

Residential Inverter Cooling Only

Indoor Units

RAS-18PKCV-BA/AE/OM/Q

RAS-24PKCV-BA/AE/OM/Q

RAS-30PKCV-BA/AE/OM/Q

RAS-18PKCV2B

RAS-24PKCV2B

RAS-30PKCV2B

Outdoor Units

RAS-18PACV-BA/AE/OM/Q

RAS-24PACV-BA/AE/OM/Q

RAS-30PACV-BA/AE/OM/Q

RAS-18PACV2B

RAS-24PACV2B

RAS-30PACV2B

Contents

1	Line up.	2
2	Specifications	3
3	Dimension	15
4	Wiring diagram	20
5	Refrigerant cycle diagram	22
6	Air speed distribution	25
7	Sound characteristics (NC curve)	28
8	Capacity table	31
9	Part load performance	37
10	Performance Characteristic	46

1. Line up

Outdoor Unit	Indoor Unit	Model Name		Capacity Rank
		CDU	FCU	
 CDU Chassis 18k NADR	 FCU Chassis BF2 with Grille T1	RAS-18PACV*	RAS-18PKCV*	18k
 CDU Chassis 24k 630H		RAS-24PACV*	RAS-24PKCV*	24k
 CDU Chassis 30k 890H		RAS-30PACV*	RAS-30PKCV*	28k

2. Specifications

Unit model		Indoor	RAS-18PKCV-BA		RAS-18PKCV-Q		
		Outdoor	RAS-18PACV-BA		RAS-18PACV-Q		
Cooling capacity			T1		T3		
			5.30		4.55		
(kW)							
Power supply			1Ph,230V,50Hz		1Ph,240V,50Hz		
Electric characteristic	Indoor	Running current	(A)	0.38		0.37	
		Power consupion	(W)	55		55	
		Power factor	(%)	63		62	
	Outdoor	Running current	(A)	6.17	7.92	5.93	7.63
		Power consumption	(W)	1405	1805	1405	1805
		Power factor	(%)	99	99	99	99
		Starting current	(A)	6.55		6.30	
EER			3.63	2.45	3.63	2.45	
Operating noise	Indoor	High	(dB-A)	52		52	
		Medium	(dB-A)	41		41	
		Low	(dB-A)	30		30	
	Outdoor	(dB-A)	50		50		
Indoor unit	Unit model		RAS-18PKCV-BA		RAS-18PKCV-Q		
	Dimension	Height	(mm)	320		320	
		Width	(mm)	1050		1050	
		Depth	(mm)	250		250	
	Net weight		(kg)	14		14	
	Fan motor output		(W)	59		59	
	Air flow rate		(m ³ /min)	19.8		19.8	
Outdoor unit	Unit model		RAS-18PACV-BA		RAS-18PACV-Q		
	Dimension	Height	(mm)	550		550	
		Width	(mm)	780		780	
		Depth	(mm)	290		290	
	Net weight		(kg)	38		38	
	Compressor	Motor output	(W)	900		900	
		Type	Twin rotary type with DC-inverter variable speed control				
		Model	5RS132XCB21				
Fan motor output		(W)	70		70		
Air flow rate		(m ³ /min)	36.4		36.4		
Piping connection	Type		Flare connection		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø 6.35		Ø 6.35	
		Gas side	(mm)	Ø12.70		Ø12.70	
	Outdoor unit	Liquid side	(mm)	Ø 6.35		Ø 6.35	
		Gas side	(mm)	Ø 12.70		Ø 12.70	
	Maximum length		(m)	20		20	
	Maximum chargeless length		(m)	15		15	
Maximum heigth difference		(m)	15		15		
Refrigerant	Name of refrigerant		R410A		R410A		
	Weight		(kg)	1.45		1.45	
Wiring connection	Power supply		3 wires : includes earth (outdoor)				
	Interconnection		4 wires : includes earth				
Usable temperature range		Indoor	(°C)	21 - 54			
		Outdoor	(°C)	- 10 - 46			
Accessory	Indoor unit	Installation plate		1			
		Wireless remote controller		1			
		Batteries		2			
		Remote controller holder		1			
		Active Carbon Catechin		1			
		Mounting screw		6 (Ø4 x 25L)			
		Remote controller holder,Pan head wood screw		2 (Ø3.1 x 16L)			
		Plasma air purifier		-			
		Installation manual		1			
		Owner's manual		1			
	Outdoor unit	Drain nipple		-			
		Water proof rubber cap		-			

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 26 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model	Indoor		RAS-18PKCV2B				
	Outdoor		RAS-18PACV2B				
Cooling capacity			T1		T3		
			(kW)		5.28		
Power supply			1Ph,220-230V,60Hz				
Electric characteristic	Indoor	Running current	(A)	0.39-0.38			
		Power consupion	(W)	55			
		Power factor	(%)	63			
	Outdoor	Running current	(A)	6.46-6.17		8.31-7.92	
		Power consumption	(W)	1405		1805	
		Power factor	(%)	99		99	
		Starting current	(A)	6.85			
EER			3.63		2.44		
Operating noise	Indoor	High	(dB-A)	52			
		Medium	(dB-A)	4			
		Low	(dB-A)	30			
	Outdoor	(dB-A)	50				
Indoor unit	Unit model		RAS-18PKCV-KW				
	Dimension	Height	(mm)	320			
		Width	(mm)	1050			
		Depth	(mm)	250			
	Net weight		(kg)	14			
	Fan motor output		(W)	59			
	Air flow rate		(m³/min)	19.8			
Outdoor unit	Unit model		RAS-18PACV-KW				
	Dimension	Height	(mm)	550			
		Width	(mm)	780			
		Depth	(mm)	290			
	Net weight		(kg)	38			
	Compressor	Motor output	(W)	900			
		Type	Twin rotary type with DC-inverter variable speed control				
		Model	5RS132XCB21				
	Fan motor output		(W)	70			
Air flow rate		(m³/min)	36.4				
Piping connection	Type		Flare connection				
	Indoor unit	Liquid side	(mm)	Ø 6.35			
		Gas side	(mm)	Ø12.70			
	Outdoor unit	Liquid side	(mm)	Ø 6.35			
		Gas side	(mm)	Ø 12.70			
	Maximum length		(m)	20			
	Maximum chargeless length		(m)	15			
	Maximum heigth difference		(m)	15			
Refrigerant	Name of refrigerant		R410A				
	Weight		(kg)	1.45			
Wiring connection	Power supply		3 wires : includes earth (outdoor)				
	Interconnection		4 wires : includes earth				
Usable temperature range		Indoor	(°C)	21 - 54			
		Outdoor	(°C)	- 10 - 46			
Accessory	Indoor unit	Installation plate		1			
		Wireless remote controller		1			
		Batteries		2			
		Remote controller holder		1			
		Active Carbon Catechin		1			
		Mounting screw		6 (Ø4 x 25L)			
		Remote controller holder, Pan head wood screw		2 (Ø3.1 x 16L)			
		Plasma air purifier		-			
		Installation manual		1			
		Owner's manual		1			
	Outdoor unit	Drain nipple		-			
		Water proof rubber cap		-			

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 26 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model		Indoor		RAS-18PKCV-OM					
		Outdoor		RAS-18PACV-OM					
Cooling capacity				T1		T3			
				5.30		4.55			
Power supply				1Ph,220-240V,50Hz					
Electric characteristic	Indoor	Running current		(A)		0.39 - 0.38 - 0.37			
		Power consupcion		(W)		55			
		Power factor		(%)		63			
	Outdoor	Running current		(A)		6.46 - 5.93		8.31 - 7.63	
		Power consumption		(W)		1405		1805	
		Power factor		(%)		99		99	
		Starting current		(A)		6.85			
EER				3.63		2.45			
Operating noise	Indoor	High		(dB-A)		52			
		Medium		(dB-A)		41			
		Low		(dB-A)		30			
	Outdoor		(dB-A)		50				
Indoor unit	Unit model			RAS-18PKCV-OM					
	Dimension	Height		(mm)		320			
		Width		(mm)		1050			
		Depth		(mm)		250			
	Net weight			(kg)		14			
	Fan motor output			(W)		59			
	Air flow rate			(m ³ /min)		19.8			
Outdoor unit	Unit model			RAS-18PACV-OM					
	Dimension	Height		(mm)		550			
		Width		(mm)		780			
		Depth		(mm)		290			
	Net weight			(kg)		38			
	Compressor	Motor output		(W)		900			
		Type		Twin rotary type with DC-inverter variable speed control					
		Model		5RS132XCB21					
	Fan motor output			(W)		70			
Air flow rate			(m ³ /min)		36.4				
Piping connection	Type			Flare connection					
	Indoor unit	Liquid side		(mm)		Ø 6.35			
		Gas side		(mm)		Ø12.70			
	Outdoor unit	Liquid side		(mm)		Ø 6.35			
		Gas side		(mm)		Ø 12.70			
	Maximum length			(m)		20			
	Maximum chargeless length			(m)		15			
Maximum heigth difference			(m)		15				
Refrigerant	Name of refrigerant			R410A					
	Weight			(kg)		1.45			
Wiring connection	Power supply			3 wires : includes earth (outdoor)					
	Interconnection			4 wires : includes earth					
Usable temperature range		Indoor		(°C)		21 - 54			
		Outdoor		(°C)		- 10 - 46			
Accessory	Indoor unit	Installation plate		1					
		Wireless remote controller		1					
		Batteries		2					
		Remote controller holder		1					
		Active Carbon Catechin		1					
		Mounting screw		6 (Ø4 x 25L)					
		Remote controller holder,Pan head wood screw		2 (Ø3.1 x 16L)					
		Plasma air purifier		-					
		Installation manual		1					
	Owner's manual		1						
	Outdoor unit	Drain nipple		-					
		Water proof rubber cap		-					

For performance when each indoor unit is combined with other unit, refer to the separate table.

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T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model		Indoor	RAS-18PKCV-AE		
		Outdoor	RAS-18PACV-AE		
Cooling capacity			T1	T3	
			5.30	4.55	
(kW)					
Power supply			1Ph,220-240V,50Hz		
Electric characteristic	Indoor	Running current	(A)	0.39-0.37	
		Power consumption	(W)	55	
		Power factor	(%)	63	
	Outdoor	Running current	(A)	6.46 - 5.93	8.31 - 7.63
		Power consumption	(W)	1405	1805
		Power factor	(%)	99	99
		Starting current	(A)	6.85	
EER			3.63	2.45	
Operating noise	Indoor	High	(dB-A)	52	
		Medium	(dB-A)	41	
		Low	(dB-A)	30	
	Outdoor	(dB-A)	50		
Indoor unit	Unit model		RAS-18PKCV-AE		
	Dimension	Height	(mm)	320	
		Width	(mm)	1050	
		Depth	(mm)	250	
	Net weight		(kg)	14	
	Fan motor output		(W)	59	
	Air flow rate		(m ³ /min)	19.8	
Outdoor unit	Unit model		RAS-18PACV-AE		
	Dimension	Height	(mm)	550	
		Width	(mm)	780	
		Depth	(mm)	290	
	Net weight		(kg)	38	
	Compressor	Motor output	(W)	900	
		Type	Twin rotary type with DC-inverter variable speed control		
		Model	5RS132XCB21		
	Fan motor output		(W)	70	
Air flow rate		(m ³ /min)	36.4		
Piping connection	Type		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø 6.35	
		Gas side	(mm)	Ø12.70	
	Outdoor unit	Liquid side	(mm)	Ø 6.35	
		Gas side	(mm)	Ø 12.70	
	Maximum length		(m)	20	
	Maximum chargeless length		(m)	15	
Maximum heigth difference		(m)	15		
Refrigerant	Name of refrigerant		R410A		
	Weight		(kg)	1.45	
Wiring connection	Power supply		3 wires : includes earth (outdoor)		
	Interconnection		4 wires : includes earth		
Usable temperature range		Indoor	(°C)	21 - 54	
		Outdoor	(°C)	- 10 - 46	
Accessory	Indoor unit	Installation plate	1		
		Wireless remote controller	1		
		Batteries	2		
		Remote controller holder	1		
		Active Carbon Catechin	1		
		Mounting screw	6 (Ø4 x 25L)		
		Remote controller holder, Pan head wood screw	2 (Ø3.1 x 16L)		
		Plasma air purifier	-		
		Installation manual	1		
		Owner's manual	1		
	Outdoor unit	Drain nipple	-		
		Water proof rubber cap	-		

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model		Indoor	RAS-24PKCV-BA		RAS-24PKCV-Q		
		Outdoor	RAS-24PACV-BA		RAS-24PACV-Q		
Cooling capacity			T1		T3		
			(kW)		6.50	5.68	6.50
Power supply			1Ph,230V,50Hz		1Ph,240V,50Hz		
Electric characteristic	Indoor	Running current	(A)	0.38		0.37	
		Power consupcion	(W)	55		55	
		Power factor	(%)	63		63	
	Outdoor	Running current	(A)	7.77	9.92	7.43	9.53
		Power consumption	(W)	1765	2265	1765	2265
		Power factor	(%)	99	99	99	99
		Starting current	(A)	8.15		7.80	
EER			3.57	2.45	3.57	2.45	
Operating noise	Indoor	High	(dB-A)	53		53	
		Medium	(dB-A)	47		47	
		Low	(dB-A)	39		39	
	Outdoor		(dB-A)	53		53	
Indoor unit	Unit model		RAS-24PKCV-BA		RAS-24PKCV-Q		
	Dimension	Height	(mm)	320		320	
		Width	(mm)	1050		1050	
		Depth	(mm)	250		250	
	Net weight		(kg)	16		16	
	Fan motor output		(W)	59		59	
	Air flow rate		(m³/min)	23.3		23.3	
Outdoor unit	Unit model		RAS-24PACV-BA		RAS-24PACV-Q		
	Dimension	Height	(mm)	630		630	
		Width	(mm)	800		800	
		Depth	(mm)	300		300	
	Net weight		(kg)	46		46	
	Compressor	Motor output	(W)	1500		1500	
		Type	Twin rotary type with DC-inverter variable speed control				
		Model	NA220A1F-20N				
	Fan motor output		(W)	70		70	
Air flow rate		(m³/min)	48.6		48.6		
Piping connection	Type		Flare connection		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø 6.35		Ø 6.35	
		Gas side	(mm)	Ø15.88		Ø15.88	
	Outdoor unit	Liquid side	(mm)	Ø 6.35		Ø 6.35	
		Gas side	(mm)	Ø 15.88		Ø 15.88	
	Maximum length		(m)	25		25	
	Maximum chargeless length		(m)	15		15	
Maximum heigth difference		(m)	15		15		
Refrigerant	Name of refrigerant		R410A		R410A		
	Weight		(kg)	2.00		2.00	
Wiring connection	Power supply		4 wires : includes earth (outdoor)				
	Interconnection		4 wires : includes earth				
Usable temperature range		Indoor	(°C)	21 - 32			
		Outdoor	(°C)	21 - 54			
Accessory	Indoor unit	Installation plate		1			
		Wireless remote controller		1			
		Batteries		2			
		Remote controller holder		1			
		Active Carbon Catechin		1			
		Mounting screw		6 (Ø4 x 25L)			
		Remote controller holder,Pan head wood screw		2 (Ø3.1 x 16L)			
		Plasma air purifier		-			
		Installation manual		1			
		Owner's manual		1			
	Outdoor unit	Drain nipple		-			
		Water proof rubber cap		-			

For performance when each indoor unit is combined with other unit, refer to the separate table.

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T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model	Indoor		RAS-24PKCV2B	
	Outdoor		RAS-24PACV2B	
Cooling capacity			T1	T3
			6.48	
Power supply			1Ph,220-230V,60Hz	
Electric characteristic	Indoor	Running current (A)	0.39-0.38	
		Power consupion (W)	55	
		Power factor (%)	63	
	Outdoor	Running current (A)	8.15-7.77	10.41-9.92
		Power consumption (W)	1775	1775
		Power factor (%)	99	99
		Starting current (A)	8.50	
EER			3.57	2.45
Operating noise	Indoor	High (dB-A)	53	
		Medium (dB-A)	47	
		Low (dB-A)	39	
	Outdoor (dB-A)		53	
Indoor unit	Unit model		RAS-24PKCV2B	
	Dimension	Height (mm)	320	
		Width (mm)	1050	
		Depth (mm)	250	
	Net weight (kg)		16	
	Fan motor output (W)		59	
	Air flow rate (m³/min)		23.3	
Outdoor unit	Unit model		RAS-24PACV2B	
	Dimension	Height (mm)	630	
		Width (mm)	800	
		Depth (mm)	300	
	Net weight (kg)		46	
	Compressor	Motor output (W)	1500	
		Type	Twin rotary type with DC-inverter variable speed control	
		Model	NA220A1F-20N	
	Fan motor output (W)		70	
Air flow rate (m³/min)		48.6		
Piping connection	Type		Flare connection	
	Indoor unit	Liquid side (mm)	Ø 6.35	
		Gas side (mm)	Ø 15.88	
	Outdoor unit	Liquid side (mm)	Ø 6.35	
		Gas side (mm)	Ø 15.88	
	Maximum length (m)		25	
	Maximum chargeless length (m)		15	
Maximum heigth difference (m)		15		
Refrigerant	Name of refrigerant		R410A	
	Weight (kg)		2.00	
Wiring connection	Power supply		4 wires : includes earth (outdoor)	
	Interconnection		4 wires : includes earth	
Usable temperature range		Indoor (° C)	21 - 32	
		Outdoor (° C)	21 - 54	
Accessory	Indoor unit	Installation plate	1	
		Wireless remote controller	1	
		Batteries	2	
		Remote controller holder	1	
		Active Carbon Catechin	1	
		Mounting screw	6 (Ø4 x 25L)	
		Remote controller holder,Pan head wood screw	2 (Ø3.1 x 16L)	
		Plasma air purifier	-	
		Installation manual	1	
		Owner's manual	1	
	Outdoor unit	Drain nipple	-	
		Water proof rubber cap	-	

