inter-Changer)		HIC Circuit													
Defrosting Method		Reversed Refrigerant Circuit													
Drawing	External		RK01J091												
	Wiring		BH79N194		BH79N195		BH79N194		BH79N195		BH79N194		BH79N195		
Standard Attachment	Document		Installation Manual												
	Accessory		Grounded Lead Wire												
Optional Parts		Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E													

Remarks:

*1, *2Nominal conditions.

	Indoor	Outdoor	Pipe Length	Level Difference	External Static Pressure (Outdoor Unit)
Cooling	27°C DB/19°C WB	35°C DB	7.5m	0m	0Pa
Heating	20°C DB	7°C DB/6°C WB			

*3 MEPS Part load.

*4 10 to 52.; when connecting following models: PKFY-P15/20/25VBM,PKFY-P10/15/20/25/32VLM, PFFY-P20/25/32VLE(R)M, PFFY-P20/25/32VKM, and M series, S series, and P series type indoor unit with branch box, M series type indoor unit with connection kit.

*5 -15 to 52.; when using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the indoor unit listed in *4.

*6 94 (207), for PUMY-SP80/112/125/140VKMD.TH-A-BS.*6 93, for PUMY-SP112/125/140VKMD.TH-A-BS.

*7 95 (209), for PUMY-SP112/125/140YKMD.TH-A-BS.

*8 When connecting 7 indoor units via branch box, connectable citymulti indoor units are 3; connecting 8 indoor units via branch box, connectable citymulti indoor units are 2.

Notes:

- Nominal conditions *1, *2 are subject to ISO 15042.
- Due to continuing improvement, above specifications may be subject to change without notice.

SPECIFICATIONS

SERIES			PUMY-SP (Single Fan)		PUMY-P (Twin Fan)
Model			PUMY-SP140VKMD-A	PUMY-SP140YKMD-A	PUMY-P200YKMD-A
Power Source			VKMD: 1-phase 220-230-240 V, 50 Hz; 1-phase 220 V, 60 Hz YKMD: 3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz		
Cooling Capacity (Nominal)*1		kW	15.5		22.4
	Power Input	kW	4.38		6.22
	Current Input	A	20.32 - 19.43 - 18.62	7.00 - 6.65 - 6.41	10.16 - 9.65 - 9.30
	EER	kW	3.54		3.60
	AEER	kW	3.40 *3		3.17
Temperature Range of Cooling	Indoor	W.B	15.0 ~ 24.0 °C		
	Outdoor	D.B	-5.0 ~ 52.0°C *4 *5		
Heating Capacity (Nominal)*2		kW	16.5	16.5	25.0
	Power Input	kW	4.02		6.00
	Current Input	A	18.65 - 17.83 - 17.09	6.24 - 5.93 - 5.71	9.80 - 9.31 - 8.98
	COP	kW	4.10		4.17
	ACOP	kW	3.55		3.78
Temperature Range of Heating	Indoor	W.B	15 ~ 27 °C		
	Outdoor	D.B	-20 ~ 15 °C		
Indoor Unit Connectable	Total Capacity	50% to 130% of Outdoor Unit Capacity			
	Model/Quantity	P15-P140/12		P15-P200/12	
Sound Pressure Level (measured in anechoic room)		dB	54/56		57/61
Refrigerant Piping Diameter	Liquid Pipe	mm (in.)	9.52 (3/8) Flare *8		
	Gas Pipe	mm (in.)	15.88 (5/8) Flare		19.05 (3/4) Flare
Fan	Type x Quantity		Propeller Fan x 1		Propeller Fan x 2
	Airflow Rate	m³/min	83	120	134
		L/s	1,383	2,000	2,233
		cfm	2,931	4,237	4,732
	Control, Driving Mechanism		DC Control		
Motor Output		0.20 x 1		0.20 + 0.20	
Compressor	Type x Quantity		Twin Rotary Hermetic Compressor x 1		Scroll Hermetic Compressor x 1
	Manufacturer		Mitsubishi Electric Corporation		
	Starting Method		Inverter		
	Motor Output		3.7	5.3	
External Finish			Galvanised Steel Sheet Munsell No. 3Y 7.8/1.1		
External Dimension (H x W x D)		mm	981 x 1,050 x 330 (+25)		1,338 x 1,050 x 330 (+25)
Protection Devices	High Pressure Protection		High Pressure Switch		
	Inverter Circuit (COMP./FAN)		Overcurrent Detection, Overheat Detection (Heat Sink Thermistor)		
	Compressor		Compressor Thermistor, Overcurrent Detection		
	Fan Motor		Overheating, Voltage Protection		
Refrigerant	Type x Original Charge		R410A x 4.8kg		R410A x 7.3kg
	Control		Electronic Expansion Valve		Linear Expansion Valve
Net Weight		kg	93 *6	94 *7	138 *9
Heat Exchanger			Cross Fin and Copper Tube		
HIC Circuit (HIC: Heat Inter-Changer)			HIC Circuit		
Defrosting Method			Reversed Refrigerant Circuit		
Drawing	External		RK01J091		RK01J635
	Wiring		BH79N194	BH79N195	VG79J111
Standard Attachment	Document		Installation Manual		
	Accessory		Ground Lead Wire		Ground Lead Wire x 1
Optional Parts			Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E		

Remarks:

*1, *2 Nominal conditions.

	Indoor	Outdoor	Pipe Length	Level Difference	External Static Pressure (Outdoor Unit)
Cooling	27°C DB/19°C WB	35°C DB	7.5m	0m	0Pa
Heating	20°C DB	7°C DB/6°C WB			

*3 MEPS Part load.

