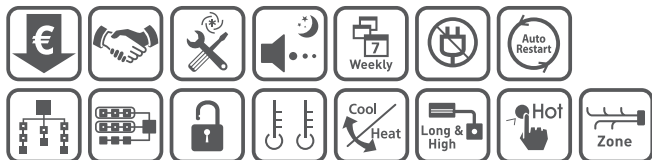


Standard Inverter

High Static Duct

CB18 / CB24 / UB30



* CB18 / CB24 are compatible with SCAC and MULTI.

Indoor				CB18 NH2	CB24 NH2	UB30 NG2	
Capacity	Cooling	Min/Nom/Max	kW	2.0 / 5.0 / 5.4	2.8 / 7.1 / 7.8	3.2 / 8.0 / 8.8	
	Heating	Min/Nom/Max	kW	2.4 / 6.0 / 6.6	3.2 / 8.0 / 8.8	3.6 / 9.0 / 9.9	
Low Temperature Capacity	Heating -7°C		Max	kW	5.4	7.2	8.1
	Power Input (Set)	Cooling	Nom	kW	1.54	2.36	2.28
Heating		Nom	kW	1.66	2.49	2.49	
Power Input (Indoor)	Min/Nom/Max (ESP 2.5mmAq)		W	50 / 70 / 70	50 / 80 / 80	70 / 110 / 110	
	Min/Max (ESP 8.0mmAq)		W	90 / 120	100 / 140	110 / 160	
Running Current	Cooling/Heating	Nom	A	6.7 / 7.2	10.3 / 10.8	9.9 / 10.8	
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
EER				3.21	3.01	3.51	
COP				3.61	3.21	3.61	
SEER				4.61	5.11	5.61	
SCOP				3.81	3.81	3.81	
Pdesign (@-10°C)			kW	3.8	6.0	7.0	
Seasonal Energy Label	Cooling/Heating			B / A	A / A	A+ / A	
Annual Energy Consumption	Cooling/Heating		kWh	377 / 1,400	487 / 2,211	500 / 2,579	
	Piping Connection	Liquid	mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)	
Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)		
Drain		O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	
Air Flow Rate		High/Medium/Low	m³/min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.0	26.5 / 23.0 / 20.0	
Sound Pressure	Cooling	High/Medium/Low	dB(A)	36 / 34 / 32	36 / 35 / 33	36 / 35 / 33	
Sound Power	Cooling	Max	dB(A)	60	61	61	
Dehumidification Rate			l/h	2.0	2.5	3.3	
Dimensions	Body	WxHxD	mm	882 x 260 x 450	882 x 260 x 450	1,182 x 298 x 450	
Net Weight	Body		kg	26.0	26.0	33.0	
External Static Pressure	Min~Max		mmAq(Pa)	2.5~8(25~78)	2.5~8(25~78)	2.5~10(25~98)	
Outdoor				UU18W UE2	UU24W U42	UU30W U42	
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	
Airflow Rate	Nom		m³/min	50	58	58	
	Sound Pressure	Cooling	Nom	dB(A)	48	48	48
Heating		Nom	dB(A)	51	52	52	
Sound Power	Cooling	Max	dB(A)	60	62	65	
Dimensions	WxHxD		mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330	
Net Weight			kg	46.0	60.0	60.0	
Refrigerant	Type			R410A	R410A	R410A	
	Charge		g	1,400	2,000	2,000	
	Additional Charge (after 7.5m)		g/m	20	40	40	
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5	
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker			A	20	30	30	
Piping Length Total	Min~Max		m	5~40	5~50	5~50	
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)	
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)	

Note: 1. Due to our policy of innovation some specifications may be changed without notification.

