Y and R2 Replace Multi outdoor units

Replace Multi Series: 3-R of the new system dedicated to the replacement of plant VRF R22

The Mitsubishi Electric solution for the replacement market of VRF R22 systems is characterized by the 3-R: **Re**-use, **Re**-placement and **Re**-newal. The innovative **Replace Multi** solution of Mitsubishi Electric makes it possible to reuse components and structural elements of existing plant rather than completely replace all units and refrigerant lines. This raises the owner from discomforts of the complete replacement of the air conditioning system (for example, new pipes, the destruction walls and stopping of the activities and business during the renovations).

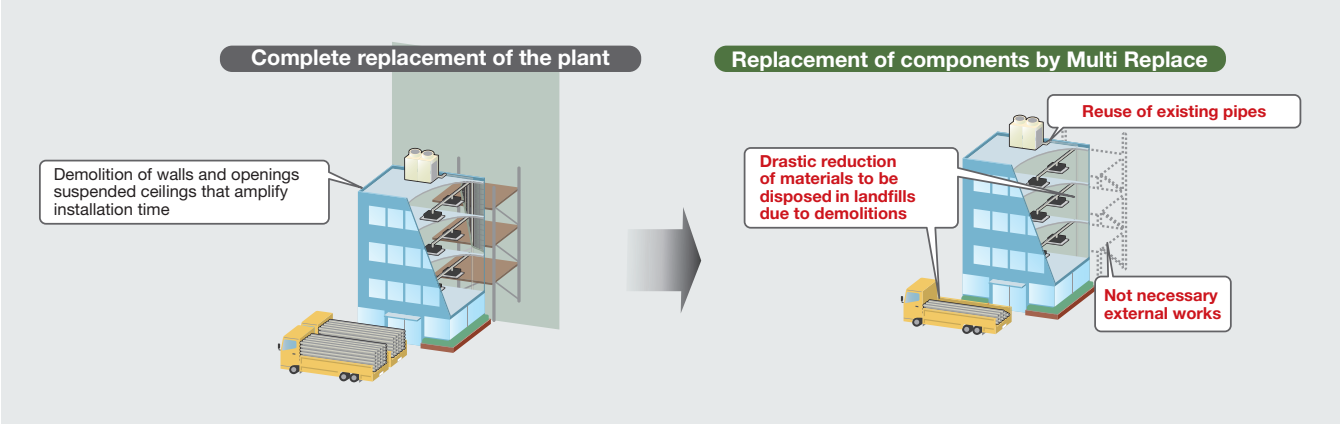
Short and quick construction process and time

Compared to the installation process and time to install a complete new system, Replace Multi offers shorter and quicker installation.
The key cause of this is because with Replace Multi, without any use of special kit, existing piping can be reused and works at rooftop or walls for new piping are not required. This results in reduced installation time and system downtime which is an attractive factor to minimize the effect on business working hours.

✓···Reusable ×···Not reusable

	Refrigerant pipes	Power circuits	Switches	Trasmission lines	Remote controls trasmission circuit	Outdoor unit	Indoor unit
Reuse	✓	✓	✓	✓	✓	×	×*

NOTE: The actual reusability of components depends upon the condition of the plant and the existing infrastructure.
* The actual reusability of indoor units depends on the model. For further clarification please contact the sales office nearest you.



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Renewal for top performance

The installation of a Replace Multi system allows to achieve the state of the art of VRF technology from Mitsubishi Electric which it reached levels of energy efficiency (COP) more than 40% compared to a R22 VRF system of 10 years ago. The greater energy efficiency also means lower noise levels and reduced installation space compared to a VRF R22.

Series

Y Replace Multi single

PUHY-RP YJM-B OUTDOOR UNIT

TECHNICAL SPECIFICATIONS


MODEL				PUHY-RP200YJM-B(-BS)	PUHY-RP250YJM-B(-BS)
HP				8	10
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz	
Cooling	Nominal capacity*1		kW	22.4	28.0
	Power absorption		kW	5.68	7.62
	EER			3.94	3.67
	Operating temperature range	Indoor WB	°C	15.0~24.0	15.0~24.0
		Outdoor DB	°C	-5.0~43.0	-5.0~43.0
Heating	Nominal capacity*2		kW	25.0	31.5
	Power absorption		kW	5.69	7.22
	COP			4.39	4.36
	Operating temperature range	Indoor DB	°C	15.0~27.0	15.0~27.0
		Outdoor WB	°C	-20.0~15.5	-20.0~15.5
Sound pressure*3			dB(A)	56	57
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.	
	Model/Quantity			P15~P250 / 1~17	P15~P250 / 1~21
External diameter of refrigerant connectors	Liquid		mm	12.7	12.7
	Gas		mm	28.58	28.58
	Fan air flow rate		m^3/min	185	185
	External dimensions (HxLxW)		mm	1710x920x760*	1710x920x760*
	Net weight		kg	230	255
	R410A refrigerant charge quantity		kg	6.5	9.0

TECHNICAL SPECIFICATIONS


MODEL				PUHY-RP300YJM-B(-BS)	PUHY-RP350YJM-B(-BS)
HP				12	14
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz	
Cooling	Nominal capacity*1		kW	33.5	40.0
	Power absorption		kW	8.98	11.79
	EER			3.73	3.39
	Operating temperature range	Indoor WB	°C	15.0~24.0	15.0~24.0
		Outdoor DB	°C	-5.0~43.0	-5.0~43.0
Heating	Nominal capacity*2		kW	37.5	45.0
	Power absorption		kW	9.42	12.60
	COP			3.98	3.57
	Operating temperature range	Indoor DB	°C	15.0~27.0	15.0~27.0
		Outdoor WB	°C	-20.0~15.5	-20.0~15.5
Sound pressure*3			dB(A)	59	60
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.	
	Model/Quantity			P15~P250 / 1~26	P15~P250 / 1~30
External diameter of refrigerant connectors	Liquid		mm	12.7	15.88
	Gas		mm	28.58	34.93
	Fan air flow rate		m^3/min	185	185
	External dimensions (HxLxW)		mm	1710x920x760*	1710x920x760*
	Net weight		kg	255	255
	R410A refrigerant charge quantity		kg	9.0	9.0

* Without removable support feet, A=1650 mm.
*1 Nominal cooling conditions: Indoor 27°C DB / 19°C WB. Outdoor 35°C DB. Piping length 7.5 m, vertical difference 0 m.
*2 Nominal heating conditions: Indoor 20°C DB. Outdoor 7°C DB / 6°C WB. Piping length 7.5 m, vertical difference 0 m.
*3 Values measured in anechoic chamber.