*4 10 to 52.; when connecting following models: PKFY-P15/20/25VBM,PKFY-P10/15/20/25/32VLM, PFFY-P20/25/32VLE(R)M, PFFY-P20/25/32VKM, and M series, S series, and P series type indoor unit with branch box, M series type indoor unit with connection kit.

*5 -15 to 52.; when using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the indoor unit listed in *4.

*6 94 (207), for PUMY-SP80/112/125/140VKMD.TH-A-BS.*6 93, for PUMY-SP112/125/140VKMD.TH-A-BS.

*7 95 (209), for PUMY-SP112/125/140YKMD.TH-A-BS.

*8 Liquid pipe diameter: 12.7mm, when further piping length is longer than 60m, or the farthest length of the main pipe between the outdoor unit and the branch box is longer than 20m in the branch box system.

*9 139(306), for PUMY-P200YKMD-A-BS.

Notes:

1. Nominal conditions *1, *2 are subject to ISO 15042.

2. Due to continuing improvement, above specifications may be subject to change without notice.

SPECIFICATIONS

SERIES			PUMY-P (Twin Fan)					
Model			PUMY-P112VKMD-A	PUMY-P112YKMD-A	PUMY-P125VKMD-A	PUMY-P125YKMD-A	PUMY-P140VKMD-A	PUMY-P140YKMD-A
Power Source			VKMD: 1-phase 220-230-240 V, 50 Hz; 1-phase 220 V, 60 Hz YKMD: 3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz					
Cooling Capacity (Nominal)*1		kW	12.5		14.0		15.5	
	Power Input	kW	2.79		3.46		4.52	
	Current Input	A	12.32	4.24	15.27	5.26	19.95	6.87
	EER	kW	4.48		4.05		3.43	
	AEER	kW	4.13	4.07	3.76	3.71	3.22	3.19
Temperature Range of Cooling	Indoor	W.B	15.0 ~ 24.0 °C					
	Outdoor	D.B	-5.0 ~ 46.0°C	-5.0 ~ 52.0 °C *4	-5.0 ~ 46.0°C	-5.0 ~ 52.0 °C *4	-5.0 ~ 46.0°C	-5.0 ~ 52.0 °C *4
Heating Capacity (Nominal)*2		kW	14.0		16.0		18.0	
	Power Input	kW	3.13		3.74		4.47	
	Current Input	A	13.82	4.76	16.51	5.68	19.73	6.79
	COP	kW	4.47		4.28		4.03	
	ACOP	kW	4.20	4.14	4.03	3.99	3.81	3.78
Temperature Range of Heating	Indoor	W.B	15 ~ 27 °C					
	Outdoor	D.B	-20 ~ 15 °C					
Indoor Unit Connectable	Total Capacity		50% to 130% of Outdoor Unit Capacity					
	Model/Quantity		15 - 125/9		15 - 140/10		15 - 140/12	
Sound Pressure Level (measured in anechoic room)		dB	49/51		50/52		51/54	
Refrigerant Piping Diameter	Liquid Pipe	mm (in.)	9.52 (3/8) Flare *3					
	Gas Pipe	mm (in.)	15.88 (5/8) Flare					
Fan	Type x Quantity		Propeller Fan x 2					
	Airflow Rate	m³/min	110		120		120	
		L/s	1,833		2,000		2,000	
		cfm	3,884		4,237		4,237	
	Control, Driving Mechanism		DC Control					
Motor Output	kW	0.06 + 0.06						
Compressor	Type x Quantity		Scroll Hermetic Compressor x 1					
	Manufacturer		Mitsubishi Electric Corporation					
	Starting Method		Inverter					
	Motor Output	kW	3.0		3.5		4.0	
	Lubricant		FV50S (2.3 litre)					
External Finish		Galvanised Steel Sheet Munsell No. 3Y 7.8/1.1						
External Dimension (H x W x D)		mm	1,338 x 1,050 x 330 (+25)					
Protection Devices	High Pressure Protection		High Pressure Switch					
	Inverter Circuit (COMP/FAN)		Overcurrent Detection, Overheat Detection (Heat Sink Thermistor)					
	Compressor		Compressor Thermistor, Overcurrent Detection					
	Fan Motor		Overheating, Voltage Protection					
Refrigerant	Type x Original Charge		R410A x 4.8kg					
	Control		Electronic Expansion Valve					
Net Weight		kg	123	125	123	125	123	125
Heat Exchanger			Cross Fin and Copper Tube					
HIC Circuit (HIC: Heat Inter-Changer)			HIC Circuit					
Defrosting Method			Reversed Refrigerant Circuit					
Drawing	External		BK01N346	BK01N339	BK01N346	BK01N339	BK01N346	BK01N339
	Wiring		BH78B813	BH78B814	BH78B813	BH78B814	BH78B813	BH78B814
Standard Attachment	Document		Installation Manual					
	Accessory		Grounded Lead Wire					
Optional Parts			Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E					

Remarks:

*1, *2 Nominal conditions.

	Indoor	Outdoor	Pipe Length	Level Difference	External Static Pressure (Outdoor Unit)
Cooling	27°C DB/19°C WB	35°C DB	7.5m	0m	0Pa
Heating	20°C DB	7°C DB/6°C WB			

*3 Liquid pipe diameter: 12.7mm, when further piping length is longer than 60m, or the farthest length of the main pipe between the outdoor unit and the branch box is longer than 20m in the branch box system.

*4 10 to 52°C, when connecting following models: PKFY-P15/20/25VBM, PFFY-P20/25/32VLE(R)M, PFFY-P20/25/32VKM type indoor unit; and M-Series, S-Series and P-Series type indoor unit.

Notes:

1. Due to continuing improvement, above specifications may be subject to change without notice.

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