2. Capacities are based on the following conditions:

Cooling : - Indoor Temperature 27°C DB / 19°C WB
 - Outdoor Temperature 35°C DB / 24°C WB

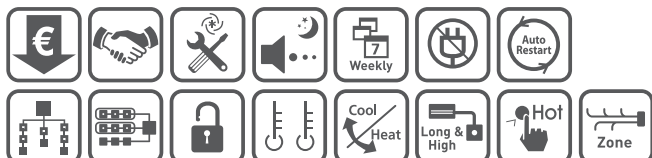
Heating : - Indoor Temperature 20°C DB / 15°C WB
 - Outdoor Temperature 7°C DB / 6°C WB

3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

Standard Inverter

High Static Duct

UB36 / UB42 / UB48 / UB60



Indoor				UB36 NG2	UB42 NR2	UB48 NR2	UB60 NR2	
Capacity	Cooling	Min/Nom/Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.6 / 14.0 / 15.4	5.9 / 14.8 / 16.3	
	Heating	Min/Nom/Max	kW	4.5 / 11.2 / 12.3	5.6 / 14.0 / 15.4	6.6 / 16.4 / 18.2	6.8 / 16.8 / 18.7	
Low Temperature Capacity	Heating -7°C		Max	kW	10.0	12.5	14.8	15.2
	Power Input (Set)	Cooling	Nom	kW	3.06	3.89	4.36	5.09
Heating		Nom	kW	3.20	3.49	4.42	4.53	
Power Input (Indoor)	Min/Nom/Max (ESP 4.0mmAq)		W	110 / 160 / 160	110 / 160 / 160	120 / 190 / 190	190 / 300 / 300	
	Min/Nom/Max (ESP 10.0mmAq)		W	160 / 220	170 / 220	190 / 280	300 / 430	
Running Current	Cooling/Heating	Nom	A	13.3 / 13.9	16.9 / 15.2	19.0 / 19.2	22.1 / 19.7	
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
EER				3.27	3.21	3.21	2.91	
COP				3.50	4.01	3.71	3.71	
SEER				5.11	-	-	-	
SCOP				3.81	-	-	-	
Pdesign (@-10°C)			kW	7.6	-	-	-	
Seasonal Energy Label	Cooling/Heating			A / A	-	-	-	
Annual Energy Consumption	Cooling/Heating			kWh	686 / 2,800	-	-	
Piping Connection	Liquid			mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas			mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25	
Air Flow Rate	High/Medium/Low		m³/min	32.0 / 29.0 / 26.0	38.0 / 36.0 / 32.0	40.0 / 35.0 / 30.0	50.0 / 45.0 / 40.0	
Sound Pressure	Cooling	High/Medium/Low	dBA	42 / 39 / 36	42 / 40 / 38	44 / 42 / 40	46 / 44 / 42	
Sound Power	Cooling	Max	dBA	61	65	65	67	
Dehumidification Rate			l/h	4.0	5.0	6.0	6.5	
Dimensions	Body	WxHxD	mm	1,182 x 298 x 450	1,230 x 380 x 590	1,230 x 380 x 590	1,230 x 380 x 590	
Net Weight	Body			kg	38.0	52.0	49.0	
External Static Pressure	Min~Max		mmAq(Pa)	4~10(39~98)	5~12(49~118)	5~12(49~118)	6~14(59~137)	
Outdoor				UU36W UO2	UU42W U32	UU48W U32	UU60W U32	
Compressor	Type		Twin Rotary					
Airflow Rate	Nom		m³/min	90	110	110	110	
Sound Pressure	Cooling	Nom	dBA	53	52	52	52	
	Heating	Nom	dBA	54	54	54	54	
Sound Power	Cooling	Max	dBA	66	67	68	71	
Dimensions	WxHxD		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	
Net Weight			kg	81.0	92.0	92.0	92.0	
Refrigerant	Type		R410A					
	Charge		g	2,800	3,400	3,400	3,400	
	Additional Charge (after 7.5m)		g/m	40	40	40	40	
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48	
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18	
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Supply Cable			No. x mm²	3C x 2.5	3C x 5.0	3C x 5.0	3 x 5.0	
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4 x 0.75	
Circuit Breaker			A	40	40	40	40	
Piping Length Total	Min~Max		m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75	
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30	
Piping Connection	Liquid			mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas			mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.

