

2. Specification

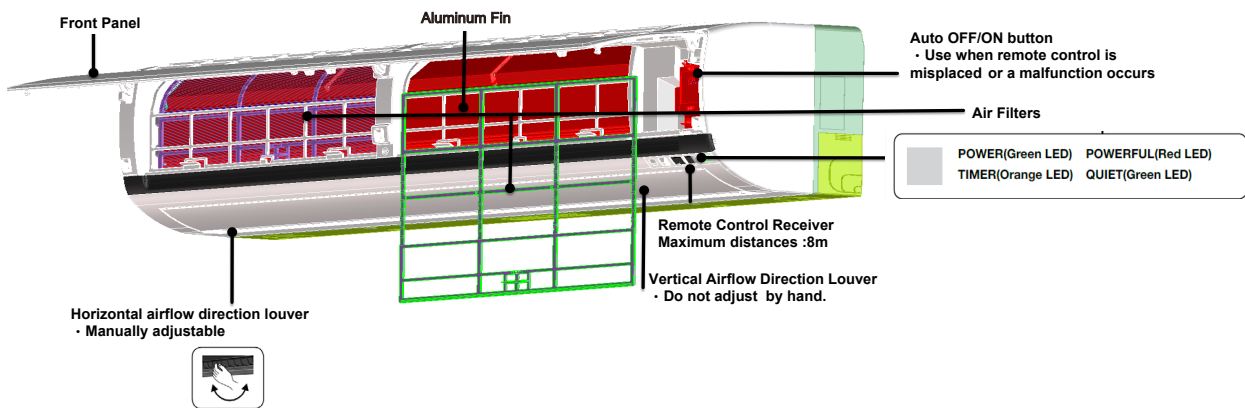
Model		Indoor	CS-PU36AKV-2			
		Outdoor	CU-PU36AKV-2			
Performance Test Condition			IEC 60335-2-40			
Power Supply		Phase, Hz	Single,50/60			
		V	220			
			Min.	Mid.	Max.	
Cooling	Capacity	kW	2.70	10.00	11.00	
		BTU/h	9200	34000	38000	
	Running Current	A	-	15.9	-	
	Input Power	W	570	3330	3760	
	EER	W/W	4.74	3.00	2.93	
		BTU/hW	16.14	10.21	10.11	
	Power Factor	%	-	95	-	
	Indoor Noise (H / L)	dB-A	49 / 39			
	Outdoor Noise (H / L)	dB-A	57 / -			
Max Current (A) / Max Input Power (W)			20.0 / 4.2k			
Starting Current (A)			17			
Compressor	Type	Hermetic Motor / 2P Rotary				
	Motor Type	Brushless (4 poles)				
	Output Power	W	1700			
Indoor Fan	Type	Cross-flow fan				
	Material	SAN-CF18				
	Motor Type	DC / Brushless(8 poles)				
	Input Power	W	68			
	Output Power	W	35			
	Speed	Lo	rpm	910		
		Me	rpm	1130		
Hi		rpm	1350			
Outdoor Fan	Type	Propeller				
	Material	PP Resin				
	Motor Type	DC / Brushless(10 poles)				
	Input Power	W	189			
	Output Power	W	120			
	Speed	Hi	rpm	800		
Moisture Removal		L/h (Pt/h)	6.0 (12.7)			
Indoor Airflow	Lo	m ³ /min (ft ³ /m)	13.8 (487)			
	Me	m ³ /min (ft ³ /m)	19.4 (684)			
	Hi	m ³ /min (ft ³ /m)	25.0 (880)			
Outdoor Airflow	Hi	m ³ /min (ft ³ /m)	82.0(2900)			
Refrigeration Cycle	Control Device	EXPANSION VALVE				
	Refrigerant Oil	cm ³	FW50S (900)			
	Refrigerant Type	g (oz)	R32, 2.60k(91.8)			

