

H-Inverter

CEILING CONCEALED DUCT

MID / HIGH STATIC PRESSURE -
UB36H / UB42H / UB48H



UU36WH / UU42WH / UU48WH

SINGLE SPLIT

Ceiling
Concealed Duct

INDOOR				UB36H NR3	UB42H NR3	UB48H NR3
Capacity	Cooling	Min / Nom / Max	kW	4.8 / 9.5 / 13.0	5.1 / 12.1 / 14.5	5.5 / 13.4 / 16.0
	Heating	Min / Nom / Max	kW	5.3 / 10.8 / 13.7	5.6 / 13.5 / 16.5	6.1 / 15.5 / 18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.2	14.0	15.5
	Cooling	Nom	kW	2.16	3.16	3.88
Power Input (Set)	Heating	Nom	kW	2.57	3.50	4.18
		Min / Max (Nom ESP)	W	100 / 200	120 / 220	190 / 280
Running Current	Cooling / Heating	Nom	A	10.0 / 12.0	14.5 / 16.2	18.1 / 19.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.42	3.87	3.53
COP				4.53	4.03	3.83
SEER				6.54	-	-
SCOP				4.23	-	-
Pdesign (@ -10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling / Heating			A++ / A+	-	-
Annual Energy Consumption	Cooling / Heating		kWh	508 / 3,641	-	-
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	34.0 / 28.0 / 21.0	37.0 / 31.0 / 24.0	40.0 / 34.0 / 28.0
Sound Pressure	Cooling	High / Medium / Low	dBA	39 / 37 / 35	40 / 38 / 36	41 / 39 / 37
Sound Power	Cooling	Max	dBA	60	62	62
Dehumidification Rate			l/h	1.6	3.7	4.5
Dimensions	Body	W x H x D	mm	1,230 x 380 x 590	1,230 x 380 x 590	1,230 x 380 x 590
Net Weight	Body		kg	52.0	52.0	52.0
External Static Pressure		Min ~ Max	mmAq (Pa)	4-12 (39-118)	5-12 (49-118)	5-12 (49-118)

OUTDOOR				UU36WH U34	UU42WH U34	UU48WH U34
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-20 ~ 18	-20 ~ 18	-20 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	40	40
Piping Length Total		Min ~ Max	m	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

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

2. Definition of Power Input Nominal conditions – Performance tested under EN14511

3. 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

4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R410A)