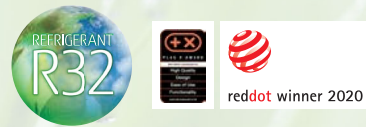


Ceiling



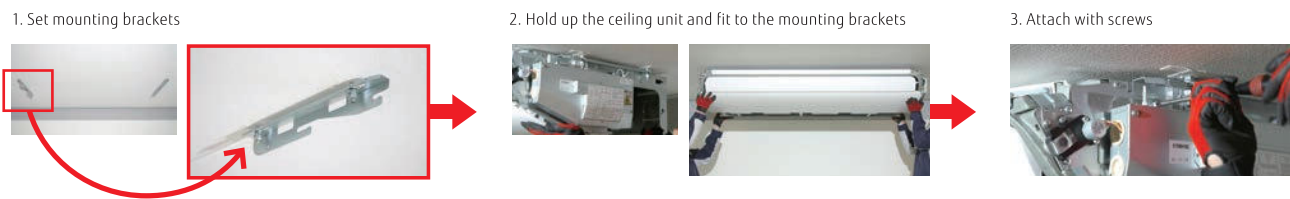
Light elegant design

The light-elegant, gently curved surface gives a sense of comfort and well-being.



Easy installation

The indoor unit can be easily installed under the ceiling thanks to the uniquely designed mounting kit.



Easy maintenance

The front panel can be opened without removing it for safe & speedy maintenance.



The drain pan can be removed for cleaning.



Components in the control box can be easily accessed from the wide side opening.



Flexible installation

The drain hose and pipe can be contained in the casing and connected in the right, left, angled, or downward direction.



Model: ABHG18KRTA / ABHG24KRTA / ABHG30KRTA / ABHG36KRTA / ABHG45KRTA / ABHG36KRTA [3-phase] / ABHG45KRTA [3-phase] / ABHG54KRTA [3-phase]



Specifications

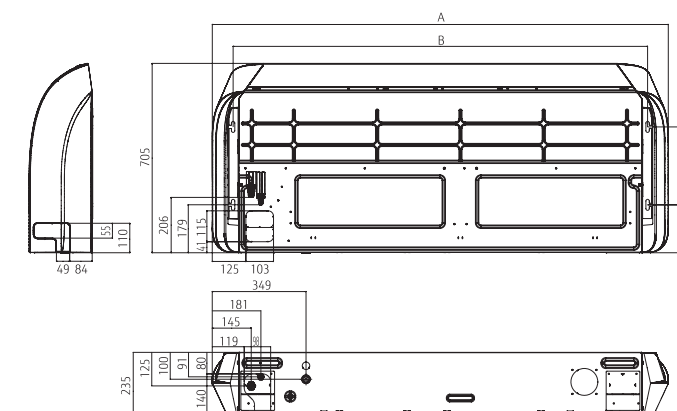
Model name	Indoor unit		ABHG18KRTA	ABHG24KRTA	ABHG30KRTA	ABHG36KRTA	ABHG45KRTA	ABHG36KRTA	ABHG45KRTA	ABHG54KRTA
	Outdoor unit		AOHG18KATA	AOHG24KATA	AOHG30KATA	AOHG36KATA	AOHG45KATA	AOHG36KQTA	AOHG45KQTA	AOHG54KQTA
Power Source	V/∅/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50
Capacity	Cooling (Min.-Max.)	kW	5.2 (0.9-5.4)	6.8 (0.9-7.4)	8.5 (2.8-9.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	9.5 (2.8-10.6)	12.1 (4.0-12.6)	13.4 (4.5-14.5)
		Btu/h	17,700 (3,100-18,400)	23,200 (3,100-25,200)	29,000 (9,600-32,700)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	32,400 (9,600-36,100)	41,300 (13,600-43,000)	45,700 (15,350-49,400)
Capacity	Heating (Min.-Max.)	kW	6.0 (0.9-6.3)	7.5 (0.9-8.6)	10.0 (2.7-10.8)	10.8 (2.7-12.5)	13.5 (4.2-15.0)	10.8 (2.7-12.5)	13.5 (4.2-15.0)	15.5 (4.7-16.5)
		Btu/h	20,500 (3,100-21,400)	25,600 (3,100-29,300)	34,100 (9,200-36,800)	36,900 (9,200-42,600)	46,100 (14,300-51,200)	36,900 (9,200-42,600)	46,100 (14,300-51,200)	52,900 (16,040-56,310)
Input Power	Cooling/Heating	kW	1.66/1.71	2.19/2.00	2.78/2.86	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18	4.45/4.43
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50	3.01
COP	Heating	W/W	3.51	3.75	3.5	3.56	3.23	3.56	3.23	3.50
Running Current	Cooling/Heating	A	7.4/7.6	9.7/8.8	12.3/12.6	13.8/13.3	21.3/18.4	6.0/5.8	8.8/7.6	8.0/8.0
Moisture Removal		l/h	2.0	2.2	3.0	2.6	4.5	2.6	4.5	5.0
Sound Pressure Level	Indoor (Cooling)(H/M/L/Q)	dB(A)	38/36/33/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	48/44/41/38
	Indoor (Heating)(H/M/L/Q)	dB(A)	38/36/33/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	48/44/41/38
Airflow Rate (Cooling/Heating)	Indoor (High)	m³/h	840/840	1,230/1,230	1,400/1,400	1,850/1,800	1,900/1,850	1,850/1,800	1,900/1,850	2,100/4,450
	Outdoor	m³/h	1,710/1,840	2,885/2,350	3,750/3,750	3,750/3,750	4,450/4,450	3,750/3,750	4,450/4,450	2,100/4,450
Net Dimensions H x W x D	Indoor	mm	235 × 1,080 × 705	235 × 1,390 × 705	235 × 1,390 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705	235 × 1,700 × 705
	Outdoor	mm	542 × 799 × 290	632 × 799 × 290	788 × 940 × 320	788 × 940 × 320	988 × 940 × 320	788 × 940 × 320	988 × 940 × 320	988 × 940 × 320
Weight	Indoor	kg	24	31	31	38	38	38	38	38
	Outdoor	kg	33	38	52	52	61	53	62	67
Piping Connections (Small / Large)		mm	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max. Pipe Length (Pre-Charge)		m	20 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	50 (30)
Max. Height Difference		m	15	20	30	30	30	30	30	30
Operating Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32

Optional parts

Compact wired remote controller:	UTY-RCRGZ1 UTY-RCRGZ1K	WLAN adapter:	UTY-TFSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired remote controller (touch panel):	UTY-RNRGZ5	Drain pump unit:	UTR-DBP24T	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller:	UTY-RLRG	IR receiver unit:	UTY-LBTGH	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRG	L-type piping kit:	UTP-FX24A (18/24) UTP-FX35A (30/36/45/54)	External connect kit:	UTY-XWZXZG
Simple remote controller:	UTY-RSRG	Communication kit:	UTY-TWRXZ3	(Outdoor unit 30/36/45/54)	
External input and output PCB:	UTY-XCSX	MODBUS converter:	UTY-VMSX	External connect kit:	UTY-XWZXZ3
External input and output PCB box:	UTZ-GXEA	KNX Converter:	UTY-VKXS		

Dimensions

(Unit: mm)



	ABHG18KRTA	ABHG24/30KRTA	ABHG36/45/54KRTA
A	1,080	1,390	1,700
B	923	1,233	1,543