

WALL MOUNTED

STANDARD INVERTER (R32)

US30F / US36F



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UUC1 U40 UUD1 U30 UUD3 U30



COMBINATION		30	36	36
Capacity	Cooling	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Min - Rated - Max	kW	kW	kW
	Heating	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (See)	Cooling	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Min - Rated - Max	kW	kW	kW
	Heating	0.50 / 2.57 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling	10.1	11.4	4.1
	Rated	A	A	A
EER / COP	Min/MWh	3.51 / 3.60	3.70 / 3.90	3.70 / 3.90
	Max/MWh	7.0 / 4.3	6.10 / 3.85	6.10 / 3.85
SEER / SCOP	kW	8	9.5	9.5
	kWh	5.4	8.7	8.7
Pdesign	A++ / A+	A++ / A+	A++ / A+	A++ / A+
	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Seasonal Energy Label	Cooling / Heating	A++ / A+	A++ / A+	A++ / A+
	Cooling / Heating	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating	400 / 1.758	545 / 3.164	545 / 3.164
	Cooling / Heating	kWh	kWh	kWh
Dehumidification Rate	l/h	2.9	3.8	3.8
	l/h	l/h	l/h	l/h
ODU Sound Pressure Level	Cooling / Heating	50 / 52	50 / 50	50 / 50
	Rated	dB(A)	dB(A)	dB(A)
ODU Sound Power Level	Cooling	66	66	66
	Rated	mm (inch)	mm (inch)	mm (inch)
Piping Connections	Liquid	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Operation Range (Outdoor)	Cooling	-20 ~ 50	-20 ~ 52	-20 ~ 52
	Heating	Min - Max	Min - Max	Min - Max
INDOOR	Power Supply	US30F NR0	US36F NR0	US36F NR0
	Power Input (IDU)	Ø V, Hz	Ø V, Hz	Ø V, Hz
Air Flow Rate	H / M / L	47 / 47 / 36	65 / 47 / 42	65 / 47 / 42
	m³/min	m³/min	m³/min	m³/min
Dimensions	Body	25 / 21 / 17	25 / 21 / 17	25 / 21 / 17
	W x H x D	mm	mm	mm
Sound Pressure Level	Body	18.3	18.3	18.3
	dB(A)	dB(A)	dB(A)	dB(A)
Sound Power Level	Cooling	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0	51.0 / 46.0 / 42.0
	Max	dB(A)	dB(A)	dB(A)
Piping Connections	Drain	Ø15.8 / 16.0	Ø15.8 / 16.0	Ø15.8 / 16.0
	O.D., I.D.	mm	mm	mm
OUTDOOR	Power Supply	UUC1 U40	UUD1 U30	UUD3 U30
	Power Supply	Ø V, Hz	Ø V, Hz	Ø V, Hz
Circuit Breaker	Min	25	40	40
	A	A	A	A
Power Supply Cable (Included Earth)	3C x 2.5	3C x 2.5	5C x 2.5	5C x 2.5
	No x mm²	No x mm²	No x mm²	No x mm²
Dimensions	Net	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330
	W x H x D	mm	mm	mm
Weight	Net	57.7	85	85
	kg	kg	kg	kg
Compressor	Type	Inverter Scroll	Inverter Scroll	Inverter Scroll
	Ø V, Hz	Ø V, Hz	Ø V, Hz	Ø V, Hz
Refrigerant	Type	R32	R32	R32
	GWP (Global Warming Potential)	675	675	675
Precharged Amount	kg	1.9	3.0	3.0
	g/m	1.283	2.025	2.025
Additional Charge (After 7.5m)	g/m	40	40	40
	m/minxMx	m/minxMx	m/minxMx	m/minxMx
Fan	Air Flow Rate	58 x 1	55 x 2	55 x 2
	Rated	m³/min	m³/min	m³/min
Total Piping Length	Min / Max	5 / 85	5 / 85	5 / 85
	m	m	m	m
Piping Elevation	IDU - ODU	30	30	30
	Max	m	m	m

Note:
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
- Cooling: Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
- Heating: Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
- Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases (R32)

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COMPACT INVERTER (R32)

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UUB1 U20 UUC1 U40



COMBINATION		30	36
Capacity	Cooling	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Min - Rated - Max	kW	kW
	Heating	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (See)	Cooling	0.50 / 2.31 / 2.77	0.60 / 3.05 / 3.67
	Min - Rated - Max	kW	kW
	Heating	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling	10.1	13.6
	Rated	A	A
EER / COP	Min/MWh	3.75 / 3.60	3.10 / 3.60
	Max/MWh	6.8 / 4.1	6.4 / 4.1
SEER / SCOP	kW	7.5	9.5
	kWh	4.3	5.9
Pdesign	A++ / A+	A++ / A+	A++ / A+
	A++ / A+	A++ / A+	A++ / A+
Seasonal Energy Label	Cooling / Heating	A++ / A+	A++ / A+
	Cooling / Heating	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating	386 / 1.468	520 / 1.980
	Cooling / Heating	kWh	kWh
Dehumidification Rate	l/h	3.0	3.5
	l/h	l/h	l/h
ODU Sound Pressure Level	Cooling / Heating	50 / 54	54 / 56
	Rated	dB(A)	dB(A)
ODU Sound Power Level	Cooling	67	70
	Rated	mm (inch)	mm (inch)
Piping Connections	Liquid	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	Ø15.88 (5/8)	Ø15.88 (5/8)
Operation Range (Outdoor)	Cooling	-10 ~ 48	-20 ~ 50
	Heating	Min - Max	Min - Max
INDOOR	Power Supply	US30F NR0	US36F NR0
	Power Input (IDU)	Ø V, Hz	Ø V, Hz
Air Flow Rate	H / M / L	47 / 47 / 36	65 / 47 / 42
	m³/min	m³/min	m³/min
Dimensions	Body	25 / 21 / 17	25 / 21 / 17
	W x H x D	mm	mm
Sound Pressure Level	Body	18.3	18.3
	dB(A)	dB(A)	dB(A)
Sound Power Level	Cooling	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0
	Max	dB(A)	dB(A)
Piping Connections	Drain	Ø15.8 / 16.0	Ø15.8 / 16.0
	O.D., I.D.	mm	mm
OUTDOOR	Power Supply	UUB1 U20	UUC1 U40
	Power Supply	Ø V, Hz	Ø V, Hz
Circuit Breaker	Min	20	25
	A	A	A
Power Supply Cable (Included Earth)	3C x 2.5	3C x 2.5	3C x 2.5
	No x mm²	No x mm²	No x mm²
Dimensions	Net	870 x 650 x 330	950 x 834 x 330
	W x H x D	mm	mm
Weight	Net	44.5	57.7
	kg	kg	kg
Compressor	Type	Inverter Rotary	Inverter Rotary
	Ø V, Hz	Ø V, Hz	Ø V, Hz
Refrigerant	Type	R32	R32
	GWP (Global Warming Potential)	675	675
Precharged Amount	kg	1.9	1.9
	g/m	1.283	1.283
Additional Charge (After 7.5m)	g/m	40	40
	m/minxMx	m/minxMx	m/minxMx
Fan	Air Flow Rate	50 x 1	50 x 1
	Rated	m³/min	m³/min
Total Piping Length	Min / Max	5 / 35	5 / 50
	m	m	m
Piping Elevation	IDU - ODU	30	30
	Max	m	m

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