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model		Indoor		RAS-24PKCV-OM					
		Outdoor		RAS-24PACV-OM					
Cooling capacity				T1		T3			
				(kW)				6.50	
Power supply				1Ph,220-240V,50Hz					
Electric characteristic	Indoor	Running current		(A)		0.39-0.37			
		Power consupction		(W)		55			
		Power factor		(%)		63			
	Outdoor	Running current		(A)		8.11-7.43		10.41-9.52	
		Power consumption		(W)		1765		2265	
		Power factor		(%)		99		99	
		Starting current		(A)		8.50			
EER				3.57		2.45			
Operating noise	Indoor	High		(dB-A)		53			
		Medium		(dB-A)		47			
		Low		(dB-A)		39			
	Outdoor		(dB-A)		59				
Indoor unit	Unit model			RAS-24PKCV-OM					
	Dimension	Height		(mm)		320			
		Width		(mm)		1050			
		Depth		(mm)		250			
	Net weight		(kg)		16				
	Fan motor output		(W)		59				
	Air flow rate		(m ³ /min)		23.3				
Outdoor unit	Unit model			RAS-24PACV-OM					
	Dimension	Height		(mm)		630			
		Width		(mm)		800			
		Depth		(mm)		300			
	Net weight		(kg)		46				
	Compressor	Motor output		(W)		1500			
		Type		Twin rotary type with DC-inverter variable speed control					
		Model		NA220A1F-20N					
	Fan motor output		(W)		70				
Air flow rate		(m ³ /min)		48.6					
Piping connection	Type			Flare connection					
	Indoor unit	Liquid side		(mm)		Ø 6.35			
		Gas side		(mm)		Ø15.88			
	Outdoor unit	Liquid side		(mm)		Ø6.35			
		Gas side		(mm)		Ø 15.88			
	Maximum length		(m)		25				
	Maximum chargeless length		(m)		15				
Maximum heigth difference		(m)		15					
Refrigerant	Name of refrigerant			R410A					
	Weight		(kg)		2.00				
Wiring connection	Power supply			3 Wires:includes earth(Outdoor)					
	Interconnection			4 Wires:includes earth					
Usable temperature range		Indoor		(°C)		21-32			
		Outdoor		(°C)		21-54			
Accessory	Indoor unit	Installation plate		1					
		Wireless remote controller		1					
		Batteries		2					
		Remote controller holder		1					
		Active Carbon Catechin		1					
		Mounting screw		6 (Ø4 x 25L)					
		Remote controller holder,Pan head wood screw		2 (Ø3.1 x 16L)					
		Plasma air purifier		-					
		Installation manual		1					
		Owner's manual		1					
	Outdoor unit	Drain nipple		-					
		Water proof rubber cap		-					

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model		Indoor	RAS-24PKCV-AE	
		Outdoor	RAS-24PACV-AE	
Cooling capacity			T1	T3
(kW)			6.50	5.68
Power supply			1Ph,220-240V,50Hz	
Electric characteristic	Indoor	Running current	(A) 0.39-0.37	
		Power consupcion	(W) 55	
		Power factor	63 (%)	
	Outdoor	Running current	(A) 8.11-7.43 10.41-9.52	
		Power consumption	(W) 1765 2265	
		Power factor	(%) 99 99	
		Starting current	(A) 8.50	
EER			3.57	2.45
Operating noise	Indoor	High	(dB-A) 53	
		Medium	(dB-A) 47	
		Low	(dB-A) 39	
	Outdoor	(dB-A) 59		
Indoor unit	Unit model		RAS-24PKCV-AE	
	Dimension	Height	(mm) 320	
		Width	(mm) 1050	
		Depth	(mm) 250	
	Net weight		(kg) 16	
	Fan motor output		(W) 59	
	Air flow rate		(m³/min) 23.3	
Outdoor unit	Unit model		RAS-24PACV-AE	
	Dimension	Height	(mm) 630	
		Width	(mm) 800	
		Depth	(mm) 300	
	Net weight		(kg) 46	
	Compressor	Motor output	(W) 1500	
		Type	Twin rotary type with DC-inverter variable speed control	
		Model	NA220A1F-20N	
	Fan motor output		(W) 70	
Air flow rate		(m³/min) 48.6		
Piping connection	Type		Flare connection	
	Indoor unit	Liquid side	(mm) Ø 6.35	
		Gas side	(mm) Ø15.88	
	Outdoor unit	Liquid side	(mm) Ø 6.35	
		Gas side	(mm) Ø 15.88	
	Maximum length		(m) 25	
	Maximum chargeless length		(m) 15	
Maximum heigth difference		(m) 15		
Refrigerant	Name of refrigerant		R410A	
	Weight		(kg) 2.00	
Wiring connection	Power supply		4 wires : includes earth (outdoor)	
	Interconnection		4 wires : includes earth	
Usable temperature range		Indoor	(°C) 21-32	
		Outdoor	(°C) 21-54	
Accessory	Indoor unit	Installation plate	1	
		Wireless remote controller	1	
		Batteries	2	
		Remote controller holder	1	
		Active Carbon Catechin	1	
		Mounting screw	6 (Ø4 x 25L)	
		Remote controller holder, Pan head wood screw	2 (Ø3.1 x 16L)	
		Plasma air purifier	-	
		Installation manual	1	
		Owner's manual	1	
	Outdoor unit	Drain nipple	-	
		Water proof rubber cap	-	

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model	Indoor		RAS-30PKCV-BA		RAS-30PKCV-Q		
	Outdoor		RAS-30PACV-BA		RAS-30PACV-Q		
Cooling capacity			T1		T3		
			(kW)		(kW)		
Power supply			1Ph,230V,50Hz		1Ph,240V,50Hz		
Electric characteristic	Indoor	Running current	(A)	0.38		0.37	
		Power consumption	(W)	55		55	
		Power factor	(%)	63		63	
	Outdoor	Running current	(A)	9.22	11.22	8.85	10.79
		Power consumption	(W)	2025	2515	2025	2515
		Power factor	(%)	95	97	95	97
		Starting current	(A)	9.6		9.22	
EER			3.56	2.49	3.56	2.49	
Operating noise	Indoor	High	(dB-A)	54		54	
		Medium	(dB-A)	47		47	
		Low	(dB-A)	41		41	
	Outdoor		(dB-A)	57		57	
Indoor unit	Unit model		RAS-30PKCV-BA		RAS-30PKCV-Q		
	Dimension	Height	(mm)	320		320	
		Width	(mm)	1050		1050	
		Depth	(mm)	250		250	
	Net weight		(kg)	16		16	
	Fan motor output		(W)	59		59	
	Air flow rate		(m³/min)	22.2		22.2	
Outdoor unit	Unit model		RAS-30PACV-BA		RAS-30PACV-Q		
	Dimension	Height	(mm)	890		890	
		Width	(mm)	900		900	
		Depth	(mm)	320		320	
	Net weight		(kg)	67		67	
	Compressor	Motor output	(W)	2200		2200	
		Type		Twin rotary type with DC-inverter variable speed control			
		Model		DA270A2T-20LD			
	Fan motor output		(W)	100		100	
Air flow rate		(m³/min)	54		54		
Piping connection	Type		Flare connection		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø 9.52		Ø 9.52	
		Gas side	(mm)	Ø15.88		Ø15.88	
	Outdoor unit	Liquid side	(mm)	Ø 9.52		Ø 9.52	
		Gas side	(mm)	Ø 15.88		Ø 15.88	
	Maximum length		(m)	30		30	
	Maximum chargeless length		(m)	15		15	
Maximum heigth difference		(m)	20		20		
Refrigerant	Name of refrigerant		R410A		R410A		
	Weight		(kg)	2.35		2.35	
Wiring connection	Power supply		3 wires : includes earth (outdoor)				
	Interconnection		4 wires : includes earth				
Usable temperature range			Indoor		21 - 32		
			Outdoor		- 10 - 54		
Accessory	Indoor unit	Installation plate	1				
		Wireless remote controller	1				
		Batteries	2				
		Remote controller holder	1				
		Active Carbon Catechin	-				
		Mounting screw	6 (Ø4 x 25L)				
		Remote controller holder, Pan head wood screw	2 (Ø3.1 x 16L)				
		Plasma air purifier	-				
		Installation manual	1				
		Owner's manual	1				
	Outdoor unit	Drain nipple	-				
		Water proof rubber cap	-				

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model		Indoor	RAS-30PKCV2B		
		Outdoor	RAS-30PACV2B		
Cooling capacity			T1	T3	
			7.40	6.42	
(kW)					
Power supply			1Ph,220-230V,60Hz		
Electric characteristic	Indoor	Running current	(A)	0.39-0.38	
		Power consumption	(W)	55	
		Power factor	(%)	63	
	Outdoor	Running current	(A)	9.71-9.25	11.81-11.27
		Power consumption	(W)	2030	2525
		Power factor	(%)	95	97
		Starting current	(A)	10.10	
EER			3.55	2.49	
Operating noise	Indoor	High	(dB-A)	54	
		Medium	(dB-A)	47	
		Low	(dB-A)	41	
	Outdoor	(dB-A)	57		
Indoor unit	Unit model		RAS-30PKCV2B		
	Dimension	Height	(mm)	320	
		Width	(mm)	1050	
		Depth	(mm)	250	
	Net weight		(kg)	16	
	Fan motor output		(W)	59	
	Air flow rate		(m³/min)	22.2	
Outdoor unit	Unit model		RAS-30PACV2B		
	Dimension	Height	(mm)	890	
		Width	(mm)	900	
		Depth	(mm)	320	
	Net weight		(kg)	67	
	Compressor	Motor output	(W)	2200	
		Type	Twin rotary type with DC-inverter variable speed control		
		Model	DA270A2T-20LD		
	Fan motor output		(W)	100	
Air flow rate		(m³/min)	54.0		
Piping connection	Type		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø 9.52	
		Gas side	(mm)	Ø15.88	
	Outdoor unit	Liquid side	(mm)	Ø 9.52	
		Gas side	(mm)	Ø 15.88	
	Maximum length		(m)	30	
	Maximum chargeless length		(m)	15	
Maximum heigth difference		(m)	20		
Refrigerant	Name of refrigerant		R410A		
	Weight		(kg)	2.35	
Wiring connection	Power supply		3 wires : includes earth (outdoor)		
	Interconnection		4 wires : includes earth		
Usable temperature range		Indoor	(°C)	21-32	
		Outdoor	(°C)	21-54	
Accessory	Indoor unit	Installation plate	1		
		Wireless remote controller	1		
		Batteries	2		
		Remote controller holder	1		
		Active Carbon Catechin	-		
		Mounting screw	6 (Ø4 x 25L)		
		Remote controller holder,Pan head wood screw	2 (Ø3.1 x 16L)		
		Plasma air purifier	-		
		Installation manual	1		
		Owner's manual	1		
	Outdoor unit	Drain nipple	-		
		Water proof rubber cap	-		

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model	Indoor		RAS-30PKCV-OM		
	Outdoor		RAS-30PACV-OM		
Cooling capacity (kW)			T1	T3	
			7.40	6.40	
Power supply			1Ph,220-240V,50Hz		
Electric characteristic	Indoor	Running current	(A)	0.39-0.37	
		Power consumption	(W)	55	
		Power factor	(%)	63	
	Outdoor	Running current	(A)	9.71-8.85	11.81-10.79
		Power consumption	(W)	2025	2515
		Power factor	(%)	95	97
		Starting current	(A)	1.10	
EER			3.56	2.49	
Operating noise	Indoor	High	(dB-A)	54	
		Medium	(dB-A)	47	
		Low	(dB-A)	41	
	Outdoor	(dB-A)	57		
Indoor unit	Unit model		RAS-30PKCV-OM		
	Dimension	Height	(mm)	320	
		Width	(mm)	1050	
		Depth	(mm)	250	
	Net weight		(kg)	16	
	Fan motor output		(W)	59	
	Air flow rate		(m³/min)	22.2	
Outdoor unit	Unit model		RAS-30PACV-OM		
	Dimension	Height	(mm)	890	
		Width	(mm)	900	
		Depth	(mm)	320	
	Net weight		(kg)	67	
	Compressor	Motor output	(W)	2200	
		Type	Twin rotary type with DC-inverter variable speed control		
		Model	DA270A2T-20LD		
	Fan motor output		(W)	100	
	Air flow rate		(m³/min)	54.0	
Piping connection	Type		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø 9.52	
		Gas side	(mm)	Ø15.88	
	Outdoor unit	Liquid side	(mm)	Ø 9.52	
		Gas side	(mm)	Ø 15.88	
	Maximum length		(m)	30	
	Maximum chargeless length		(m)	15	
Maximum heigh difference		(m)	20		
Refrigerant	Name of refrigerant		R410A		
	Weight		(kg)	2.35	
Wiring connection	Power supply		3 Wires:includes earth(Outdoor)		
	Interconnection		4 Wires:includes earth		
Usable temperature range		Indoor	(°C)	21-32	
		Outdoor	(°C)	21-54	
Accessory	Indoor unit	Installation plate	1		
		Wireless remote controller	1		
		Batteries	2		
		Remote controller holder	1		
		Active Carbon Catechin	-		
		Mounting screw	6 (Ø 4 x 25L)		
		Remote controller holder,Pan head wood screw	2 (Ø 3.1 x 16L)		
		Plasma air purifier	-		
		Installation manual	1		
		Owner's manual	1		
	Outdoor unit	Drain nipple	-		
		Water proof rubber cap	-		

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Unit model	Indoor		RAS-30PKCV-AE		
	Outdoor		RAS-30PACV-AE		
Cooling capacity			T1	T3	
			7.40	6.40	
Power supply			1Ph,220-240V,50Hz		
Electric characteristic	Indoor	Running current	(A)	0.39-0.37	
		Power consupcion	(W)	55	
		Power factor	(%)	63	
	Outdoor	Running current	(A)	9.71-8.85	11.81-10.79
		Power consumption	(W)	2025	2515
		Power factor	(%)	95	97
		Starting current	(A)	1.10	
EER			3.56	2.49	
Operating noise	Indoor	High	(dB-A)	54	
		Medium	(dB-A)	47	
		Low	(dB-A)	41	
	Outdoor	(dB-A)	57		
Indoor unit	Unit model		RAS-30PKCV-AE		
	Dimension	Height	(mm)	320	
		Width	(mm)	1050	
		Depth	(mm)	250	
	Net weight		(kg)	16	
	Fan motor output		(W)	59	
	Air flow rate		(m³/min)	22.2	
Outdoor unit	Unit model		RAS-30PACV-AE		
	Dimension	Height	(mm)	890	
		Width	(mm)	900	
		Depth	(mm)	320	
	Net weight		(kg)	67	
	Compressor	Motor output	(W)	2200	
		Type	Twin rotary type with DC-inverter variable speed control		
		Model	DA270A2T-20LD		
	Fan motor output		(W)	100	
	Air flow rate		(m³/min)	54.0	
Piping connection	Type		Flare connection		
	Indoor unit	Liquid side	(mm)	Ø9.52	
		Gas side	(mm)	Ø15.88	
	Outdoor unit	Liquid side	(mm)	Ø9.52	
		Gas side	(mm)	Ø15.88	
	Maximum length		(m)	30	
	Maximum chargeless length		(m)	15	
Maximum heigth difference		(m)	20		
Refrigerant	Name of refrigerant		R410A		
	Weight		(kg)	2.35	
Wiring connection	Power supply		3 Wires:includes earth(Outdoor)		
	Interconnection		4 Wires:includes earth		
Usable temperature range		Indoor	(°C)	21-32	
		Outdoor	(°C)	21-54	
Accessory	Indoor unit	Installation plate	1		
		Wireless remote controller	1		
		Batteries	2		
		Remote controller holder	1		
		Active Carbon Catechin	-		
		Mounting screw	6 (Ø4 x 25L)		
		Remote controller holder,Pan head wood screw	2 (Ø3.1 x 16L)		
		Plasma air purifier	-		
		Installation manual	1		
		Owner's manual	1		
	Outdoor unit	Drain nipple	-		
		Water proof rubber cap	-		

For performance when each indoor unit is combined with other unit, refer to the separate table.

* The specifications may be subject to change without notice for purpose of improvement.

T1 :Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

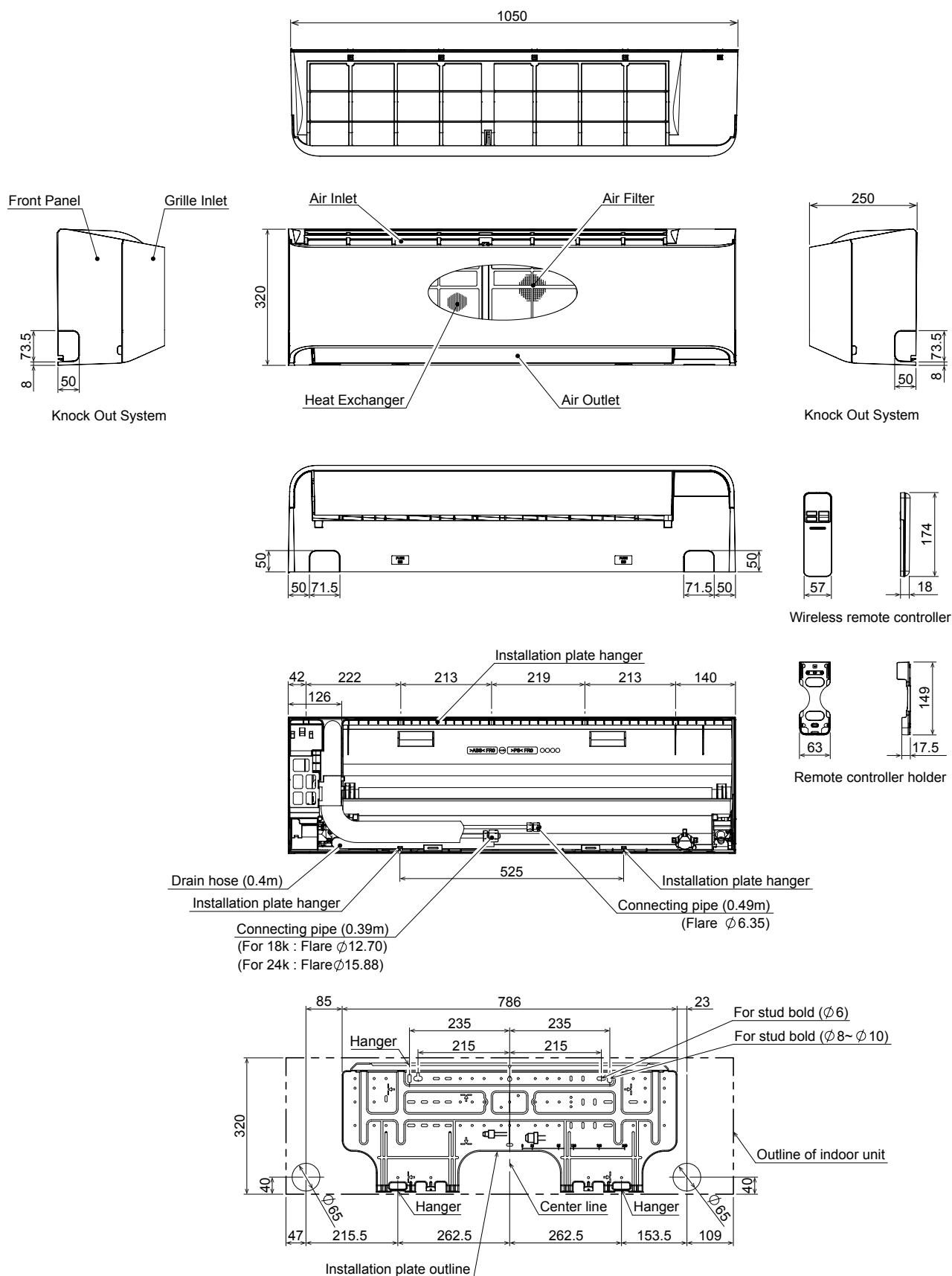
T3 :Capacity test condition, inside : 29 °C (Db) / 19 °C (Wb), outside : 46 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

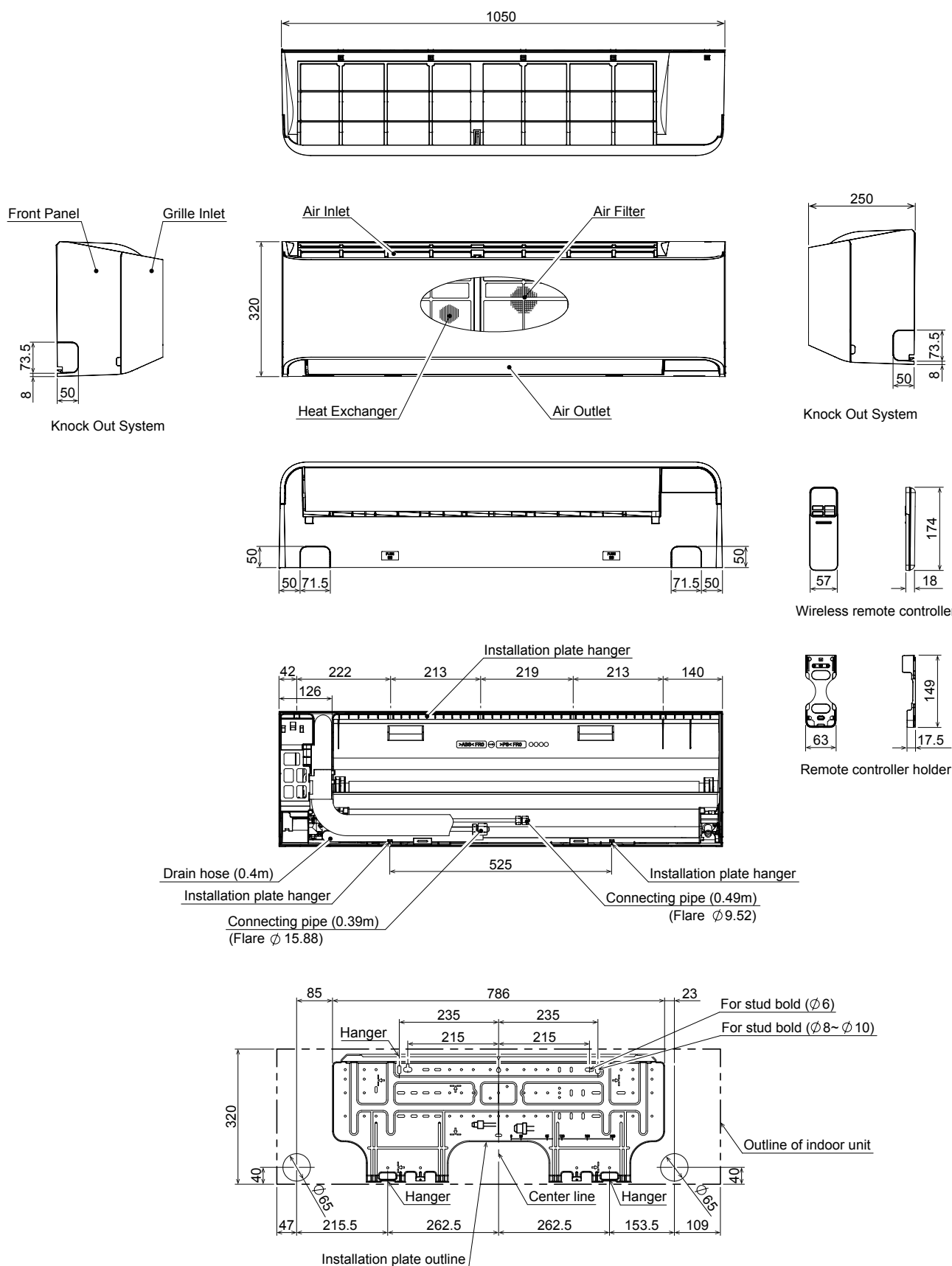
3. Dimension

Indoor unit : RAS-18PKCV2B / 18PKCV-BA,Q,OM, AE

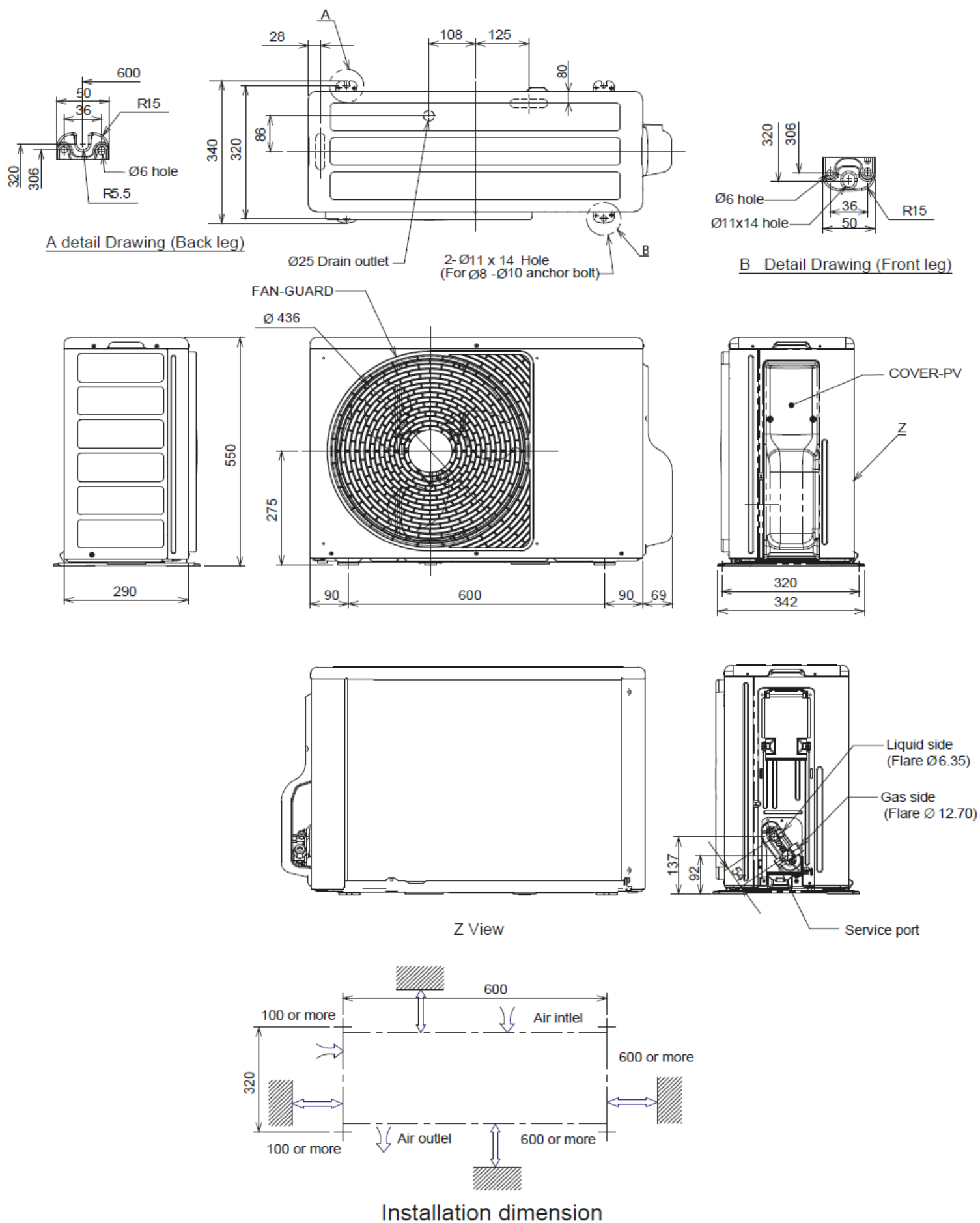
Indoor unit : RAS-24PKCV2B / 24PKCV-BA,Q,OM, AE



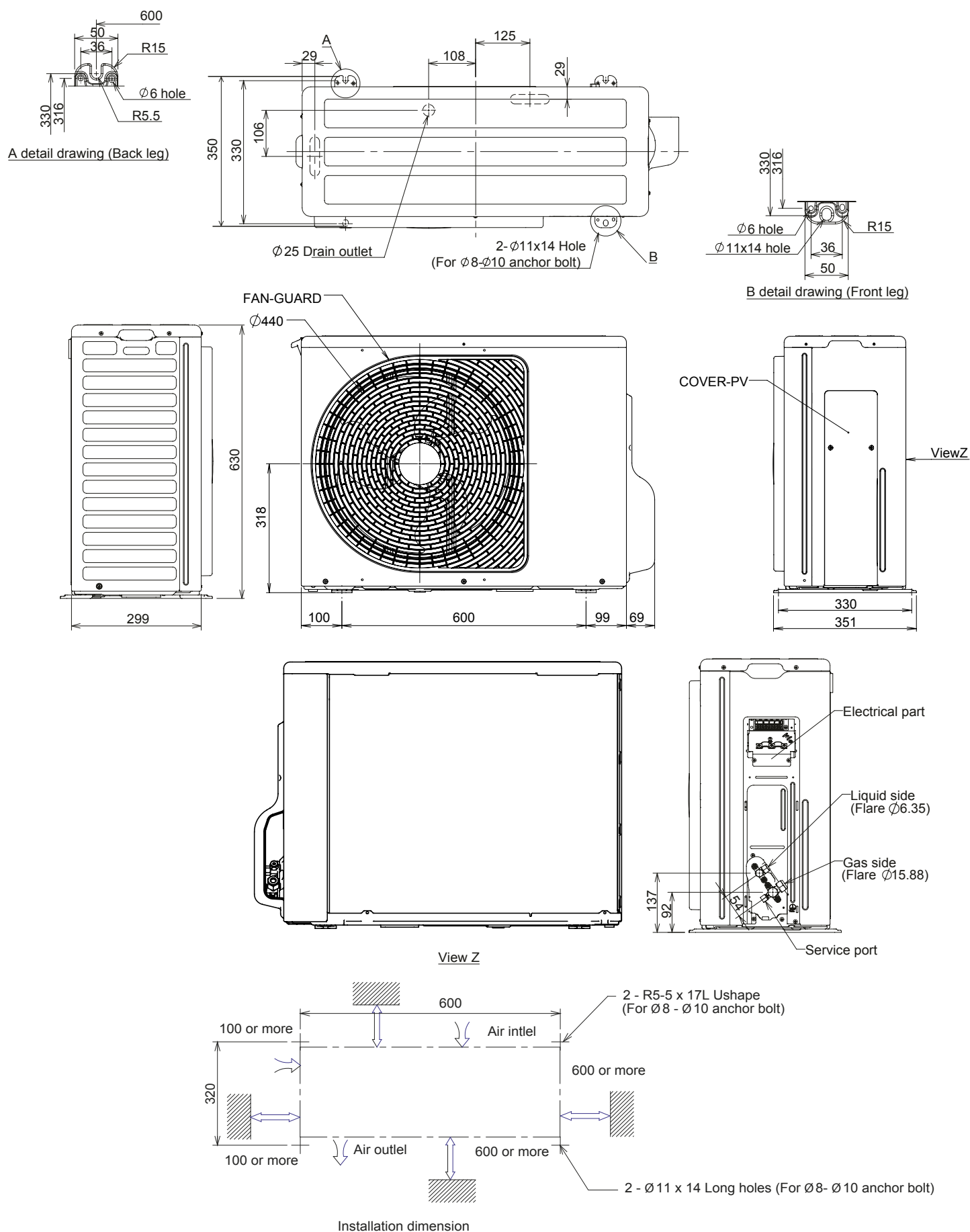
Indoor unit : RAS-30PKCV2B / 30PKCV-BA,Q,OM, AE



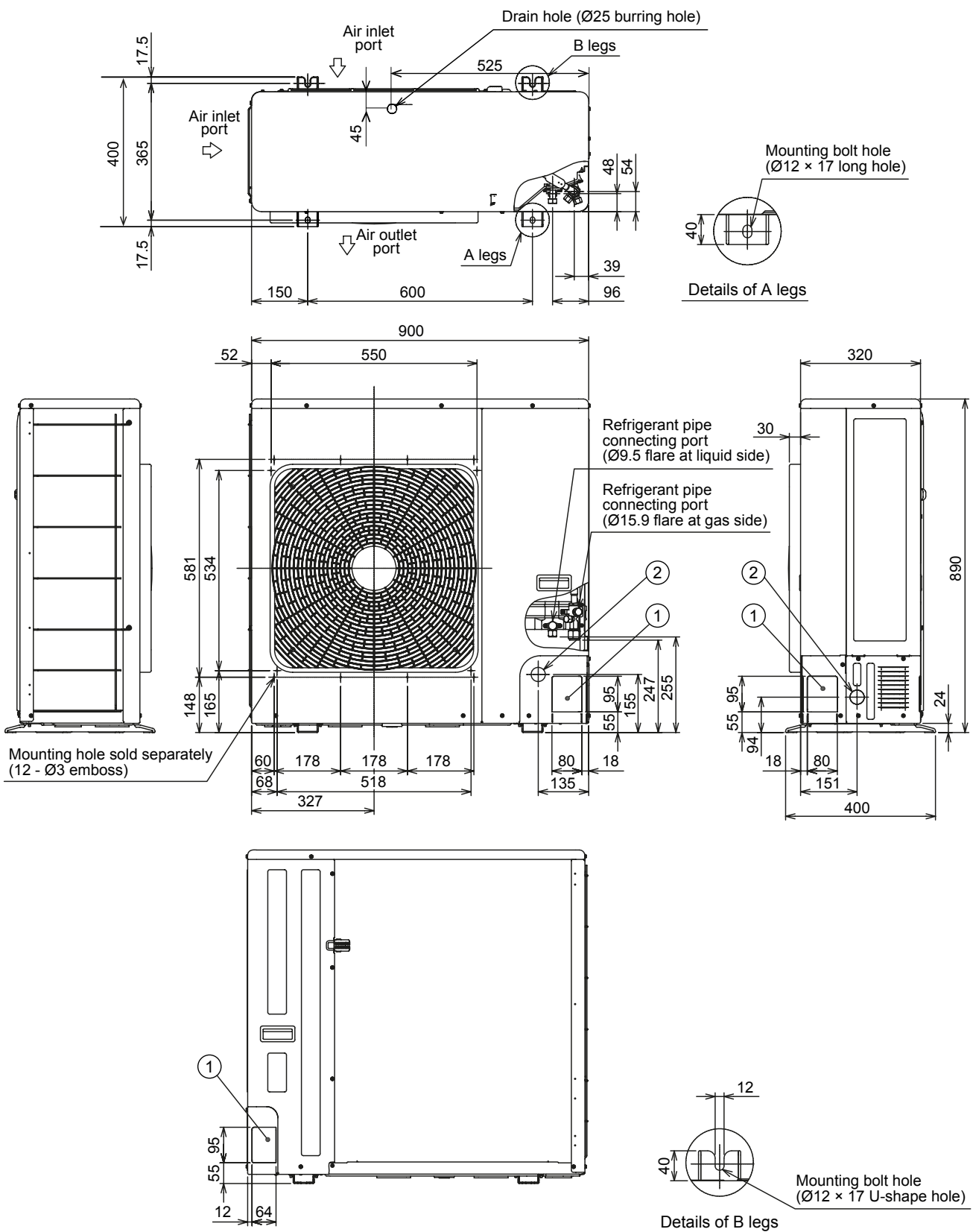
Outdoor unit : RAS-18PACV2B / 18PKCV-BA,Q,OM, AE



Outdoor unit : RAS-24PACV2B / 25PKCV-BA,Q,OM,AE



Outdoor unit : RAS-30PACV2B / 30PKCV-BA,Q,OM,AE



	Name	Note
①	Refrigerant piping hole Indoor/Outdoor unit connecting wire inlet hole	—
②	Power supply inlet hole	Ø38 Knockout hole

Unit : mm

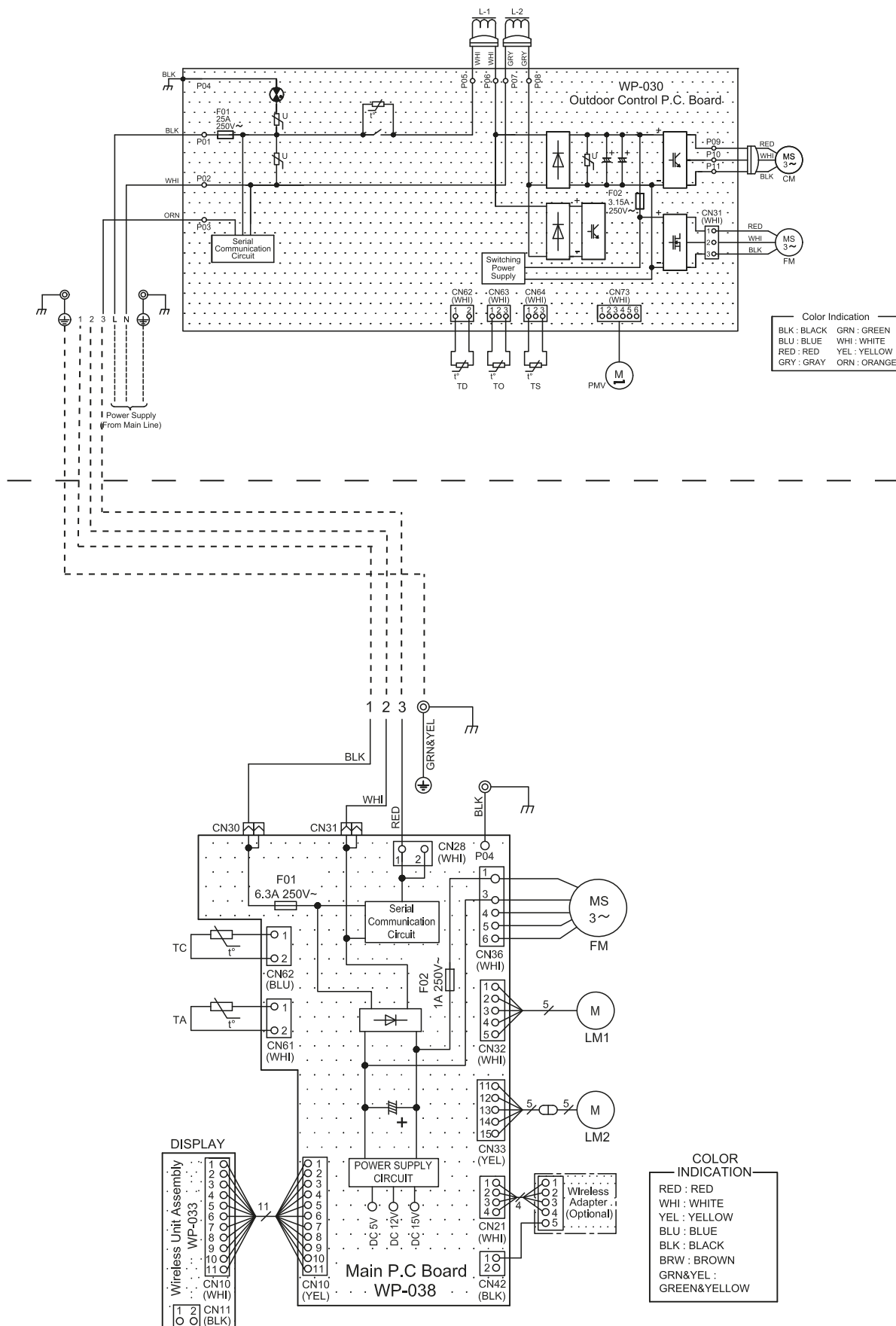
4. Wiring diagrams

RAS-18PKCV / RAS-18PACV-BA,Q,OM,ME

RAS-18PKCV2B / RAS-18PACV2B

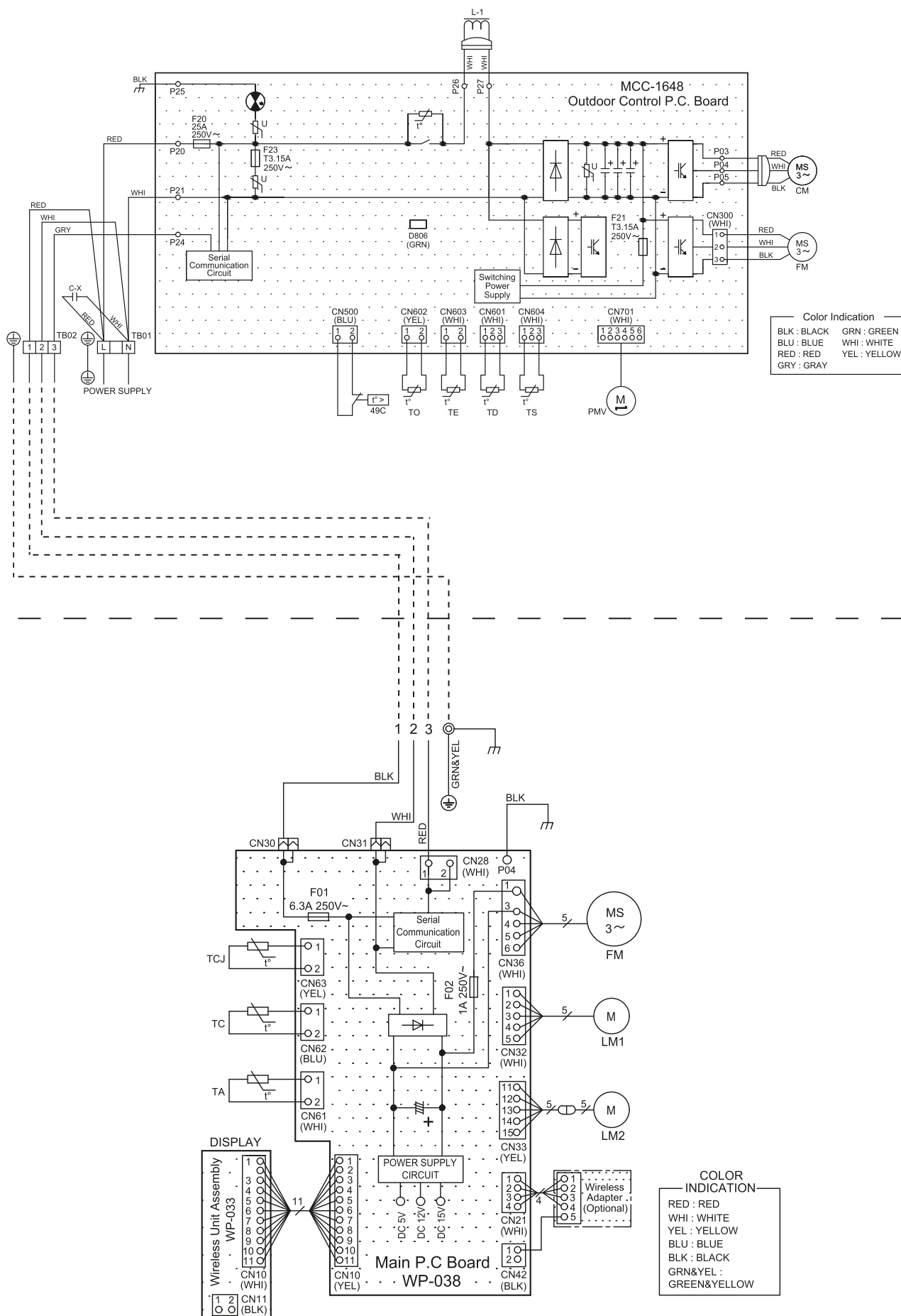
RAS-24PKCV / RAS-24PACV-BA,Q,OM,ME

RAS-24PKCV2B / RAS-24PACV2B



RAS-30PKCV / RAS-30PACV-BA,Q,OM,ME

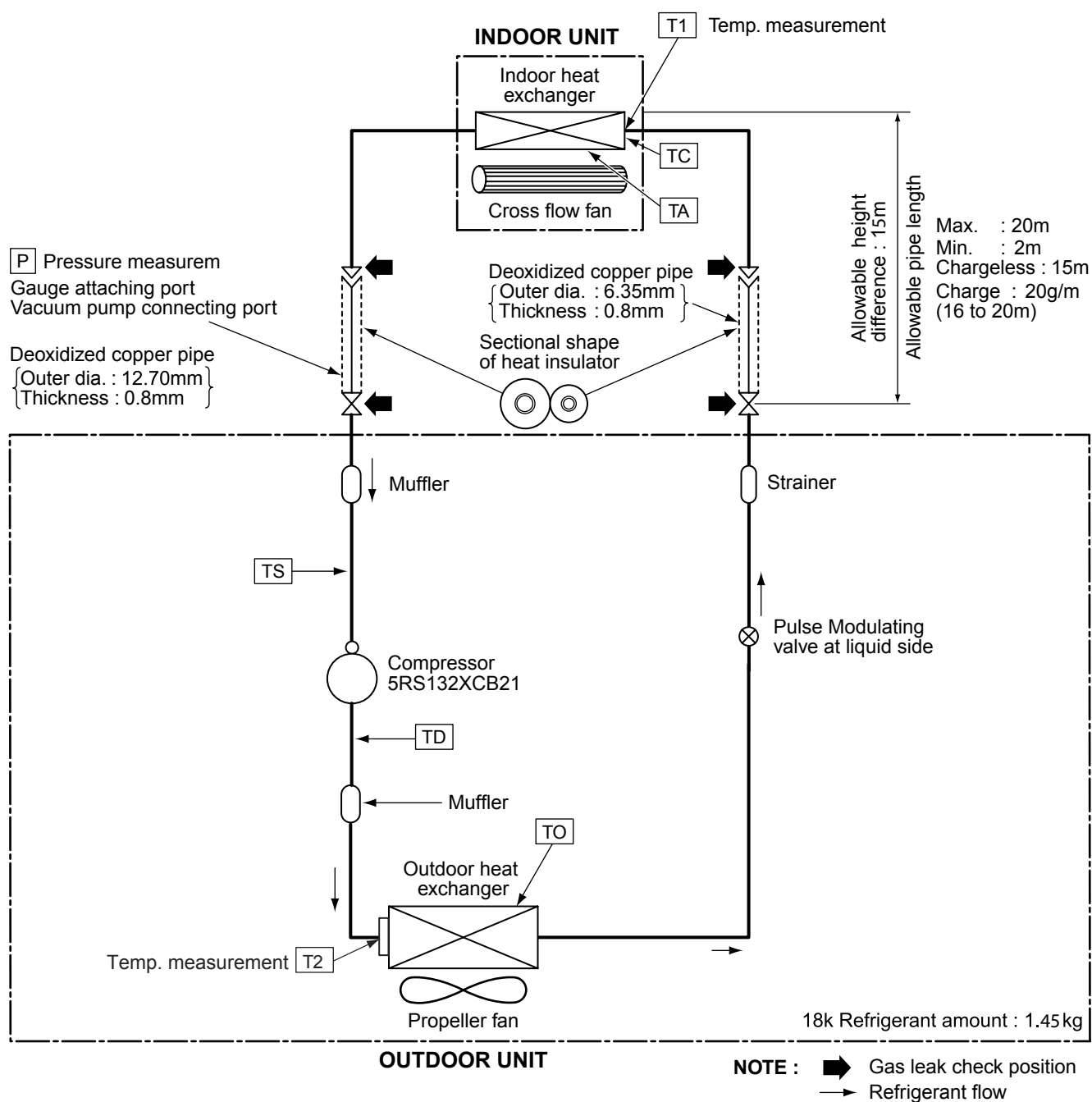
RAS-30PKCV2B / RAS-30PACV2B



5. Refrigerant Cycle Diagram

RAS-18PKCV / RAS-18PACV-BA,Q,OM

RAS-18PKCV2B / RAS-18PACV2B

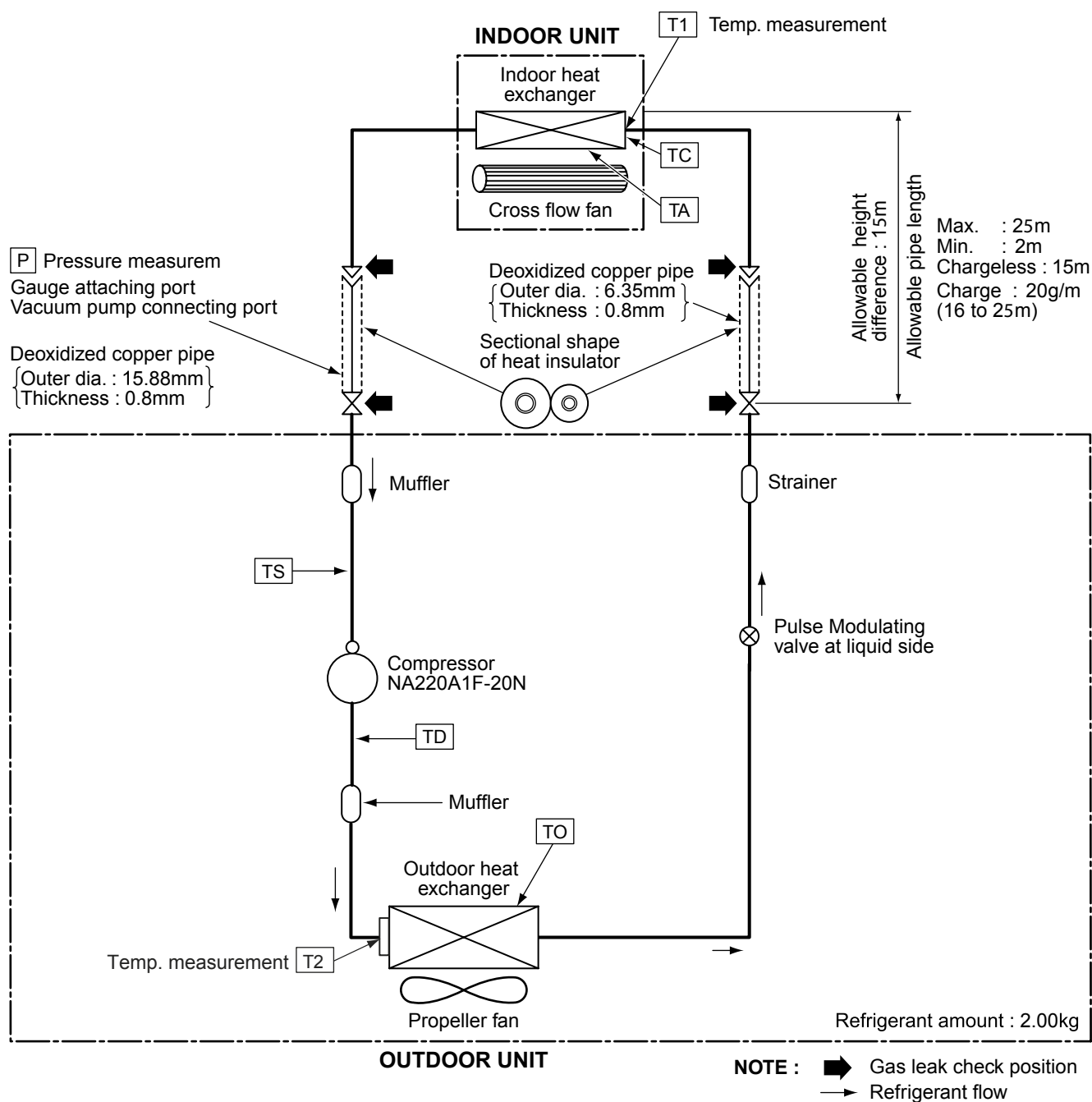


NOTE :

- The maximum pipe length of this air conditioner is 20 m. When the pipe length exceeds 15m, the additional charging of refrigerant, 20g per 1m for the part of pipe exceeded 15m is required. (Max. 100g)

RAS-24PKCV / RAS-24PACV-BA,Q,OM

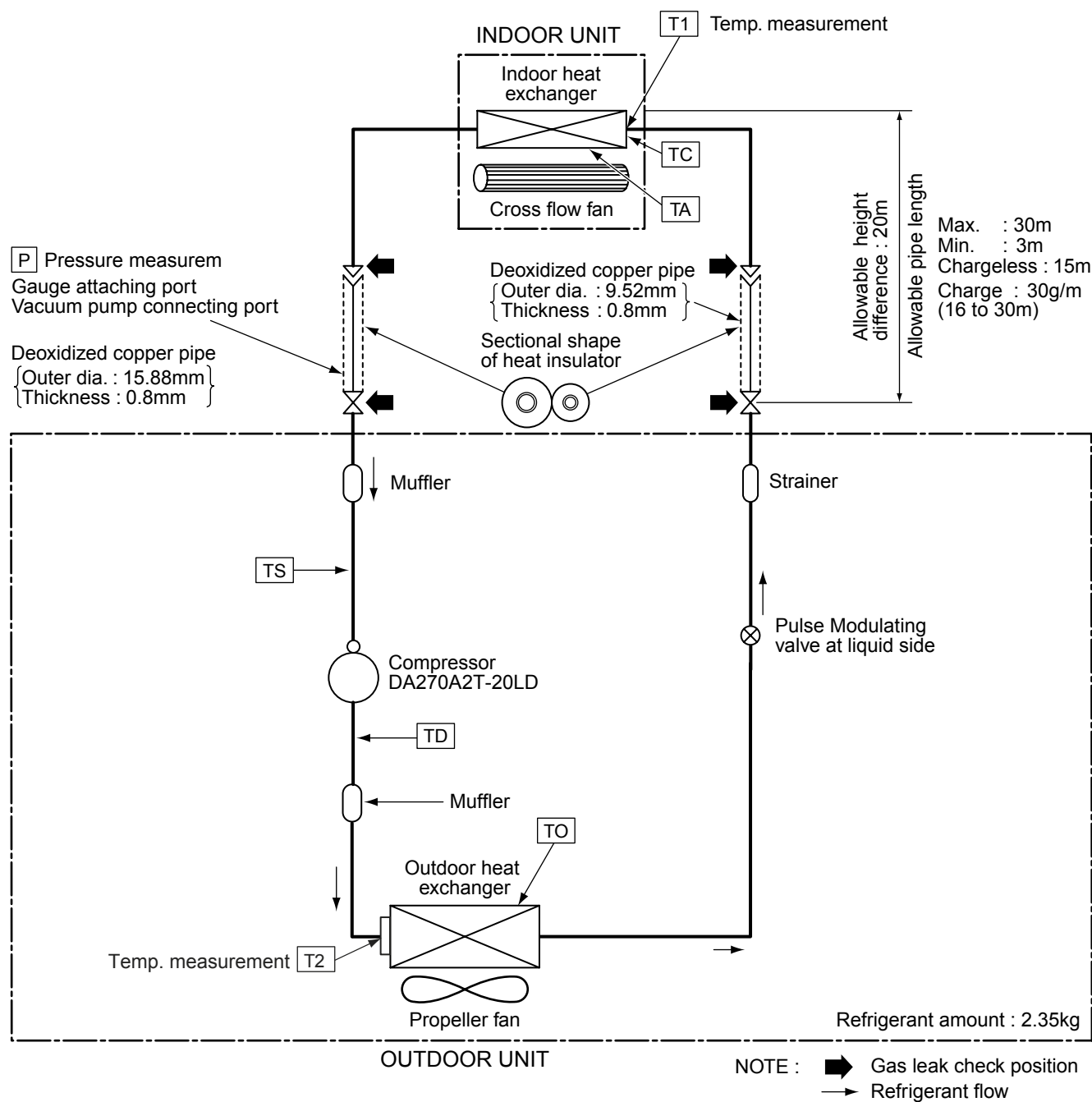
RAS-24PKCV2B / RAS-24PACV2B



NOTE : The maximum pipe length of this air conditioner is 20 m. When the pipe length exceeds 15m, the additional charging of refrigerant, 20g per 1m for the part of pipe exceeded 15m is required. (Max. 100g)

