

UB36 / UB42
UB48 / UB60



Ceiling Concealed Duct



Indoor Unit

		UB36 NGD		UB42 NRD		UB48 NRD		UB60 NRD	
Nominal Capacity (Min-Rating-Max)	Cooling	Btu/h	13,640-34,100-37,500	17,060-42,650-46,910	19,100-47,770-52,540	20,200-50,500-55,550			
		kw	4.0-10.0-11.0	5.0-12.5-13.8	5.6-14.0-15.4	5.92-14.8-16.3			
	Heating	Btu/h	15,280-38,200-42,020	19,108-47,770-52,540	22,520-56,300-61,930	23,200-58,000-63,800			
		kw	4.48-11.2-12.3	5.6-14.0-15.4	6.6-16.5-18.2	6.8-17.0-18.7			
Nominal Input (Rating)	Cooling	kw	3.51	4.15	4.60	5.27			
	Heating	kw	3.49	3.88	4.57	4.71			
Running Current	Cooling / Heating	A	1.42	3.65	3.65	3.65			
Power Supply		Ø/V/Hz	1 / 220 -240 / 50	1 / 220 -240 / 50	1 / 220 -240 / 50	1 / 220 -240 / 50			
EER	Cooling	kw/kw	2.85	3.01	3.04	2.81			
COP	Heating	kw/kw	3.21	3.61	3.61	3.61			
Operational Temperature Range	Cooling	°C	-10 - 43	-10 - 43	-10 - 43	-10 - 43			
	Heating	°C	-15 - 24	-15 - 24	-15 - 24	-15 - 24			
Air Flow Rate (H/M/L)		CMM	32/29/26	36/32/38	40/35/30	50/45/40			
		CFM	1130/1024/918	1260/1120/980	1413/1236/1059	1766/1413/1236			
Sound Level (H/M/L)		dB(A)±3	42/39/36	42/40/38	44/42/40	46/44/42			
Dehumidification Rate		l/h	4.0	5.0	6.0	6.5			
Dimensions (WxHxD)	Body	mm(inch)	1180*298*450(46.5*11.7*17.7)	1230*380*590(48.4*15.0*23.2)	1230*380*590(48.4*15.0*23.2)	1230*380*590(48.4*15.0*23.2)			
Weight	Body	kg(lbs)	38(84)	60(132)	60(132)	62(137)			
Piping Connections	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)			
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)			
	Drain(OD/ID)	mm	32/25	32/25	32/25	32/25			

Outdoor Unit

		UU37W UED		UU43W U3D		UU49W U3D		UU61W U3D	
Compressor	Type		Rotary		Rotary		Rotary		Rotary
Refrigerant Charge	Charge	g(oz)	2500(88)	3600(127)	3600(127)	3600(127)	3600(127)		
	Type		R410A	R410A	R410A	R410A			
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge			
Noise Level(H/L)	Sound Press,1m	dB(A)±3	54/50	55/51	55/51	55/51			
Dimensions	W*H*D	mm(inch)	870*1060*320 (34.3*41.7*12.6)	950*1380*330 (37.4*54.3*13.0)	950*1380*330(37.4*54.3*13.0)	950*1380*330 (37.4*54.3*13.0)			
Net Weight	Outdoor	kg(lbs)	80(176)	103(227)	103(227)	103(227)			
Piping connection	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)			
	Gas	mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)			
Power Supply Cable(Includes earth)	No.*mm ²		3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5			
Interunit Cable(Includes earth)	No.*mm ²		4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75			
Max. Piping Length/Elevation		m	50/30	75/30	75/30	75/30			
Power Supply		ø,V, Hz	3,380-415, 50	3,380-415, 50	3,380-415, 50	3,380-415, 50			
Running Current	Cooling/Heating	A	5.3/4.3	4.09/4.28	4.98/5.23	5.91/5.79			
Air Circulation		CMM(CFM)	32(1130) x 2	55(1942) x 2	55(1942) x 2	55(1942) x 2			
Additional Refrigerant Charge (Over 7.5m)		g/m	45	40	40	40			

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

