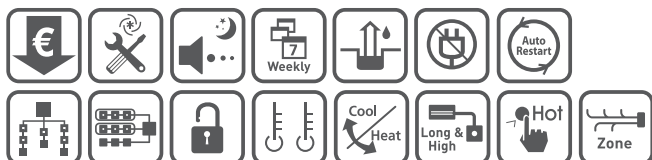


# Standard Inverter

## Low Static Duct CB09L / CB12L



UU09W  
UU12W



\* CB09L / CB12L will be launched in June.

Indoor				CB09L N12	CB12L N22
Capacity	Cooling	Min/Nom/Max	kW	1.1 / 2.5 / 3.0	1.4 / 3.4 / 3.7
	Heating	Min/Nom/Max	kW	1.2 / 3.2 / 3.6	1.6 / 4.0 / 4.5
Low Temperature Capacity	Heating -7°C		Max	kW	3.65
	Cooling	Nom	kW	0.70	1.00
Power Input (Set)	Heating		Nom	kW	1.00
	Min/Nom/Max (ESP 2.5mmAq)		W	30 / 50 / 50	80 / 95 / 95
Power Input (Indoor)	Min/Nom/Max (ESP 5.0mmAq)		W	40 / 60	80 / 100
	Cooling/Heating	Nom	A	3.1 / 4.0	4.3 / 4.6
Running Current			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply				3.48	3.41
EER				3.51	3.81
COP				5.11	5.61
SEER				3.81	3.81
SCOP				2.8	3.0
Pdesign (@-10°C)			kW	A / A	A+ / A
Seasonal Energy Label	Cooling/Heating			172/1,032	213/1,105
Annual Energy Consumption	Cooling/Heating			ø 6.35 (1/4)	ø 6.35 (1/4)
	Liquid			ø 9.52 (3/8)	ø 9.52 (3/8)
Piping Connection	Gas			32 / 25	32 / 25
	Drain	O.D./I.D.	mm	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0
		High/Medium/Low	m³/min	30 / 26 / 23	31 / 28 / 27
Air Flow Rate	Cooling	High/Medium/Low	dBA	49	52
Sound Pressure	Cooling	Max	dBA	1.1	1.2
Sound Power	Cooling	Max	dBA	700 x 190 x 700	900 x 190 x 700
Dehumidification Rate	Body	WxHxD	mm	17.5	23.0
Dimensions	Body	WxHxD	mm	0-5(0-49)	0-5(0-49)
Net Weight	Body	WxHxD	mm		
External Static Pressure		Min~Max	mmAq(Pa)		
Outdoor				UU09W ULD	UU12W ULD
Compressor	Type			Rotary	Rotary
Airflow Rate		Nom	m³/min	32	32
Sound Pressure	Cooling	Nom	dBA	47	47
	Heating	Nom	dBA	48	48
Sound Power	Cooling	Max	dBA	56	57
Dimensions	WxHxD			700 x 540 x 245	700 x 540 x 245
Net Weight			kg	32.0	32.0
Refrigerant	Type			R410A	R410A
	Charge			1,000	1,000
	Additional Charge (after 7.5m)			20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 43	-10 ~ 43
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15
Piping Length Total	Min~Max		m	5~15	5~15
Piping Elevation Difference	IDU-ODU	Max	m	10	10
Piping Connection	Liquid			ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas			ø 9.52 (3/8)	ø 9.52 (3/8)

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

2. Capacities are based on the following conditions:

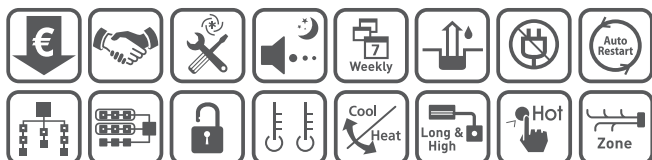
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB  
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB

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

# Standard Inverter

## Low Static Duct

### CB18L / CB24L



\* CB18L / CB24L will be launched in June.

Indoor				CB18L N22	CB24L N32
Capacity	Cooling	Min/Nom/Max	kW	2.0 / 5.0 / 6.0	4.0 / 7.1 / 7.7
	Heating	Min/Nom/Max	kW	2.2 / 6.0 / 7.3	2.4 / 8.0 / 8.8
Low Temperature Capacity	Heating -7°C		Max	4.9	7.3
	Cooling	Nom	kW	1.60	2.40
Power Input (Set)	Heating		Nom	1.80	2.20
	Min/Nom/Max (ESP 2.5mmAq)		W	95 / 120 / 120	90 / 150 / 150
Power Input (Indoor)		Min/Nom/Max (ESP 5.0mmAq)		W	110 / 160
Running Current	Cooling/Heating	Nom	A	7.0 / 7.7	10.3 / 9.6
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.11	3.01
COP				3.41	3.61
SEER				4.61	5.11
SCOP				3.81	3.81
Pdesign (@-10°C)			kW	3.8	5.8
Seasonal Energy Label	Cooling/Heating			B / A	A / A
Annual Energy Consumption	Cooling/Heating		kWh	377 / 1,400	487 / 2,137
	Liquid			ø 6.35 (1/4)	ø 9.52 (3/8)
Piping Connection	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25
Air Flow Rate	High/Medium/Low		m³/min	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36 / 34 / 31	39 / 35 / 32
Sound Power	Cooling	Max	dBA	54	58
Dehumidification Rate			l/h	1.7	2.2
Dimensions	Body	WxHxD	mm	900 x 190 x 700	1,100 x 190 x 700
Net Weight	Body			23.0	31.0
External Static Pressure			Min~Max	mmAq(Pa)	0~5(0~49)
Outdoor				UU18W UE2	UU24W U42
Compressor	Type		Twin Rotary		
Airflow Rate	Nom		m³/min	50	58
Sound Pressure	Cooling	Nom	dBA	48	48
	Heating	Nom	dBA	51	52
Sound Power	Cooling	Max	dBA	60	62
Dimensions	WxHxD		mm	870 x 655 x 320	950 x 834 x 330
Net Weight			kg	46.0	60.0
Refrigerant	Type		R410A		
	Charge		g	1,400	2,000
	Additional Charge (after 7.5m)		g/m	20	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18
Power Supply			øV/Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	30
Piping Length Total		Min~Max	m	5~40	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	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

Ceiling Concealed Duct