Dimension	Height(I/D / O/D)	mm (inch)	295 (11-5/8) / 955(37-19/32)	
	Width (I/D / O/D)	mm (inch)	1160 (45-11/16) / 1100(43-5/16)	
	Depth (I/D / O/D)	mm (inch)	255 (10-1/16) / 370 (14-9/16)	
Weight	Net (I/D / O/D)	kg (lb)	14 (30) / 76 (67)	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	6.35 (1/4) / 15.88 (5/8)	
	Standard length	m (ft)	5.0 (16.4)	
	Length range (min – max)	m (ft)	5(16.4)~30(98.4)	
	I/D & O/D Height different	m (ft)	20(65.6)	
	Additional Gas Amount	g/m (oz/ft)	25(0.25)	
	Length for Additional Gas	m (ft)	10(32.8)	
Drain Hose	Inner Diameter	mm	16	
	Length	mm	640	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre coated)	
	Fin Type		Louver ⊕ Slit Fin	
	Row x Stage x FPI		2 x 18 x 21	
	Size (W x H x L)	mm	968 x 378 x 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium	
	Fin Type		Louver Fin	
	Row x Stage x FPI		2 x 44 x 19	
	Size (W x H x L)	mm	1169 x 924 x 25.4	
Air Filter	Material		PP,ABS	
	Type		One-touch	
Power Supply			Outdoor	
Power Supply Cord		A	-	
Thermostat			-	
Protection Device			-	
			DRY BULB	WET BULB
Indoor Operation Range	Maximum °C		32	23
	Minimum °C		16	11
Outdoor Operation Range	Maximum °C		43	26
	Minimum °C		16	11

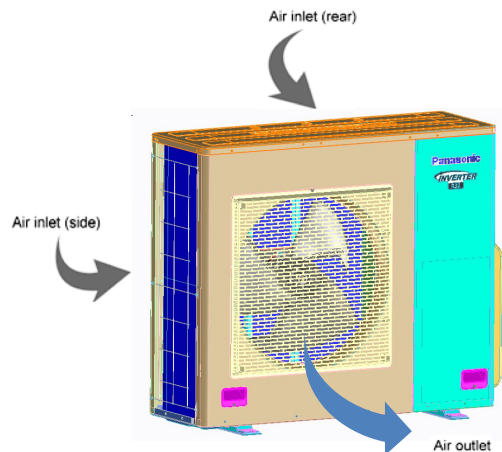
1. Cooling capacities are based on indoor temperature of 27°C DRY BULB (80.6°F DRY BULB), 19.0°C WET BULB (66°F WET BULB) and outdoor air temperature of 35°C DRY BULB (95°F DRY BULB), 24°C WET BULB (75.2°F WET BULB)

3. Location of Controls and Components

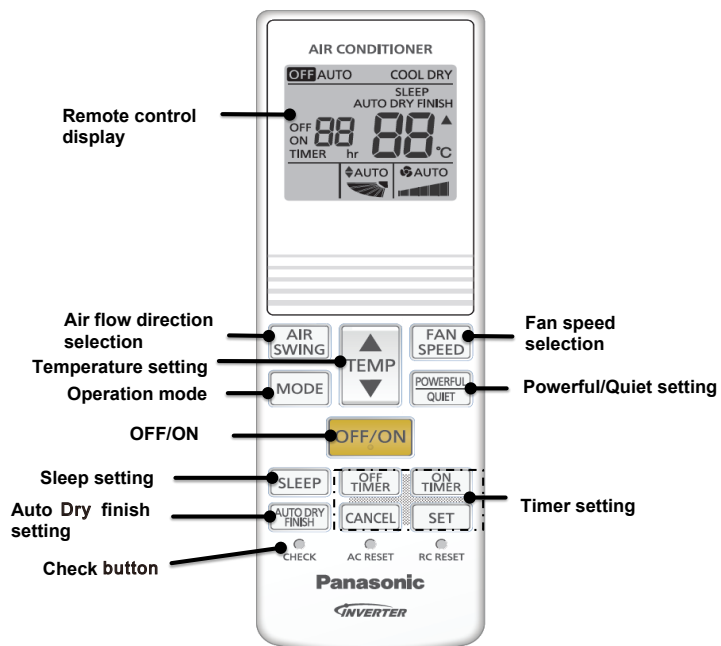
3.1 Indoor Unit



3.2 Outdoor Unit



3.3 Remote Control

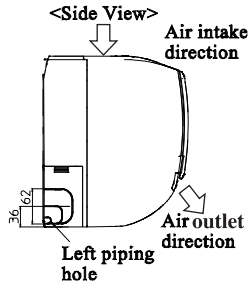


4. Dimensions

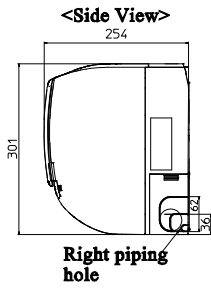
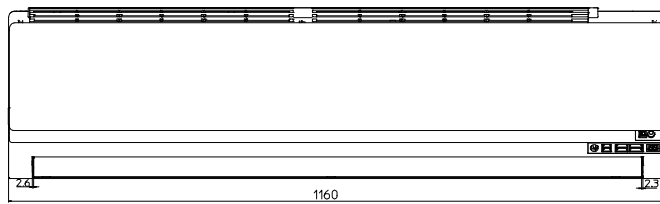
4.1 Indoor Unit