RAS-30PKCV / RAS-30PACV-BA,Q,OM

RAS-30PKCV2B / RAS-30PACV2B

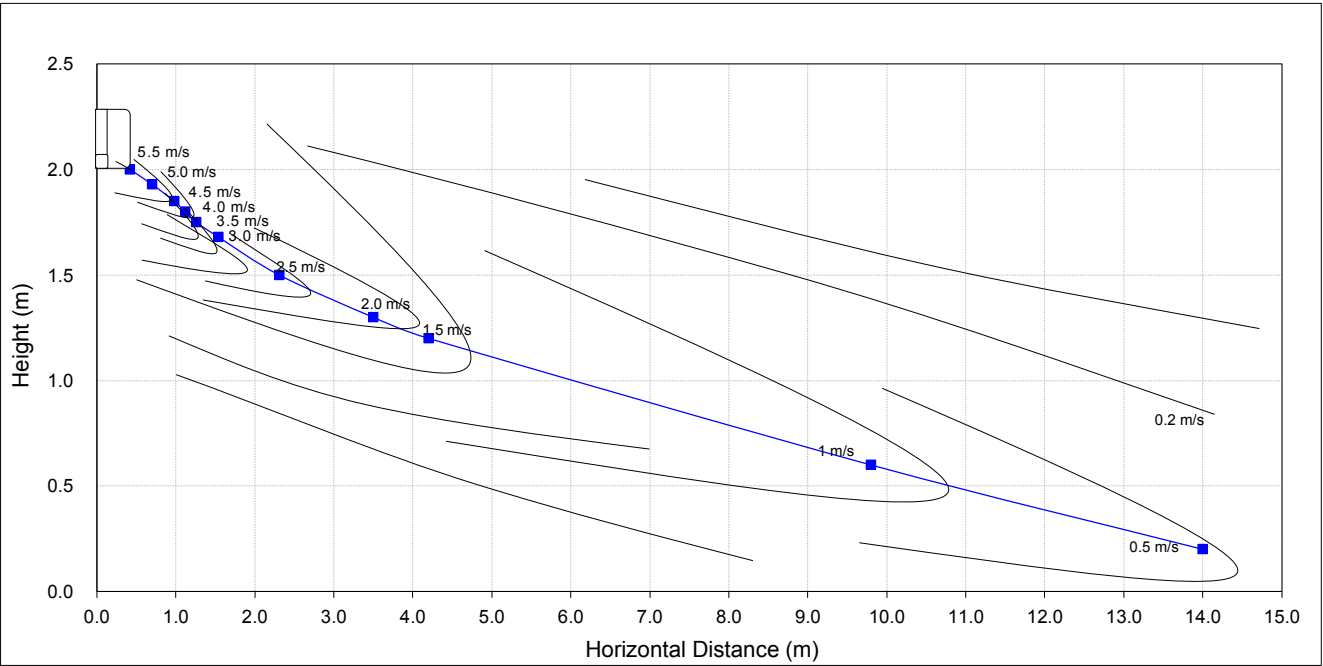


NOTE : The maximum pipe length of this air conditioner is 30 m. When the pipe length exceeds 15m, the additional charging of refrigerant, 30g per 1m for the part of pipe exceeded 15m is required. (Max. 450g)

6. Air Speed Distribution

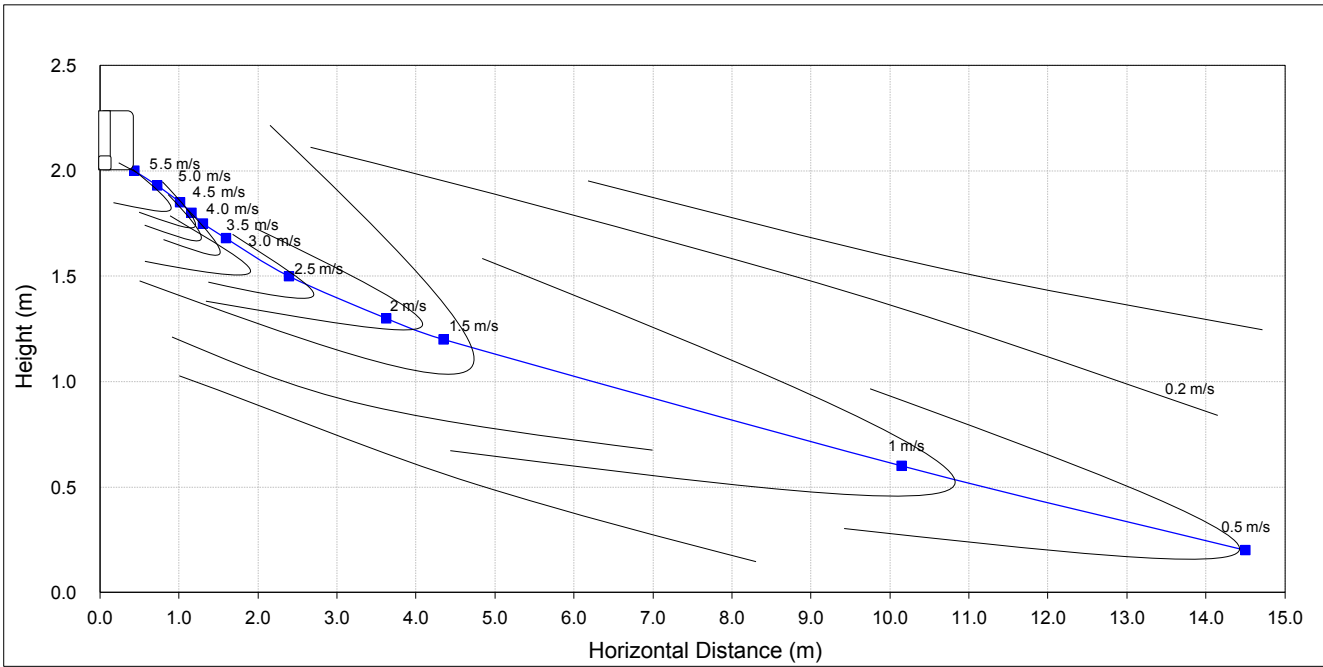
RAS-18PKCV2B, RAS-18PKCV-BA, AE,OM,Q

Cooling



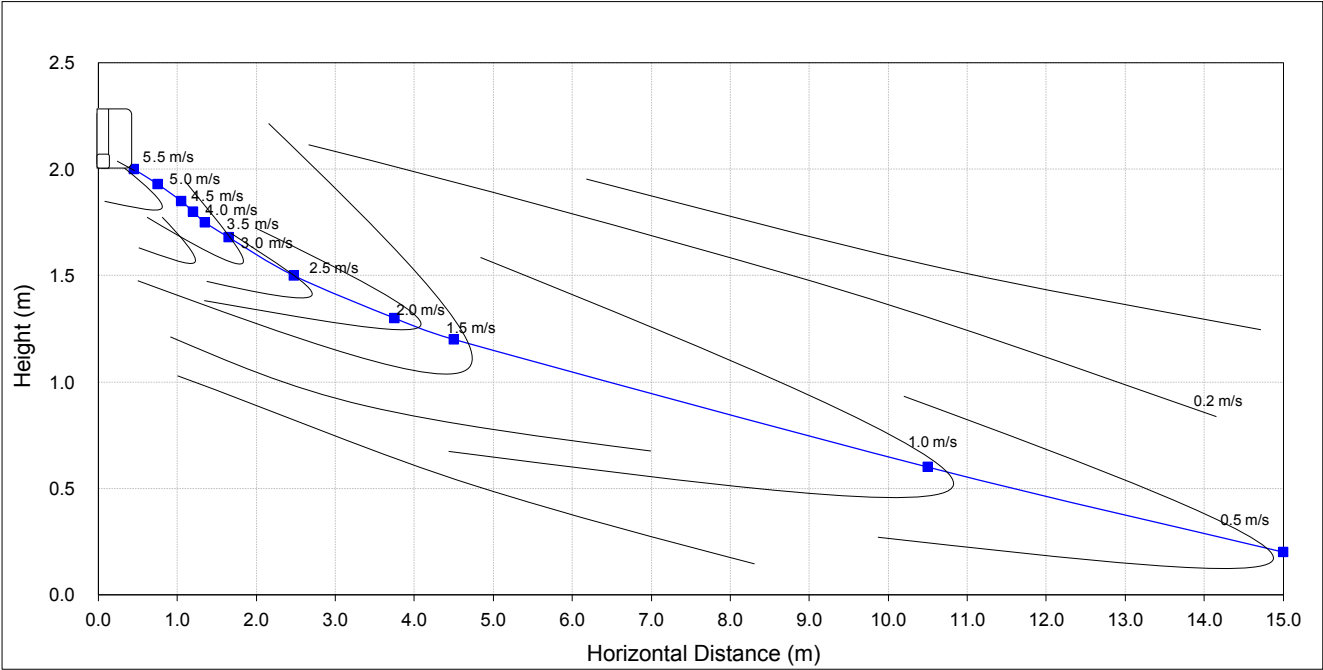
RAS-24PKCV2B, RAS-24PKCV-BA, AE, OM, Q

Cooling



RAS-30PKCV2B, RAS-24PKCV-BA, AE, OM, Q

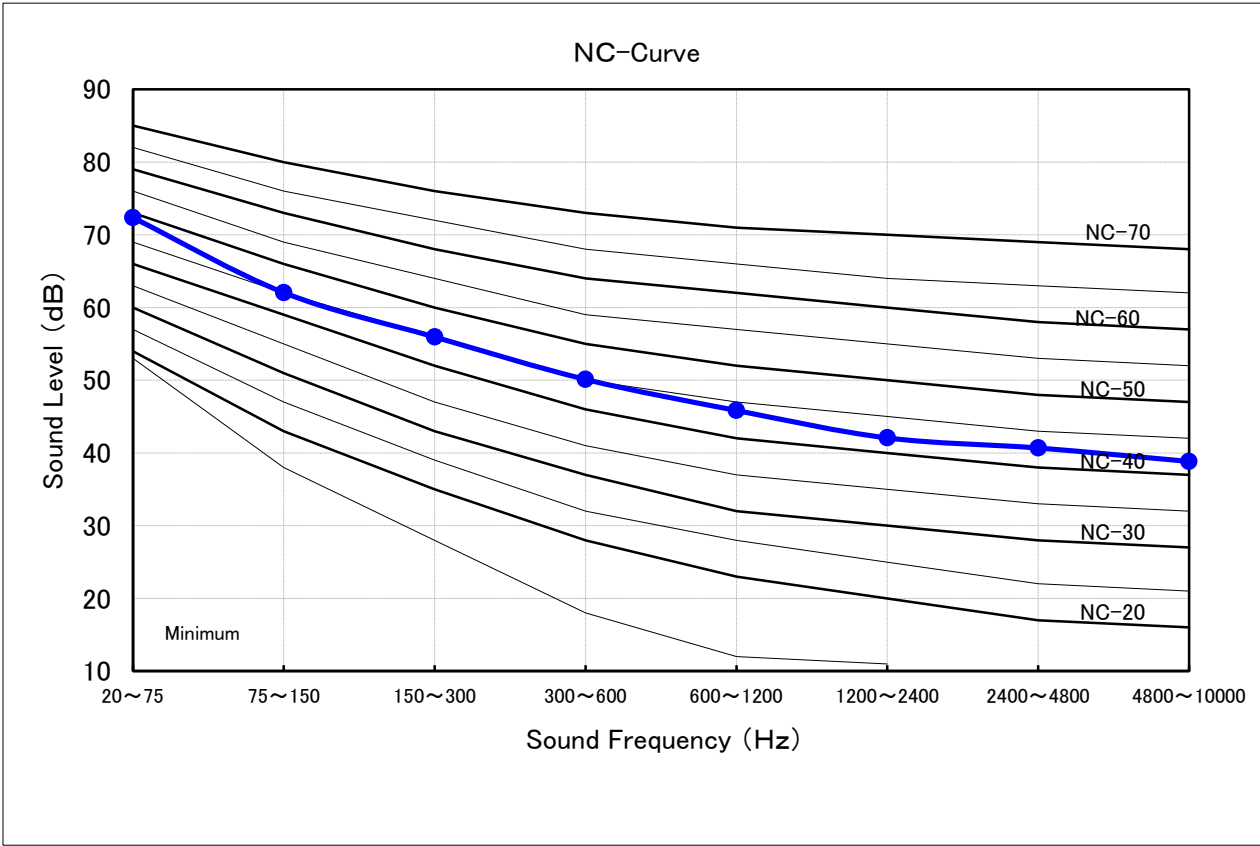
Cooling



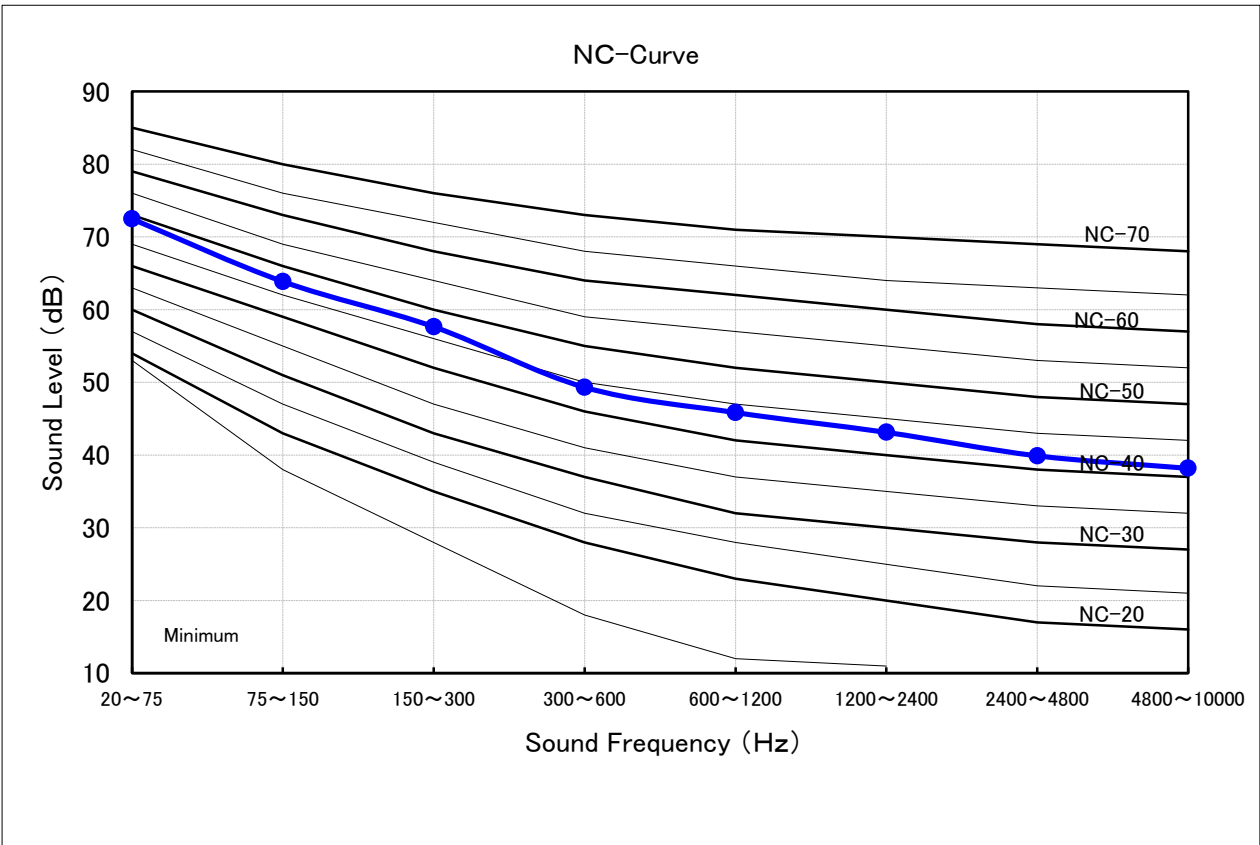
7. Sound Characteristics (NC Curve)

RAS-18PKCV2B, RAS-18PKCV-BA, AE,OM,Q

Cooling (T1)

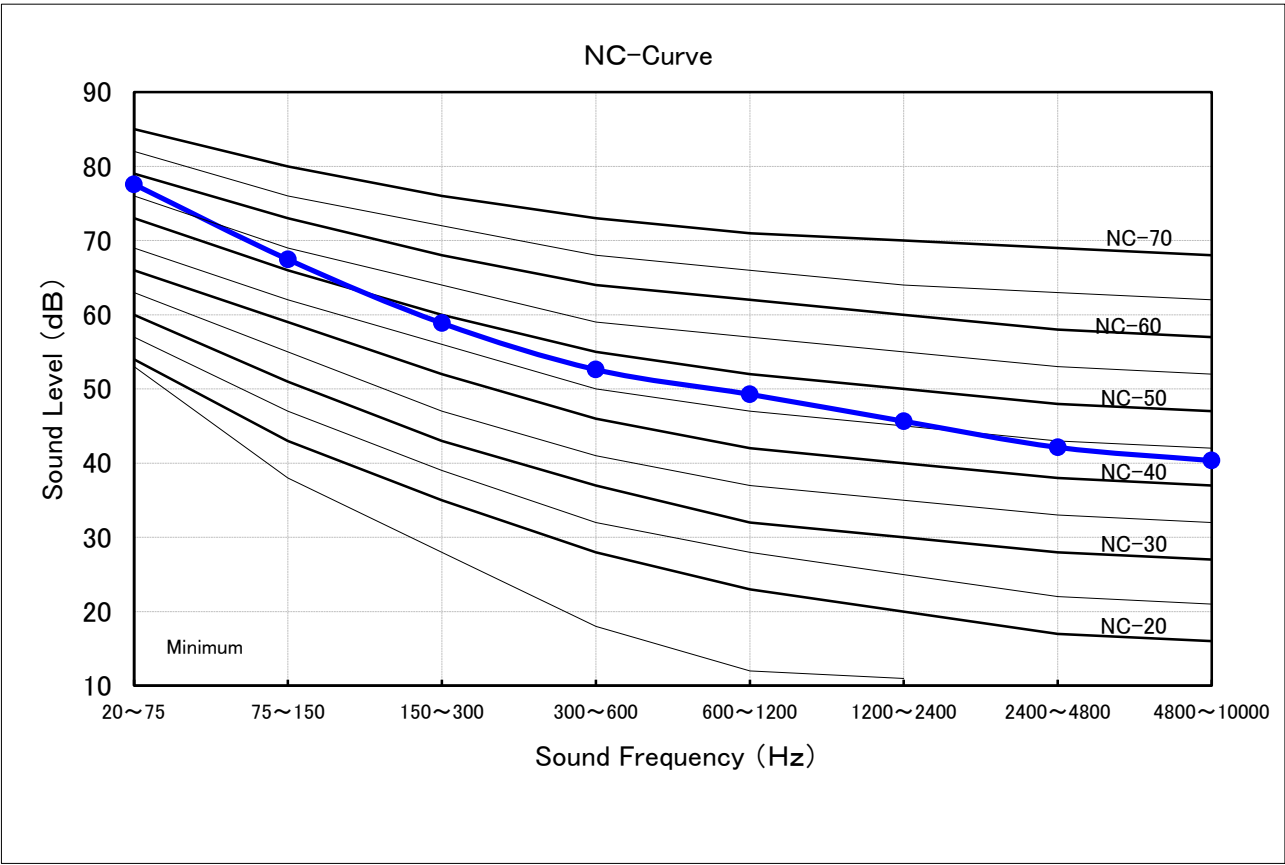


Cooling (T3)

