

## Specifications

Model No.	Set		ARSH18KLTAZ	ARSH24KLTAZ	ARSH30KLTAZ	ARSH36KLTAZ	
	Indoor unit		ARSH18KLTA	ARSH24KLTA	ARSH30KLTA	ARSH36KLTA	
	Outdoor unit		AOSH18KBTA	AOSH24KBTA	AOSH30KBTA	AOSH36KBTA	
Capacity Class			18,000	24,000	30,000	36,000	
Power Source			Ø / V / Hz	1 / 230 / 60	1 / 230 / 60	1 / 230 / 60	
Cooling (T1/T3)							
Capacity	Cooling (T1)	Rated	kW	5.28 (1.32-5.88)	6.72 (1.75-7.73)	8.80 (3.08-9.67)	10.25 (3.58-11.60)
			Btu/h	18,000 (4,500-20,100)	22,900 (6,000-26,400)	30,000 (10,500-33,000)	35,000 (12,600-39,600)
	Cooling (T3)		kW	4.47 (1.84-4.92)	5.79 (2.46-6.33)	7.50 (3.08-7.91)	9.20 (3.58-9.79)
			Btu/h	15,300 (6,300-16,800)	19,800 (8,400-21,600)	25,600 (10,500-27,000)	31,400 (12,600-33,400)
Input Power	Cooling (T1/T3)	Rated	kW	1.42/1.53	1.82/1.95	2.44/2.92	2.68/3.25
Current	Cooling (T1/T3)	Rated	A	6.3 / 6.8	8.0 / 8.5	11.0/12.8	11.8/14.3
EER	Cooling (T1/T3)	Rated	Btu/hW	12.70/10.00	12.60/10.15	12.30/8.75	13.05/9.65
			kW/kW	3.70/2.90	3.70/2.95	3.60/2.55	3.80/2.85
Power Factor	Cooling (T1/T3)	Rated	%	98.0/97.8	98.9/99.7	96.4/99.2	98.7/98.8
Heating							
Capacity	Heating	Rated	kW	5.30 (1.32-5.88)	6.70 (1.75-7.73)	8.80 (3.08-9.67)	10.25 (3.58-11.60)
			Btu/h	18,000 (4,500-20,100)	22,900 (6,000-26,400)	30,000 (10,500-33,000)	35,000 (12,600-39,600)
Input Power	Heating	Rated	kW	1.26	1.50	1.87	2.26
Current	Heating	Rated	A	5.7	6.6	8.3	10.0
COP	Heating	Rated	Btu/hW	14.30	15.25	16.05	15.50
			kW/kW	4.20	4.45	4.70	4.55
Power Factor	Heating	Rated	%	96.1	98.8	97.9	98.3
SEER (SASO2663:2021)			Btu/W.h	16.50	15.40	15.30	15.20
Energy Level Rating				B	B	B	B
Static Pressure	Range (Standard)		Pa	0 to 50 (35)	0 to 50 (35)	30 to 80 (47)	30 to 80 (47)
Airflow Rate (Maximum)	Cooling/Heating	Rated	C.F.M	618/618	1,001/848	1,207/1,207	1,501/1,336
			m <sup>3</sup> /h	1,050/1,050	1,700/1,440	2,050/2,050	2,550/2,270
Sound Pressure Level	Indoor(Cooling)	Hi/Qu	dB(A)	29/ 21	37 / 28	36/26	40 / 29
	Outdoor(Cooling)			50	52	53	57
	Indoor(Heating)	Hi/Qu		29 / 21	34/21	36/26	36/26
	Outdoor(Heating)			50	52	55	57
Moisture Removal			Pints/h(Liter/h)	2.30 (1.33)	1.30 (0.74)	2.60 (1.48)	2.40 (1.36)
Net Dimensions H × W × D	Indoor	mm	300 × 1,000 × 700	300 × 1,000 × 700	300 × 1,400 × 700	300 × 1,400 × 700	
	Outdoor		632 × 799 × 290	716 × 820 × 315	788 × 940 × 320	998 × 940 × 320	
Weight	Indoor	kg	35	36	46	46	
	Outdoor		36	41	52	67	
Pipe Connection	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	
Pipe length	Maximum (Pre-Charge)		m	30 (20)	30 (20)	50 (30)	50 (30)
	Height Difference			20	25	30	30
Operation Range	Outdoor(Cooling)		°C	21 to 55	21 to 55	21 to 55	21 to 55
	Outdoor(Heating)			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Compressor Type				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Refrigerant				R32	R32	R32	R32

Note : Specifications are based on the following conditions.

T1-Condition : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

T3-Condition : Indoor temperature of 29°CDB / 19°CWB, and outdoor temperature of 46°CDB / 24°CWB.

Heating (SASO2681.H1) : Indoor temperature of 20°CDB, and outdoor temperature of 7°CDB / 6°CWB

Pipe length : 7.5m.