4.1.1 CS-PU36AKV-2

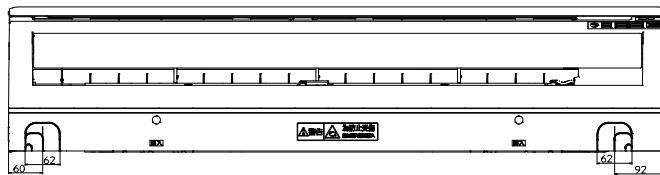
<Top View>



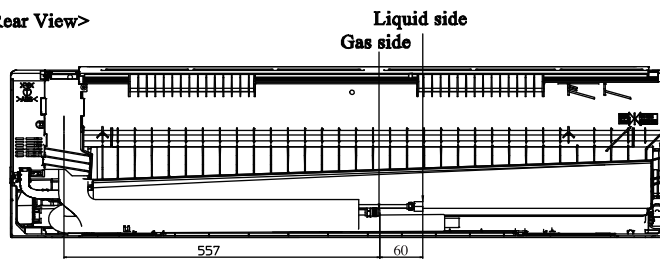
<Front View>



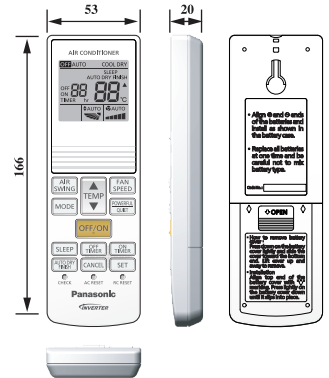
<Bottom View>



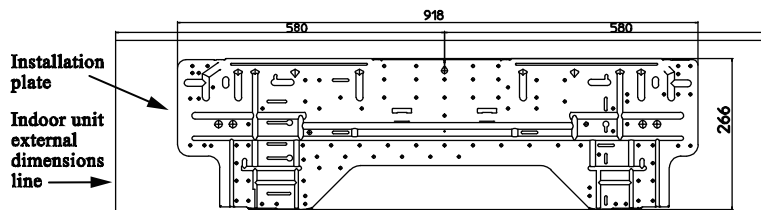
<Rear View>



<Remote Control>



Relative position between the indoor unit and the installation plate <Front View>

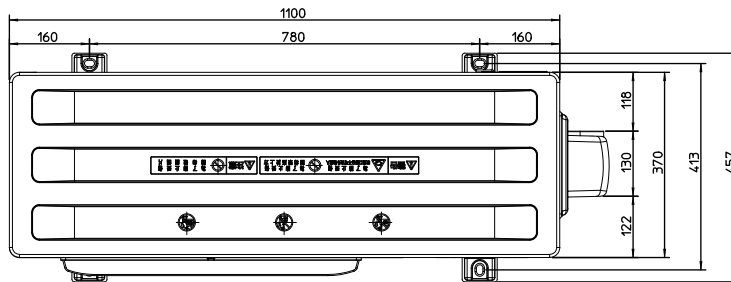


Unit:mm

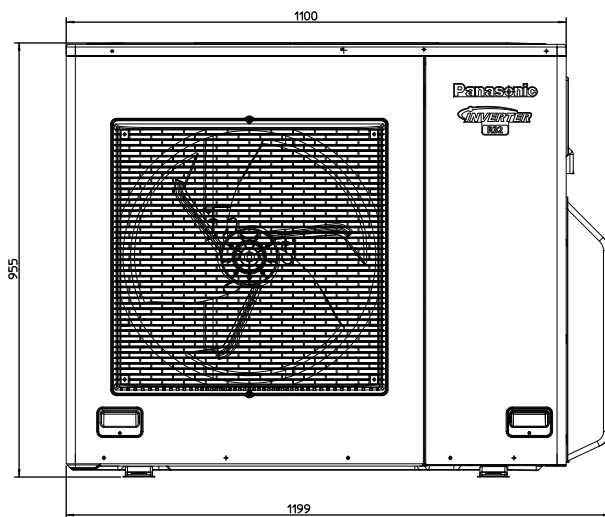
4.2 Outdoor Unit

4.2.1 CU-PU36AKV-2

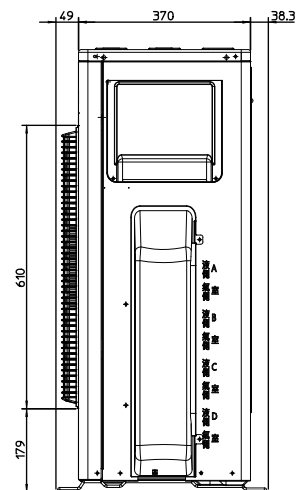
<Top View>



<Front View>



<Side View>



Unit:mm