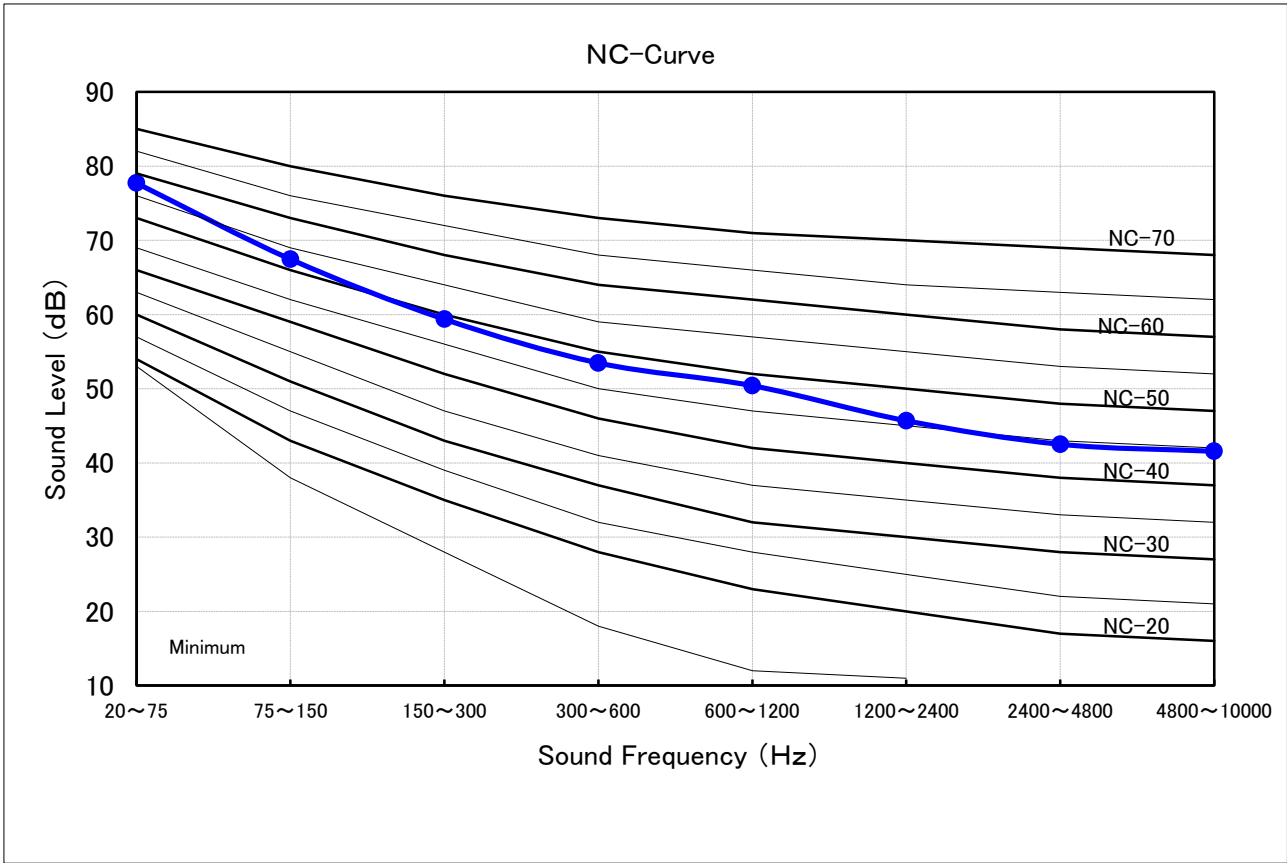


RAS-24PKCV2B, RAS-24PKCV-BA, AE,OM,Q

Cooling (T1)

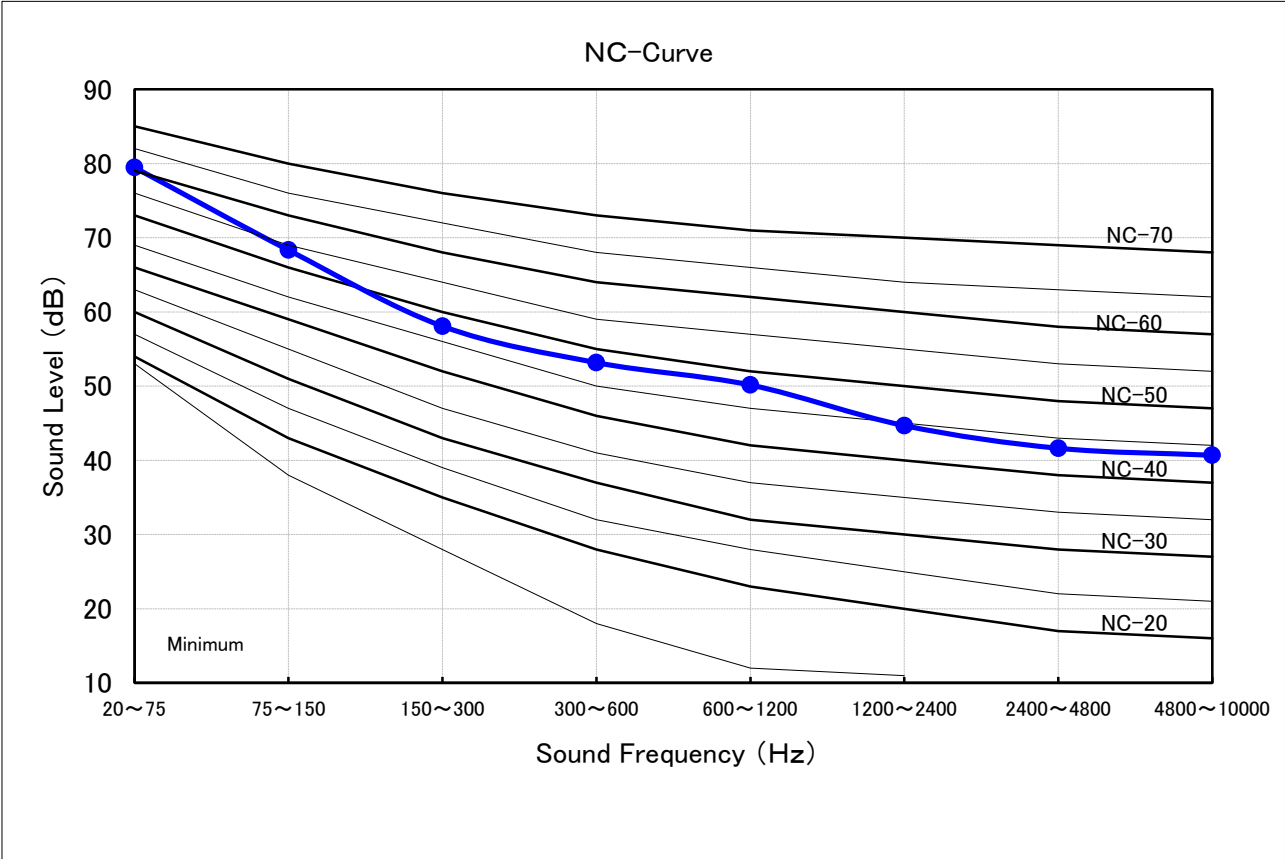


Cooling (T3)

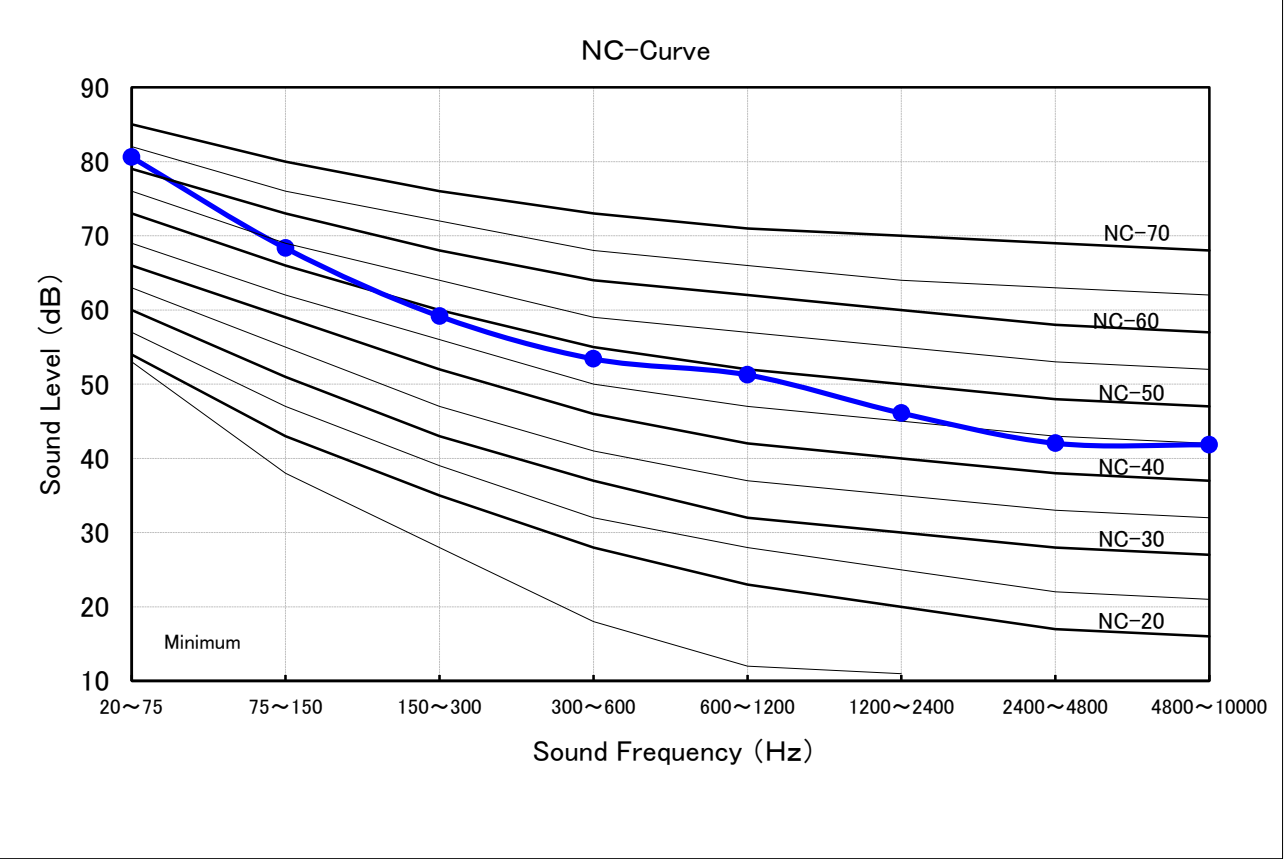


RAS-30PKCV2B, RAS-30PKCV-BA, AE,OM,Q

Cooling (T1)



Cooling (T3)



8. Capacity table

Product models : RAS-18PKV-BA / RAS-18PAV-BA
 RAS-18PKV-Q / RAS-18PAV-Q
 RAS-18PKV-AE / RAS-18PAV-AE
 RAS-18PKV-OM / RAS-18PAV-OM

Specification of product at standard condition :

Condition name		T1	T3
Indoor		27.0 °C DB / 19.0 °C WB	29.0 °C DB / 19.0 °C WB
Outdoor		35.0 °C DB / 24.0 °C WB	46.0 °C DB / 26.0 °C WB
Total Cooling Capacity (TC)	(kW)	5.30	4.55
Sensible Heat Capacity (SHC)	(kW)	4.24	3.80
Power Input (P)	(kW)	1.46	1.86

Indoor temp Outdoor temp	20.0°C DB			23.0°C DB			24.0°C DB			26.0°C DB			27.0°C DB			28.0°C DB			29.0°C DB			30.0°C DB			32.0°C DB		
	14.0°C WB, RH=51%			16.0°C WB, RH=48%			17.0°C WB, RH=49%			18.0°C WB, RH=45%			19.0°C WB, RH=46%			20.0°C WB, RH=47%			19.0°C WB, RH=38%			22.0°C WB, RH=49%			23.0°C WB, RH=46%		
°C DB	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P
21.0	5.16	4.44	0.90	5.64	4.71	0.93	5.80	4.79	0.94	6.12	4.95	0.96	6.28	5.03	0.97	6.44	5.10	0.98	6.31	5.27	0.98	6.76	5.24	1.00	7.09	5.36	1.02
23.0	5.05	4.34	0.97	5.52	4.60	1.00	5.67	4.69	1.01	5.99	4.84	1.03	6.14	4.91	1.04	6.30	4.99	1.05	6.17	5.16	1.05	6.61	5.12	1.08	6.93	5.24	1.10
25.0	4.93	4.24	1.03	5.39	4.50	1.07	5.54	4.58	1.08	5.85	4.73	1.10	6.00	4.80	1.11	6.16	4.87	1.12	6.03	5.04	1.12	6.46	5.00	1.15	6.77	5.12	1.17
27.0	4.82	4.14	1.10	5.26	4.39	1.13	5.41	4.47	1.15	5.71	4.62	1.17	5.86	4.69	1.18	6.01	4.76	1.19	5.89	4.92	1.19	6.31	4.88	1.22	6.61	5.00	1.24
29.0	4.70	4.05	1.16	5.14	4.29	1.20	5.28	4.36	1.21	5.58	4.51	1.24	5.72	4.58	1.25	5.87	4.64	1.26	5.75	4.80	1.26	6.16	4.77	1.29	6.45	4.88	1.32
31.0	4.58	3.95	1.23	5.01	4.18	1.27	5.15	4.26	1.28	5.44	4.40	1.31	5.58	4.46	1.32	5.72	4.53	1.33	5.61	4.68	1.33	6.01	4.65	1.36	6.29	4.76	1.39
33.0	4.47	3.85	1.29	4.89	4.08	1.33	5.02	4.15	1.35	5.30	4.29	1.38	5.44	4.35	1.39	5.58	4.41	1.41	5.47	4.57	1.40	5.86	4.53	1.43	6.13	4.64	1.46
35.0	4.35	3.75	1.35	4.76	3.97	1.40	4.89	4.04	1.41	5.16	4.18	1.44	5.30	4.24	1.46	5.44	4.30	1.48	5.33	4.45	1.47	5.71	4.42	1.51	5.98	4.52	1.54
37.0	4.24	3.65	1.42	4.63	3.87	1.47	4.76	3.94	1.48	5.03	4.07	1.51	5.16	4.13	1.53	5.29	4.19	1.55	5.19	4.33	1.54	5.55	4.30	1.58	5.82	4.40	1.61
39.0	4.12	3.55	1.48	4.51	3.76	1.53	4.63	3.83	1.55	4.89	3.96	1.58	5.02	4.02	1.60	5.15	4.07	1.62	5.04	4.21	1.61	5.40	4.18	1.65	5.66	4.28	1.68
41.0	4.01	3.45	1.55	4.38	3.66	1.60	4.51	3.72	1.62	4.75	3.84	1.65	4.88	3.90	1.67	5.00	3.96	1.69	4.90	4.09	1.68	5.25	4.06	1.72	5.50	4.16	1.75
43.0	3.89	3.35	1.61	4.25	3.55	1.67	4.38	3.61	1.68	4.62	3.73	1.72	4.74	3.79	1.74	4.86	3.84	1.76	4.76	3.98	1.75	5.10	3.95	1.79	5.34	4.04	1.83
44.0	3.83	3.30	1.64	4.19	3.50	1.70	4.31	3.56	1.72	4.55	3.68	1.75	4.67	3.73	1.77	4.79	3.79	1.79	4.69	3.92	1.79	5.03	3.89	1.83	5.26	3.98	1.86
45.0	3.78	3.25	1.68	4.13	3.45	1.73	4.25	3.51	1.75	4.48	3.62	1.79	4.60	3.68	1.81	4.71	3.73	1.83	4.62	3.86	1.82	4.95	3.83	1.86	5.18	3.92	1.90
46.0	3.72	3.20	1.71	4.07	3.39	1.77	4.18	3.45	1.78	4.41	3.57	1.82	4.53	3.62	1.84	4.64	3.67	1.86	4.55	3.80	1.86	4.87	3.77	1.90	5.10	3.86	1.94
47.0	3.66	3.15	1.74	4.00	3.34	1.80	4.12	3.40	1.82	4.34	3.51	1.86	4.46	3.57	1.88	4.57	3.62	1.90	4.48	3.74	1.89	4.80	3.71	1.93	5.03	3.80	1.97
48.0	3.60	3.10	1.77	3.94	3.29	1.83	4.05	3.35	1.85	4.27	3.46	1.89	4.39	3.51	1.91	4.50	3.56	1.93	4.41	3.68	1.93	4.72	3.65	1.97	4.95	3.74	2.01
49.0	3.55	3.05	1.80	3.88	3.24	1.87	3.99	3.29	1.89	4.21	3.40	1.93	4.32	3.45	1.95	4.43	3.50	1.97	4.34	3.62	1.96	4.65	3.60	2.01	4.87	3.68	2.05
50.0	3.49	3.00	1.84	3.81	3.18	1.90	3.92	3.24	1.92	4.14	3.35	1.96	4.25	3.40	1.98	4.35	3.45	2.00	4.27	3.56	2.00	4.57	3.54	2.04	4.79	3.62	2.08
51.0	3.43	2.95	1.87	3.75	3.13	1.93	3.86	3.19	1.95	4.07	3.29	1.99	4.18	3.34	2.01	4.28	3.39	2.04	4.20	3.51	2.03	4.50	3.48	2.08	4.71	3.56	2.12
52.0	3.37	2.90	1.90	3.69	3.08	1.96	3.79	3.13	1.99	4.00	3.24	2.03	4.11	3.28	2.05	4.21	3.33	2.07	4.13	3.45	2.07	4.42	3.42	2.11	4.63	3.50	2.16

Product models : RAS-18PKCV2B / RAS-18PACV2B

Specification of product at standard condition :

Condition name		T1	T3
Indoor		27.0 °C DB / 19.0 °C WB	29.0 °C DB / 19.0 °C WB
Outdoor		35.0 °C DB / 24.0 °C WB	46.0 °C DB / 26.0 °C WB
Total Cooling Capacity (TC)	(kW)	5.28	4.53
Sensible Heat Capacity (SHC)	(kW)	4.22	3.80
Power Input (P)	(kW)	1.46	1.86