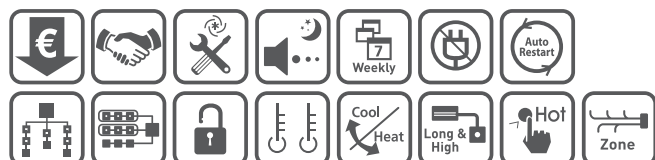
2. Capacities are based on the following conditions:

Cooling : - Indoor Temperature 27°C DB / 19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
 - Outdoor Temperature 35°C DB / 24°C WB - Outdoor Temperature 7°C DB / 6°C WB

3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

High Static Duct

UB36 / UB42 / UB48 / UB60



Indoor				UB36 NG2	UB42 NR2	UB48 NR2	UB60 NR2	
Capacity	Cooling	Min/Nom/Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.6 / 14.0 / 15.4	5.9 / 14.8 / 16.3	
	Heating	Min/Nom/Max	kW	4.5 / 11.2 / 12.3	5.6 / 14.0 / 15.4	6.6 / 16.4 / 18.2	6.8 / 16.8 / 18.7	
Low Temperature Capacity	Heating -7°C		Max	kW	10.0	12.5	14.8	
	Cooling		Nom	kW	3.06	3.89	4.36	
Power Input (Set)	Heating		Nom	kW	3.20	3.49	4.42	
	Min/Nom/Max (ESP 4.0mmAq)		W	110 / 160 / 160	110 / 160 / 160	120 / 190 / 190	190 / 300 / 300	
Power Input (Indoor)		Min/Nom/Max (ESP 10.0mmAq)		W	160 / 220	170 / 280	190 / 280	
Running Current	Cooling/Heating	Nom	A	4.4 / 4.6	5.6 / 5.0	6.3 / 6.4	7.3 / 6.5	
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
EER				3.27	3.21	3.21	2.91	
COP				3.50	4.01	3.71	3.71	
SEER				4.71	-	-	-	
SCOP				3.81	-	-	-	
Pdesign (@-10°C)			kW	7.6	-	-	-	
Seasonal Energy Label	Cooling/Heating			B / A	-	-	-	
Annual Energy Consumption	Cooling/Heating		kWh	745 / 2,800	-	-	-	
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25	
Air Flow Rate		High/Medium/Low	m³/min	32.0 / 29.0 / 26.0	38.0 / 36.0 / 32.0	40.0 / 35.0 / 30.0	50.0 / 45.0 / 40.0	
Sound Pressure	Cooling	High/Medium/Low	dBA	42 / 39 / 36	42 / 40 / 38	44 / 42 / 40	46 / 44 / 42	
Sound Power	Cooling	Max	dBA	61	65	65	67	
Dehumidification Rate			l/h	4.0	5.0	6.0	6.5	
Dimensions	Body	WxHxD	mm	1,182 x 298 x 450	1,230 x 380 x 590	1,230 x 380 x 590	1,230 x 380 x 590	
Net Weight	Body		kg	38.0	52.0	52.0	49.0	
External Static Pressure			Min~Max	mmAq(Pa)	4~10(39~98)	5~12(49~118)	5~12(49~118)	6~14(59~137)
Outdoor				UU37W UO2	UU43W U32	UU49W U32	UU61W U32	
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	
Airflow Rate		Nom	m³/min	90	110	110	110	
Sound Pressure	Cooling	Nom	dBA	53	52	52	52	
	Heating	Nom	dBA	54	54	54	54	
Sound Power	Cooling	Max	dBA	66	67	68	71	
Dimensions	WxHxD		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	
Net Weight			kg	85.0	96.0	96.0	96.0	
Refrigerant	Type			R410A	R410A	R410A	R410A	
	Charge		g	2,800	3,400	3,400	3,400	
	Additional Charge (after 7.5m)		g/m	40	40	40	40	
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48	
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18	
Power Supply			øV/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5	
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker			A	20	20	20	20	
Piping Length Total			Min~Max	m	5 ~ 50	5 ~ 75	5 ~ 75	
Piping Elevation Difference			IDU-ODU	Max	m	30	30	
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	

Note: 1. Due to our policy of innovation some specifications may be changed without notification.
 2. Capacities are based on the following conditions:
 Cooling : - Indoor Temperature 27°C DB / 19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
 - Outdoor Temperature 35°C DB / 24°C WB - Outdoor Temperature 7°C DB / 6°C WB
 3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition