



# Multi model applications

## MXU & MXS

### Installation flexibility

A very wide range is available, from 2-port to 5-port condensing units, making all applications possible. Up to **5 indoor units** can be connected to 1 Multi outdoor unit. All indoor units can be individually controlled with remote control and do not need to be installed in the same room or even at the same time. The outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall.

### Wide choice of indoor units:

#### MXU

It is possible to combine wall mounted indoor units.

#### MXS

It is possible to combine different types of indoor units:

- wall mounted
- ceiling suspended
- concealed ceiling
- floor standing
- flexi type
- 4-way cassette 600x600
- round flow cassette

Outdoor Multi split units are fitted with the Daikin swing compressor, renowned for its low noise and high energy efficiency.

Re-use of existing R22 and R407C piping possible (see R22 Replacement leaflet).



## RXYSQ

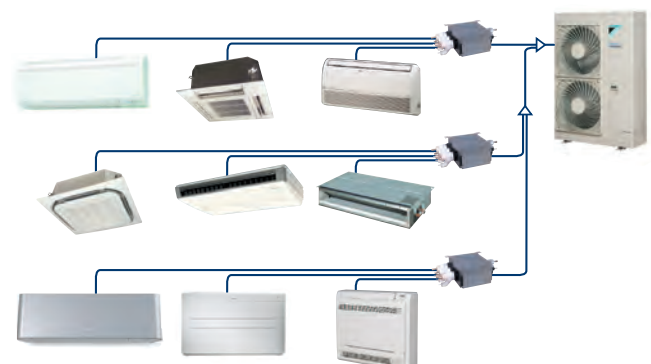
### Installation flexibility

Up to **9 indoor units** can be connected to 1 Multi outdoor unit. All indoor units can be individually controlled with remote control and do not need to be installed in the same room or even at the same time. Narrow refrigerant piping makes handling and connecting easier, resulting in significantly reduced installation time. The BP unit varies the refrigerant volume to meet the cooling or heating requirements of a room. The improved BP unit is easier to disassemble, making repairing and recycling more simple. The REFNET joint both reduces the amount of work involved in installation and increases the reliability of the system. A maximum total piping length of 145m offers much more flexibility in the choice of installation position for the indoor units and greatly simplifies system planning.

### Wide choice of indoor units:

It is possible to combine different types of indoor units:

- wall mounted
- flexi type
- floor standing
- concealed ceiling
- round flow cassette
- 4-way cassette 600x600
- ceiling suspended



# Ururu Multi

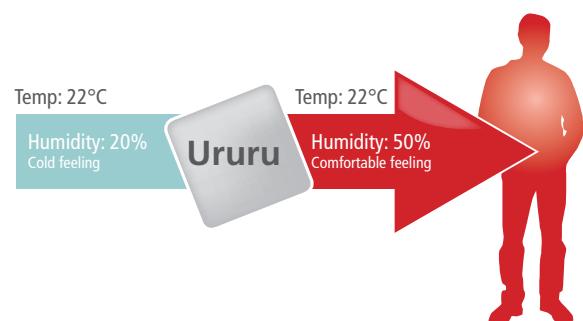
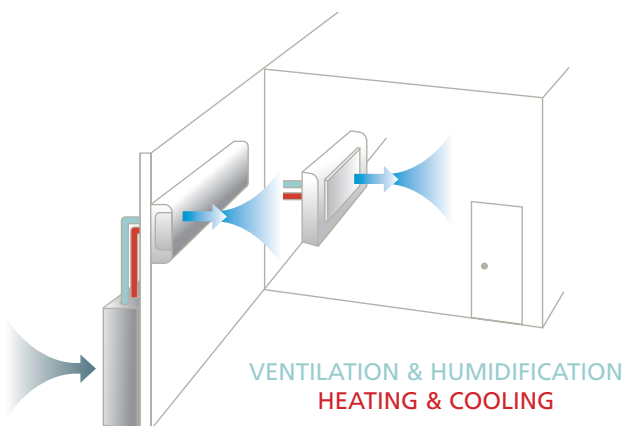


**The Daikin Ururu Multi heat pump system is unique in its ability to supply comfort cooling, heating, humidification and fresh air ventilation.**

Designed primarily for two room residential use, the system comprises visually attractive wall mounted indoor units and a robust outdoor unit that can be installed on a balcony or against a wall.

For the humidification, called "Ururu" in Japanese, moisture is absorbed from the outdoor air. Subsequently, this humidified outdoor air streams into the indoor unit and is evenly distributed throughout the indoor areas. The Ururu Multi, therefore, works without a water reservoir and serves to evenly distribute humidified air. Humid heat operation however, is only available during the heat function.

Unlike the conventional multi system, the Ururu Multi brings fresh, conditioned air into the room. Furthermore, the temperature of the incoming air is brought to the desired level without cold or heat loss. Another benefit is that the air supply fan is accommodated in the outdoor unit, which means that you will never be bothered by any fan noises.