Indoor temp Outdoor temp	20.0°C DB			23.0°C DB			24.0 °C DB			26.0 °C DB			27.0 °C DB			28.0 °C DB			29.0 °C DB			30.0 °C DB			32.0 °C DB		
	14.0°C WB, RH=51%			16.0°C WB, RH=48%			17.0°C WB, RH=49%			18.0°C WB, RH=45%			19.0°C WB, RH=46%			20.0°C WB, RH=47%			19.0°C WB, RH=38%			22.0°C WB, RH=49%			23.0°C WB, RH=46%		
°C DB	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P
21.0	5.14	4.42	0.90	5.62	4.69	0.93	5.78	4.77	0.94	6.10	4.93	0.96	6.26	5.01	0.97	6.42	5.08	0.98	6.29	5.28	0.98	6.74	5.21	1.00	7.06	5.34	1.02
23.0	5.03	4.33	0.97	5.50	4.59	1.00	5.65	4.67	1.01	5.97	4.82	1.03	6.12	4.89	1.04	6.28	4.96	1.05	6.15	5.16	1.05	6.59	5.10	1.08	6.90	5.22	1.10
25.0	4.91	4.23	1.03	5.37	4.48	1.07	5.52	4.56	1.08	5.83	4.71	1.10	5.98	4.78	1.11	6.14	4.85	1.12	6.01	5.04	1.12	6.44	4.98	1.15	6.75	5.10	1.17
27.0	4.80	4.13	1.10	5.25	4.37	1.13	5.39	4.45	1.15	5.69	4.60	1.17	5.84	4.67	1.18	5.99	4.74	1.19	5.87	4.93	1.19	6.29	4.86	1.22	6.59	4.98	1.24
29.0	4.68	4.03	1.16	5.12	4.27	1.20	5.27	4.35	1.21	5.56	4.49	1.24	5.70	4.56	1.25	5.85	4.62	1.26	5.73	4.81	1.26	6.14	4.75	1.29	6.43	4.86	1.32
31.0	4.57	3.93	1.23	4.99	4.16	1.27	5.14	4.24	1.28	5.42	4.38	1.31	5.56	4.44	1.32	5.70	4.51	1.33	5.59	4.69	1.33	5.99	4.63	1.36	6.27	4.74	1.39
33.0	4.45	3.83	1.29	4.87	4.06	1.33	5.01	4.13	1.35	5.28	4.27	1.38	5.42	4.33	1.39	5.56	4.39	1.41	5.45	4.57	1.40	5.84	4.51	1.43	6.11	4.62	1.46
35.0	4.34	3.73	1.35	4.74	3.95	1.40	4.88	4.02	1.41	5.15	4.16	1.44	5.28	4.22	1.46	5.41	4.28	1.48	5.31	4.45	1.47	5.68	4.39	1.51	5.95	4.50	1.54
37.0	4.22	3.63	1.42	4.61	3.85	1.47	4.75	3.92	1.48	5.01	4.05	1.51	5.14	4.11	1.53	5.27	4.17	1.55	5.17	4.33	1.54	5.53	4.28	1.58	5.80	4.38	1.61
39.0	4.11	3.53	1.48	4.49	3.74	1.53	4.62	3.81	1.55	4.87	3.94	1.58	5.00	4.00	1.60	5.13	4.05	1.62	5.02	4.21	1.61	5.38	4.16	1.65	5.64	4.26	1.68
41.0	3.99	3.43	1.55	4.36	3.64	1.60	4.49	3.70	1.62	4.73	3.83	1.65	4.86	3.88	1.67	4.98	3.94	1.69	4.88	4.10	1.68	5.23	4.04	1.72	5.48	4.14	1.75
43.0	3.88	3.33	1.61	4.24	3.53	1.67	4.36	3.60	1.68	4.60	3.71	1.72	4.72	3.77	1.74	4.84	3.83	1.76	4.74	3.98	1.75	5.08	3.93	1.79	5.32	4.02	1.83
44.0	3.82	3.28	1.64	4.17	3.48	1.70	4.29	3.54	1.72	4.53	3.66	1.75	4.65	3.71	1.77	4.77	3.77	1.79	4.67	3.92	1.79	5.00	3.87	1.83	5.24	3.96	1.86
45.0	3.76	3.23	1.68	4.11	3.43	1.73	4.23	3.49	1.75	4.46	3.60	1.79	4.58	3.66	1.81	4.69	3.71	1.83	4.60	3.86	1.82	4.93	3.81	1.86	5.16	3.90	1.90
46.0	3.70	3.18	1.71	4.05	3.38	1.77	4.16	3.44	1.78	4.39	3.55	1.82	4.51	3.60	1.84	4.62	3.65	1.86	4.53	3.80	1.86	4.85	3.75	1.90	5.08	3.84	1.94
47.0	3.64	3.13	1.74	3.98	3.32	1.80	4.10	3.38	1.82	4.32	3.49	1.86	4.44	3.55	1.88	4.55	3.60	1.90	4.46	3.74	1.89	4.78	3.69	1.93	5.00	3.78	1.97
48.0	3.59	3.08	1.77	3.92	3.27	1.83	4.03	3.33	1.85	4.26	3.44	1.89	4.37	3.49	1.91	4.48	3.54	1.93	4.39	3.68	1.93	4.70	3.63	1.97	4.92	3.72	2.01
49.0	3.53	3.04	1.80	3.86	3.22	1.87	3.97	3.27	1.89	4.19	3.38	1.93	4.30	3.43	1.95	4.41	3.48	1.97	4.32	3.62	1.96	4.63	3.58	2.01	4.84	3.66	2.05
50.0	3.47	2.99	1.84	3.80	3.17	1.90	3.90	3.22	1.92	4.12	3.33	1.96	4.23	3.38	1.98	4.33	3.43	2.00	4.25	3.56	2.00	4.55	3.52	2.04	4.77	3.60	2.08
51.0	3.41	2.94	1.87	3.73	3.11	1.93	3.84	3.17	1.95	4.05	3.27	1.99	4.16	3.32	2.01	4.26	3.37	2.04	4.18	3.50	2.03	4.47	3.46	2.08	4.69	3.54	2.12
52.0	3.36	2.89	1.90	3.67	3.06	1.96	3.77	3.11	1.99	3.98	3.22	2.03	4.09	3.27	2.05	4.19	3.31	2.07	4.11	3.44	2.07	4.40	3.40	2.11	4.61	3.48	2.16

Product models : RAS-24PKV-BA / RAS-24PAV-BA
 RAS-24PKV-Q / RAS-24PAV-Q
 RAS-24PKV-AE / RAS-24PAV-AE
 RAS-24PKV-OM / RAS-24PAV-OM

Specification of product at standard condition :

Condition name		T1	T3
Indoor		27.0 °C DB / 19.0 °C WB	29.0 °C DB / 19.0 °C WB
Outdoor		35.0 °C DB / 24.0 °C WB	46.0 °C DB / 26.0 °C WB
Total Cooling Capacity (TC)	(kW)	6.50	5.68
Sensible Heat Capacity (SHC)	(kW)	5.20	5.10
Power Input (P)	(kW)	1.82	2.32

Indoor temp Outdoor temp	20.0 °C DB			23.0 °C DB			24.0 °C DB			26.0 °C DB			27.0 °C DB			28.0 °C DB			29.0 °C DB			30.0 °C DB			32.0 °C DB		
	14.0 °C WB, RH=51%			16.0 °C WB, RH=48%			17.0 °C WB, RH=49%			18.0 °C WB, RH=45%			19.0 °C WB, RH=46%			20.0 °C WB, RH=47%			19.0 °C WB, RH=38%			22.0 °C WB, RH=49%			23.0 °C WB, RH=46%		
°C DB	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P
21.0	6.23	5.36	1.13	6.81	5.68	1.16	7.00	5.78	1.18	7.39	5.97	1.20	7.58	6.06	1.21	7.77	6.15	1.23	7.62	6.84	1.23	8.16	6.32	1.25	8.55	6.47	1.28
23.0	6.10	5.25	1.21	6.67	5.57	1.25	6.86	5.66	1.26	7.24	5.85	1.29	7.43	5.94	1.30	7.61	6.03	1.31	7.46	6.70	1.31	7.99	6.19	1.34	8.37	6.33	1.37
25.0	5.97	5.14	1.29	6.53	5.45	1.33	6.71	5.55	1.34	7.09	5.73	1.37	7.27	5.82	1.39	7.46	5.90	1.40	7.31	6.56	1.40	7.83	6.06	1.43	8.20	6.20	1.46
27.0	5.85	5.03	1.37	6.39	5.33	1.41	6.57	5.43	1.43	6.94	5.61	1.46	7.12	5.69	1.47	7.30	5.78	1.49	7.15	6.42	1.49	7.66	5.93	1.52	8.02	6.07	1.55
29.0	5.72	4.92	1.45	6.25	5.22	1.50	6.43	5.31	1.51	6.79	5.49	1.54	6.96	5.57	1.56	7.14	5.65	1.58	7.00	6.28	1.58	7.50	5.80	1.61	7.85	5.94	1.64
31.0	5.59	4.81	1.53	6.11	5.10	1.58	6.29	5.19	1.60	6.63	5.37	1.63	6.81	5.45	1.65	6.98	5.53	1.66	6.84	6.14	1.66	7.33	5.67	1.70	7.68	5.81	1.73
33.0	5.47	4.70	1.61	5.98	4.99	1.66	6.14	5.08	1.68	6.48	5.24	1.72	6.65	5.32	1.73	6.82	5.40	1.75	6.69	6.00	1.75	7.16	5.54	1.79	7.50	5.68	1.82
35.0	5.34	4.60	1.69	5.84	4.87	1.74	6.00	4.96	1.76	6.33	5.12	1.80	6.50	5.20	1.82	6.67	5.27	1.84	6.53	5.87	1.84	7.00	5.42	1.88	7.33	5.55	1.91
37.0	5.21	4.49	1.77	5.70	4.76	1.83	5.86	4.84	1.85	6.18	5.00	1.89	6.35	5.08	1.91	6.51	5.15	1.93	6.38	5.73	1.93	6.83	5.29	1.97	7.16	5.41	2.01
39.0	5.09	4.38	1.85	5.56	4.64	1.91	5.72	4.72	1.93	6.03	4.88	1.97	6.19	4.95	1.99	6.35	5.02	2.01	6.22	5.59	2.01	6.67	5.16	2.06	6.98	5.28	2.10
41.0	4.96	4.27	1.93	5.42	4.53	1.99	5.58	4.61	2.02	5.88	4.76	2.06	6.04	4.83	2.08	6.19	4.90	2.10	6.07	5.45	2.10	6.50	5.03	2.14	6.81	5.15	2.19
43.0	4.83	4.16	2.01	5.28	4.41	2.08	5.43	4.49	2.10	5.73	4.64	2.14	5.88	4.71	2.17	6.03	4.77	2.19	5.91	5.31	2.19	6.33	4.90	2.23	6.63	5.02	2.28
44.0	4.77	4.11	2.05	5.21	4.35	2.12	5.36	4.43	2.14	5.66	4.58	2.19	5.81	4.64	2.21	5.95	4.71	2.23	5.83	5.24	2.23	6.25	4.84	2.28	6.55	4.95	2.32
45.0	4.71	4.05	2.09	5.14	4.29	2.16	5.29	4.37	2.18	5.58	4.51	2.23	5.73	4.58	2.25	5.87	4.65	2.28	5.76	5.17	2.28	6.17	4.77	2.32	6.46	4.89	2.37
46.0	4.64	4.00	2.13	5.07	4.24	2.20	5.22	4.31	2.23	5.51	4.45	2.27	5.65	4.52	2.30	5.80	4.59	2.32	5.68	5.10	2.32	6.08	4.71	2.37	6.37	4.82	2.42
47.0	4.58	3.94	2.17	5.01	4.18	2.24	5.15	4.25	2.27	5.43	4.39	2.32	5.57	4.46	2.34	5.72	4.52	2.36	5.60	5.03	2.36	6.00	4.64	2.41	6.29	4.76	2.46
48.0	4.52	3.89	2.21	4.94	4.12	2.29	5.08	4.19	2.31	5.36	4.33	2.36	5.50	4.40	2.38	5.64	4.46	2.41	5.52	4.96	2.41	5.92	4.58	2.46	6.20	4.69	2.51
49.0	4.45	3.83	2.25	4.87	4.06	2.33	5.01	4.13	2.35	5.28	4.27	2.40	5.42	4.34	2.43	5.56	4.40	2.45	5.45	4.89	2.45	5.84	4.52	2.50	6.11	4.62	2.55
50.0	4.39	3.78	2.29	4.80	4.00	2.37	4.93	4.08	2.39	5.21	4.21	2.44	5.34	4.27	2.47	5.48	4.34	2.50	5.37	4.82	2.49	5.75	4.45	2.55	6.02	4.56	2.60
51.0	4.33	3.72	2.33	4.73	3.95	2.41	4.86	4.02	2.44	5.13	4.15	2.49	5.27	4.21	2.51	5.40	4.27	2.54	5.29	4.75	2.54	5.67	4.39	2.59	5.94	4.49	2.64
52.0	4.26	3.67	2.37	4.66	3.89	2.45	4.79	3.96	2.48	5.06	4.09	2.53	5.19	4.15	2.56	5.32	4.21	2.58	5.21	4.68	2.58	5.59	4.32	2.64	5.85	4.43	2.69

Product models : RAS-24PKCV2B / RAS-24PACV2B

Specification of product at standard condition :

Condition name		T1	T3
Indoor		27.0 °C DB / 19.0 °C WB	29.0 °C DB / 19.0 °C WB
Outdoor		35.0 °C DB / 24.0 °C WB	46.0 °C DB / 26.0 °C WB
Total Cooling Capacity (TC)	(kW)	6.48	5.67
Sensible Heat Capacity (SHC)	(kW)	5.18	5.10
Power Input (P)	(kW)	1.83	2.32

Indoor temp Outdoor temp	20.0 °C DB			23.0 °C DB			24.0 °C DB			26.0 °C DB			27.0 °C DB			28.0 °C DB			29.0 °C DB			30.0 °C DB			32.0 °C DB		
	14.0 °C WB, RH=51%			16.0 °C WB, RH=48%			17.0 °C WB, RH=49%			18.0 °C WB, RH=45%			19.0 °C WB, RH=46%			20.0 °C WB, RH=47%			19.0 °C WB, RH=38%			22.0 °C WB, RH=49%			23.0 °C WB, RH=46%		
°C DB	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P
21.0	6.20	5.33	1.15	6.78	5.65	1.18	6.97	5.75	1.20	7.35	5.94	1.22	7.55	6.03	1.24	7.74	6.12	1.25	7.58	6.82	1.25	8.12	6.28	1.27	8.51	6.43	1.30
23.0	6.07	5.22	1.23	6.64	5.54	1.27	6.83	5.64	1.28	7.21	5.82	1.31	7.39	5.91	1.32	7.58	6.00	1.33	7.43	6.68	1.33	7.96	6.16	1.36	8.34	6.30	1.39
25.0	5.95	5.12	1.30	6.50	5.42	1.35	6.69	5.52	1.36	7.06	5.70	1.39	7.24	5.79	1.41	7.43	5.87	1.42	7.28	6.55	1.42	7.80	6.03	1.45	8.17	6.17	1.48
27.0	5.82	5.01	1.38	6.37	5.31	1.43	6.55	5.40	1.44	6.91	5.58	1.48	7.09	5.67	1.49	7.27	5.75	1.51	7.13	6.41	1.51	7.63	5.90	1.54	7.99	6.04	1.57
29.0	5.70	4.90	1.46	6.23	5.20	1.51	6.41	5.29	1.53	6.76	5.46	1.56	6.94	5.55	1.58	7.11	5.63	1.59	6.97	6.27	1.59	7.47	5.78	1.62	7.82	5.91	1.66
31.0	5.57	4.79	1.54	6.09	5.08	1.59	6.27	5.17	1.61	6.61	5.34	1.64	6.78	5.42	1.66	6.96	5.50	1.68	6.82	6.13	1.68	7.30	5.65	1.71	7.65	5.78	1.75
33.0	5.45	4.69	1.62	5.96	4.97	1.67	6.12	5.06	1.69	6.46	5.22	1.73	6.63	5.30	1.75	6.80	5.38	1.76	6.67	6.00	1.76	7.14	5.52	1.80	7.48	5.65	1.84
35.0	5.32	4.58	1.70	5.82	4.85	1.75	5.98	4.94	1.77	6.31	5.10	1.81	6.48	5.18	1.83	6.65	5.25	1.85	6.51	5.86	1.85	6.98	5.39	1.89	7.31	5.52	1.92
37.0	5.20	4.47	1.78	5.68	4.74	1.84	5.84	4.82	1.86	6.17	4.98	1.90	6.33	5.06	1.91	6.49	5.13	1.93	6.36	5.72	1.93	6.81	5.27	1.97	7.13	5.39	2.01
39.0	5.07	4.36	1.86	5.54	4.63	1.92	5.70	4.71	1.94	6.02	4.86	1.98	6.18	4.94	2.00	6.33	5.01	2.02	6.21	5.58	2.02	6.65	5.14	2.06	6.96	5.26	2.10
41.0	4.95	4.26	1.93	5.41	4.51	2.00	5.56	4.59	2.02	5.87	4.74	2.06	6.02	4.81	2.08	6.18	4.88	2.11	6.05	5.44	2.11	6.48	5.01	2.15	6.79	5.13	2.19
43.0	4.82	4.15	2.01	5.27	4.40	2.08	5.42	4.47	2.10	5.72	4.62	2.15	5.87	4.69	2.17	6.02	4.76	2.19	5.90	5.31	2.19	6.32	4.89	2.24	6.62	5.00	2.28
44.0	4.76	4.09	2.05	5.20	4.34	2.12	5.35	4.42	2.14	5.65	4.56	2.19	5.79	4.63	2.21	5.94	4.70	2.23	5.82	5.24	2.23	6.24	4.82	2.28	6.53	4.94	2.33
45.0	4.70	4.04	2.09	5.13	4.28	2.16	5.28	4.36	2.18	5.57	4.50	2.23	5.72	4.57	2.25	5.86	4.64	2.28	5.75	5.17	2.28	6.16	4.76	2.32	6.45	4.87	2.37
46.0	4.63	3.99	2.13	5.07	4.23	2.20	5.21	4.30	2.23	5.50	4.44	2.27	5.64	4.51	2.30	5.79	4.57	2.32	5.67	5.10	2.32	6.07	4.70	2.37	6.36	4.81	2.42
47.0	4.57	3.93	2.17	5.00	4.17	2.24	5.14	4.24	2.27	5.42	4.38	2.32	5.57	4.45	2.34	5.71	4.51	2.36	5.59	5.03	2.36	5.99	4.63	2.41	6.28	4.74	2.46
48.0	4.51	3.88	2.21	4.93	4.11	2.28	5.07	4.18	2.31	5.35	4.32	2.36	5.49	4.39	2.38	5.63	4.45	2.41	5.52	4.96	2.41	5.91	4.57	2.46	6.19	4.68	2.50
49.0	4.45	3.82	2.25	4.86	4.05	2.32	5.00	4.13	2.35	5.27	4.26	2.40	5.41	4.33	2.42	5.55	4.39	2.45	5.44	4.89	2.45	5.83	4.51	2.50	6.10	4.61	2.55
50.0	4.38	3.77	2.29	4.79	4.00	2.36	4.93	4.07	2.39	5.20	4.20	2.44	5.34	4.27	2.47	5.47	4.33	2.49	5.36	4.82	2.49	5.75	4.44	2.54	6.02	4.55	2.59
51.0	4.32	3.72	2.33	4.72	3.94	2.41	4.86	4.01	2.43	5.13	4.14	2.48	5.26	4.21	2.51	5.39	4.27	2.53	5.29	4.76	2.53	5.66	4.38	2.59	5.93	4.48	2.64
52.0	4.26	3.66	2.37	4.66	3.88	2.45	4.79	3.95	2.47	5.05	4.08	2.53	5.18	4.14	2.55	5.32	4.20	2.58	5.21	4.69	2.58	5.58	4.32	2.63	5.85	4.42	2.68

Product models : RAS-30PKV-BA / RAS-30PAV-BA
RAS-30PKV-Q / RAS-30PAV-Q
RAS-30PKV-AE / RAS-30PAV-AE
RAS-30PKV-OM / RAS-30PAV-OM