- > URURU humidification: maintains a comfortable humidity level without any separate water supply
- > Fresh air supply for healthy living
- > Up to 2 indoor units can be connected to 1 Multi outdoor unit. All indoor units are individually controllable with remote control and do not need to be installed in the same room or at the same time
- > 2 area intelligent eye: air flow is sent to the area in a room where no person is detected



# MXU-G

Ururu Multi Inverter heat pump



HEAT PUMP			CTXU25G2V1B	CTXU35G2V1B	CTXU42G2V1B	CTXU50G2V1B	
Indoor units							
Dimensions	Height x Width x Depth	mm	295x800x215	295x800x215	295x800x215	295x800x215	
Weight		kg	9	10	10	10	
Air Flow Rate	Cooling	High	m <sup>3</sup> /min	9.1	10.4	9.1	10.2
	Heating	High	m <sup>3</sup> /min	9.8	10.6	11.2	11
Sound Power	Cooling	High	dB(A)	54	58	58	59
	Heating	High	dB(A)	55	58	58	60
Sound Pressure	Cooling	SH/H/M/L	dB(A)	38 / 32 / 25 / 22	42 / 34 / 26 / 23	42 / 38 / 33 / 30	43 / 39 / 34 / 31
	Heating	H/M/L/SO	dB(A)	39 / 34 / 28 / 25	42 / 36 / 29 / 26	42 / 38 / 33 / 30	44 / 39 / 34 / 31
Refrigerant		Type	R-410A				
Power Supply			1~/220-230-240V/50Hz				



HEAT PUMP			2MXU40GV1B	2MXU50GV1B
Outdoor units				
Dimensions	Height x Width x Depth	mm	675x765x285	675x765x285
Weight		kg	45	49
Operation Range	Cooling	Min~Max	°CDB	10~46
	Heating	Min~Max	°CWB	-15~15.5
Sound Power	Cooling		dB(A)	62
Sound Pressure (High)	Cooling		dB(A)	47
	Heating		dB(A)	48
Refrigerant		Type	R-410A	R-410A
Power Supply			1~/220-240V/50Hz	1~/220-240V/50Hz
Piping connections	Liquid (OD)/Gas/Drain	mm	6.35 / 9.52 / 18	6.35 / 9.52 - 12.7 / 18
Piping Length (Maximum)		m	30 (for total of each room) / 15 (for one room)	30 (for total of each room) / 15 (for one room)
Max. internunit level difference		m	7.5	7.5

# Combination tables

Ururu Multi

## COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXU40GV1B	2.5	2.50	---	1.50	2.50	3.00	0.330	0.610	0.800	4.10	A	305
	3.5	3.50	---	1.50	3.50	4.00	0.330	1.050	1.360	3.33	A	525
	2.5+2.5	2.00	2.00	1.75	4.00	4.40	0.310	1.020	1.230	3.92	A	510
	2.5+3.5	1.80	2.20	1.75	4.00	4.60	0.310	0.990	1.310	4.04	A	495

## HEATING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXU40GV1B	2.5	3.40	---	1.10	3.40	4.10	0.260	1.020	1.480	3.33	C
	3.5	3.80	---	1.10	3.80	4.40	0.260	1.280	1.720	2.97	D
	2.5+2.5	2.20	2.20	1.40	4.40	4.70	0.250	1.030	1.160	4.27	A
	2.5+3.5	2.05	2.35	1.40	4.40	4.70	0.240	0.990	1.110	4.44	A

Note: Connected to 2.5,3.5 class of wall mounted unit CTXU-G

## COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXS50G2V1B	2.5	2.50	---	1.60	2.50	3.10	0.330	0.560	0.800	4.46	A	280
	3.5	3.50	---	1.60	3.50	4.00	0.320	0.940	1.240	3.72	A	470
	4.2	4.20	---	1.60	4.20	4.70	0.320	1.380	1.850	3.04	B	690
	5.0	5.00	---	1.60	5.00	5.10	0.320	1.940	2.070	2.58	E	970
	2.5+2.5	2.50	2.50	1.95	5.00	5.30	0.340	1.380	1.610	3.62	A	690
	2.5+3.5	2.08	2.92	1.95	5.00	5.40	0.340	1.340	1.610	3.73	A	670
	2.5+4.2	1.87	3.13	1.95	5.00	5.50	0.340	1.330	1.720	3.76	A	665
	2.5+5.0	1.67	3.33	1.95	5.00	5.50	0.340	1.300	1.700	3.85	A	650
	3.5+3.5	2.50	2.50	1.98	5.00	5.40	0.340	1.290	1.550	3.88	A	645
	3.5+4.2	2.27	2.73	1.98	5.00	5.50	0.340	1.280	1.650	3.91	A	640
	3.5+5.0	2.06	2.94	1.98	5.00	5.50	0.340	1.270	1.620	3.94	A	635
	4.2+4.2	2.50	2.50	1.98	5.00	5.50	0.340	1.270	1.620	3.94	A	635

## HEATING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXS50G2V1B	2.5	3.40	---	1.16	3.40	4.10	0.220	0.940	1.270	3.62	A
	3.5	4.00	---	1.16	4.00	4.60	0.220	1.180	1.460	3.39	C
	4.2	4.70	---	1.16	4.70	5.10	0.220	1.490	1.730	3.15	D
	5.0	5.40	---	1.28	5.40	5.60	0.230	1.770	1.910	3.05	D
	2.5+2.5	2.80	2.80	1.18	5.60	5.80	0.220	1.380	1.430	4.06	A
	2.5+3.5	2.38	3.32	1.24	5.70	6.00	0.230	1.340	1.450	4.25	A
	2.5+4.2	2.13	3.57	1.25	5.70	6.10	0.230	1.330	1.470	4.29	A
	2.5+5.0	1.90	3.80	1.35	5.70	6.30	0.230	1.320	1.520	4.32	A
	3.5+3.5	2.85	2.85	1.30	5.70	6.10	0.230	1.330	1.460	4.29	A
	3.5+4.2	2.59	3.11	1.31	5.70	6.20	0.230	1.320	1.480	4.32	A
	3.5+5.0	2.35	3.35	1.35	5.70	6.40	0.230	1.310	1.560	4.35	A
	4.2+4.2	2.85	2.85	1.32	5.70	6.30	0.230	1.310	1.500	4.35	A

Note: Connected to 2.5,3.5,4.2,5.0 class of wall mounted unit CTXU-G