Specification of product at standard condition :

Condition name		T1	T3
Indoor		27.0 °C DB / 19.0 °C WB	29.0 °C DB / 19.0 °C WB
Outdoor		35.0 °C DB / 24.0 °C WB	46.0 °C DB / 26.0 °C WB
Total Cooling Capacity (TC)	(kW)	7.40	6.40
Sensible Heat Capacity (SHC)	(kW)	5.92	5.76
Power Input (P)	(kW)	2.08	2.57

Indoor temp	20.0°C DB			23.0°C DB			24.0°C DB			26.0°C DB			27.0°C DB			28.0°C DB			29.0°C DB			30.0 °C DB			32.0 °C DB		
Outdoor temp	14.0 °C WB, RH=51%			16.0°C WB, RH=48%			17.0 °C WB, RH=49%			18.0°C WB, RH=45%			19.0°C WB, RH=46%			20.0°C WB, RH=47%			19.0°C WB, RH=38%			22.0°C WB, RH=49%			23.0°C WB, RH=46%		
°C DB	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P
21.0	7.16	6.16	1.38	7.82	6.53	1.43	8.05	6.65	1.44	8.49	6.87	1.47	8.71	6.97	1.49	8.94	7.07	1.50	8.76	7.88	1.50	9.38	7.26	1.54	9.83	7.43	1.57
23.0	7.00	6.03	1.46	7.66	6.39	1.51	7.87	6.50	1.52	8.31	6.72	1.56	8.53	6.82	1.57	8.74	6.92	1.59	8.57	7.71	1.59	9.18	7.10	1.62	9.61	7.27	1.65
25.0	6.85	5.90	1.54	7.49	6.25	1.59	7.70	6.36	1.61	8.13	6.57	1.64	8.34	6.67	1.66	8.55	6.77	1.68	8.38	7.54	1.67	8.98	6.95	1.71	9.40	7.11	1.74
27.0	6.69	5.76	1.62	7.32	6.11	1.67	7.53	6.22	1.69	7.94	6.42	1.72	8.15	6.52	1.74	8.36	6.61	1.76	8.19	7.37	1.76	8.77	6.79	1.80	9.19	6.95	1.83
29.0	6.54	5.63	1.69	7.15	5.97	1.75	7.35	6.07	1.77	7.76	6.28	1.81	7.96	6.37	1.83	8.17	6.46	1.85	8.00	7.20	1.85	8.57	6.63	1.88	8.98	6.79	1.92
31.0	6.39	5.50	1.77	6.98	5.83	1.83	7.18	5.93	1.85	7.58	6.13	1.89	7.78	6.22	1.91	7.97	6.31	1.93	7.81	7.03	1.93	8.37	6.48	1.97	8.77	6.63	2.01
33.0	6.23	5.36	1.85	6.81	5.69	1.91	7.01	5.79	1.93	7.39	5.98	1.97	7.59	6.07	2.00	7.78	6.16	2.02	7.63	6.86	2.02	8.17	6.32	2.06	8.56	6.47	2.10
35.0	6.08	5.23	1.93	6.64	5.55	1.99	6.83	5.64	2.02	7.21	5.83	2.06	7.40	5.92	2.08	7.59	6.01	2.10	7.44	6.69	2.10	7.97	6.17	2.14	8.34	6.31	2.19
37.0	5.92	5.10	2.01	6.48	5.41	2.07	6.66	5.50	2.10	7.03	5.68	2.14	7.21	5.77	2.16	7.40	5.85	2.19	7.25	6.52	2.19	7.76	6.01	2.23	8.13	6.15	2.28
39.0	5.77	4.97	2.09	6.31	5.27	2.16	6.49	5.36	2.18	6.85	5.54	2.23	7.02	5.62	2.25	7.20	5.70	2.27	7.06	6.35	2.27	7.56	5.85	2.32	7.92	5.99	2.36
41.0	5.62	4.83	2.16	6.14	5.12	2.24	6.31	5.22	2.26	6.66	5.39	2.31	6.84	5.47	2.33	7.01	5.55	2.36	6.87	6.18	2.36	7.36	5.70	2.41	7.71	5.83	2.45
43.0	5.46	4.70	2.24	5.97	4.98	2.32	6.14	5.07	2.34	6.48	5.24	2.39	6.65	5.32	2.42	6.82	5.40	2.44	6.68	6.01	2.44	7.16	5.54	2.49	7.50	5.67	2.54
44.0	5.38	4.64	2.28	5.89	4.91	2.36	6.05	5.00	2.38	6.39	5.17	2.43	6.56	5.24	2.46	6.72	5.32	2.49	6.59	5.93	2.48	7.06	5.46	2.54	7.39	5.59	2.59
45.0	5.31	4.57	2.32	5.80	4.84	2.40	5.97	4.93	2.42	6.30	5.09	2.48	6.46	5.17	2.50	6.63	5.24	2.53	6.49	5.84	2.53	6.96	5.38	2.58	7.29	5.51	2.63
46.0	5.23	4.50	2.36	5.72	4.77	2.44	5.88	4.86	2.47	6.21	5.02	2.52	6.37	5.09	2.54	6.53	5.17	2.57	6.40	5.76	2.57	6.86	5.31	2.62	7.18	5.43	2.68
47.0	5.15	4.44	2.40	5.63	4.70	2.48	5.79	4.79	2.51	6.11	4.94	2.56	6.27	5.02	2.59	6.43	5.09	2.61	6.31	5.67	2.61	6.75	5.23	2.67	7.07	5.35	2.72
48.0	5.08	4.37	2.44	5.55	4.63	2.52	5.71	4.71	2.55	6.02	4.87	2.60	6.18	4.94	2.63	6.34	5.02	2.66	6.21	5.59	2.66	6.65	5.15	2.71	6.97	5.27	2.76
49.0	5.00	4.30	2.48	5.47	4.56	2.56	5.62	4.64	2.59	5.93	4.80	2.64	6.09	4.87	2.67	6.24	4.94	2.70	6.12	5.51	2.70	6.55	5.07	2.75	6.86	5.19	2.81
50.0	4.92	4.24	2.52	5.38	4.49	2.60	5.53	4.57	2.63	5.84	4.72	2.69	5.99	4.79	2.71	6.15	4.86	2.74	6.02	5.42	2.74	6.45	4.99	2.80	6.76	5.11	2.85
51.0	4.85	4.17	2.56	5.30	4.42	2.64	5.45	4.50	2.67	5.75	4.65	2.73	5.90	4.72	2.76	6.05	4.79	2.78	5.93	5.34	2.78	6.35	4.91	2.84	6.65	5.03	2.90
52.0	4.77	4.10	2.60	5.21	4.35	2.68	5.36	4.43	2.71	5.66	4.57	2.77	5.81	4.64	2.80	5.95	4.71	2.83	5.83	5.25	2.83	6.25	4.84	2.88	6.55	4.95	2.94

Product models : RAS-30PKCV2B / RAS-30PACV2B

Specification of product at standard condition :

Condition name		T1	T3
Indoor		27.0 °C DB / 19.0 °C WB	29.0 °C DB / 19.0 °C WB
Outdoor		35.0 °C DB / 24.0 °C WB	46.0 °C DB / 26.0 °C WB
Total Cooling Capacity (TC)	(kW)	7.40	6.42
Sensible Heat Capacity (SHC)	(kW)	5.92	5.78
Power Input (P)	(kW)	2.08	2.58

Indoor temp Outdoor temp	20.0°C DB			23.0°C DB			24.0°C DB			26.0°C DB			27.0°C DB			28.0°C DB			29.0°C DB			30.0°C DB			32.0°C DB		
	14.0 °C WB, RH=51%			16.0 °C WB, RH=48%			17.0 °C WB, RH=49%			18.0 °C WB, RH=45%			19.0 °C WB, RH=46%			20.0 °C WB, RH=47%			19.0 °C WB, RH=38%			22.0 °C WB, RH=49%			23.0 °C WB, RH=46%		
°C DB	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P	TC	SHC	P
21.0	7.14	6.14	1.37	7.80	6.51	1.42	8.02	6.63	1.43	8.47	6.85	1.46	8.69	6.95	1.48	8.91	7.05	1.49	8.73	7.86	1.49	9.35	7.24	1.52	9.80	7.41	1.55
23.0	6.99	6.01	1.45	7.64	6.37	1.50	7.85	6.49	1.51	8.29	6.70	1.55	8.50	6.80	1.56	8.72	6.90	1.58	8.55	7.69	1.58	9.16	7.09	1.61	9.59	7.25	1.64
25.0	6.83	5.88	1.53	7.47	6.24	1.58	7.68	6.35	1.60	8.11	6.56	1.63	8.32	6.66	1.65	8.53	6.75	1.67	8.36	7.53	1.67	8.96	6.93	1.70	9.38	7.10	1.73
27.0	6.68	5.75	1.61	7.31	6.10	1.66	7.51	6.21	1.68	7.93	6.41	1.72	8.14	6.51	1.74	8.34	6.60	1.75	8.18	7.36	1.75	8.76	6.78	1.79	9.17	6.94	1.82
29.0	6.53	5.62	1.69	7.14	5.96	1.75	7.34	6.07	1.76	7.75	6.27	1.80	7.95	6.36	1.82	8.15	6.45	1.84	7.99	7.20	1.84	8.56	6.63	1.88	8.97	6.78	1.92
31.0	6.38	5.49	1.77	6.98	5.82	1.83	7.17	5.93	1.85	7.57	6.12	1.89	7.77	6.21	1.91	7.97	6.30	1.93	7.81	7.03	1.93	8.36	6.47	1.97	8.76	6.63	2.01
33.0	6.23	5.36	1.85	6.81	5.68	1.91	7.00	5.79	1.93	7.39	5.98	1.97	7.58	6.07	1.99	7.78	6.15	2.01	7.62	6.86	2.01	8.16	6.32	2.06	8.55	6.47	2.10
35.0	6.08	5.23	1.93	6.64	5.55	1.99	6.83	5.64	2.02	7.21	5.83	2.06	7.40	5.92	2.08	7.59	6.01	2.10	7.44	6.70	2.10	7.97	6.17	2.14	8.34	6.31	2.19
37.0	5.93	5.10	2.01	6.48	5.41	2.08	6.66	5.50	2.10	7.03	5.69	2.14	7.22	5.77	2.17	7.40	5.86	2.19	7.25	6.53	2.19	7.77	6.01	2.23	8.14	6.16	2.28
39.0	5.78	4.97	2.09	6.31	5.27	2.16	6.49	5.36	2.18	6.85	5.54	2.23	7.03	5.63	2.25	7.21	5.71	2.28	7.07	6.36	2.27	7.57	5.86	2.32	7.93	6.00	2.37
41.0	5.62	4.84	2.17	6.15	5.13	2.24	6.32	5.22	2.27	6.67	5.40	2.31	6.85	5.48	2.34	7.02	5.56	2.36	6.88	6.20	2.36	7.37	5.71	2.41	7.72	5.84	2.46
43.0	5.47	4.71	2.25	5.98	4.99	2.32	6.15	5.08	2.35	6.49	5.25	2.40	6.66	5.33	2.42	6.83	5.41	2.45	6.70	6.03	2.45	7.17	5.55	2.50	7.51	5.68	2.55
44.0	5.40	4.65	2.29	5.90	4.93	2.37	6.07	5.01	2.39	6.40	5.18	2.44	6.57	5.26	2.47	6.74	5.33	2.49	6.60	5.95	2.49	7.07	5.48	2.54	7.41	5.61	2.60
45.0	5.32	4.58	2.33	5.82	4.86	2.41	5.98	4.94	2.43	6.31	5.11	2.49	6.48	5.18	2.51	6.65	5.26	2.54	6.51	5.86	2.54	6.98	5.40	2.59	7.31	5.53	2.64
46.0	5.25	4.52	2.37	5.74	4.79	2.45	5.90	4.87	2.48	6.22	5.03	2.53	6.39	5.11	2.55	6.55	5.18	2.58	6.42	5.78	2.58	6.88	5.32	2.63	7.20	5.45	2.69
47.0	5.17	4.45	2.41	5.65	4.72	2.49	5.81	4.80	2.52	6.14	4.96	2.57	6.30	5.04	2.60	6.46	5.11	2.62	6.33	5.70	2.62	6.78	5.25	2.68	7.10	5.37	2.73
48.0	5.10	4.39	2.45	5.57	4.65	2.53	5.73	4.73	2.56	6.05	4.89	2.61	6.20	4.96	2.64	6.36	5.03	2.67	6.23	5.61	2.67	6.68	5.17	2.72	7.00	5.29	2.78
49.0	5.02	4.32	2.49	5.49	4.58	2.57	5.64	4.66	2.60	5.96	4.82	2.66	6.11	4.89	2.68	6.27	4.96	2.71	6.14	5.53	2.71	6.58	5.09	2.77	6.89	5.21	2.82
50.0	4.94	4.26	2.53	5.41	4.51	2.61	5.56	4.59	2.64	5.87	4.74	2.70	6.02	4.82	2.73	6.17	4.89	2.75	6.05	5.45	2.75	6.48	5.02	2.81	6.79	5.14	2.87
51.0	4.87	4.19	2.57	5.32	4.44	2.66	5.47	4.52	2.68	5.78	4.67	2.74	5.93	4.74	2.77	6.08	4.81	2.80	5.96	5.36	2.80	6.38	4.94	2.86	6.68	5.06	2.91
52.0	4.79	4.13	2.61	5.24	4.37	2.70	5.39	4.45	2.73	5.69	4.60	2.78	5.84	4.67	2.81	5.98	4.74	2.84	5.87	5.28	2.84	6.28	4.86	2.90	6.58	4.98	2.96

9. Part load performance

Indoor : RAS-18PKCV-BA, RAS-18PKCV-AE, RAS-18PKCV-OM

Outdoor : RAS-18PACV-BA, RAS-18PACV-AE, RAS-18PACV-OM

Operation range		Cooling	
		Q	P
MINIMUM	W	2650	620
RATING	W	5300	1460
MAXIMUM	W	5830	1850

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	6320	1146	5688	1014	5056	882	4424	750	3792	619	3160	487	3160	487	3160	487	3160	487	3160	487
21	6252	1167	5627	1033	5002	898	4377	764	3751	630	3126	496	3126	496	3126	496	3126	496	3126	496
22	6184	1188	5566	1051	4947	915	4329	778	3711	641	3092	504	3092	504	3092	504	3092	504	3092	504
23	6116	1209	5505	1070	4893	931	4281	792	3670	652	3058	513	3058	513	3058	513	3058	513	3058	513
24	6048	1230	5443	1088	4839	947	4234	805	3629	664	3024	522	3024	522	3024	522	3024	522	3024	522
25	5980	1251	5382	1107	4784	963	4186	819	3588	675	2990	531	2990	531	2990	531	2990	531	2990	531
26	5912	1272	5321	1125	4730	979	4139	833	3547	686	2956	540	2956	540	2956	540	2956	540	2956	540
27	5844	1293	5260	1144	4675	995	4091	846	3506	698	2922	549	2922	549	2922	549	2922	549	2922	549
28	5776	1314	5199	1162	4621	1011	4043	860	3466	709	2888	558	2888	558	2888	558	2888	558	2888	558
29	5708	1334	5137	1181	4566	1027	3996	874	3425	720	2854	567	2854	567	2854	567	2854	567	2854	567
30	5640	1355	5076	1199	4512	1043	3948	887	3384	732	2820	576	2820	576	2820	576	2820	576	2820	576
31	5572	1376	5015	1218	4458	1060	3900	901	3343	743	2786	584	2786	584	2786	584	2786	584	2786	584
32	5504	1397	4954	1236	4403	1076	3853	915	3302	754	2752	593	2752	593	2752	593	2752	593	2752	593
33	5436	1418	4892	1255	4349	1092	3805	929	3262	765	2718	602	2718	602	2718	602	2718	602	2718	602
34	5368	1439	4831	1273	4294	1108	3758	942	3221	777	2684	611	2684	611	2684	611	2684	611	2684	611
35	5300	1460	4770	1292	4240	1124	3710	956	3180	788	2650	620	2650	620	2650	620	2650	620	2650	620
36	5232	1481	4709	1311	4186	1140	3662	970	3139	799	2616	629	2616	629	2616	629	2616	629	2616	629
37	5164	1502	4648	1329	4131	1156	3615	983	3098	811	2582	638	2582	638	2582	638	2582	638	2582	638
38	5096	1523	4586	1348	4077	1172	3567	997	3058	822	2548	647	2548	647	2548	647	2548	647	2548	647
39	5028	1544	4525	1366	4022	1188	3520	1011	3017	833	2514	656	2514	656	2514	656	2514	656	2514	656
40	4960	1565	4464	1385	3968	1205	3472	1025	2976	844	2480	664	2480	664	2480	664	2480	664	2480	664
41	4892	1586	4403	1403	3914	1221	3424	1038	2935	856	2446	673	2446	673	2446	673	2446	673	2446	673
42	4824	1606	4341	1422	3859	1237	3377	1052	2894	867	2412	682	2412	682	2412	682	2412	682	2412	682
43	4756	1627	4280	1440	3805	1253	3329	1066	2854	878	2378	691	2378	691	2378	691	2378	691	2378	691
44	4688	1648	4219	1459	3750	1269	3281	1079	2813	890	2344	700	2344	700	2344	700	2344	700	2344	700
45	4620	1669	4158	1477	3696	1285	3234	1093	2772	901	2310	709	2310	709	2310	709	2310	709	2310	709
46	4552	1690	4097	1496	3641	1301	3186	1107	2731	912	2276	718	2276	718	2276	718	2276	718	2276	718
47	4484	1711	4035	1514	3587	1317	3139	1120	2690	924	2242	727	2242	727	2242	727	2242	727	2242	727
48	4416	1732	3974	1533	3533	1333	3091	1134	2649	935	2208	736	2208	736	2208	736	2208	736	2208	736
49	4348	1753	3913	1551	3478	1350	3043	1148	2609	946	2174	744	2174	744	2174	744	2174	744	2174	744
50	4280	1774	3852	1570	3424	1366	2996	1162	2568	957	2140	753	2140	753	2140	753	2140	753	2140	753
51	4212	1795	3791	1588	3369	1382	2948	1175	2527	969	2106	762	2106	762	2106	762	2106	762	2106	762
52	4144	1816	3729	1607	3315	1398	2901	1189	2486	980	2072	771	2072	771	2072	771	2072	771	2072	771
53	4076	1837	3668	1625	3261	1414	2853	1203	2445	991	2038	780	2038	780	2038	780	2038	780	2038	780
54	4008	1858	3607	1644	3206	1430	2805	1216	2405	1003	2004	789	2004	789	2004	789	2004	789	2004	789

Indoor : RAS-18PKCV-Q

Outdoor : RAS-18PACV-Q

Operation range	Cooling	
	Q	P
MINIMUM	W 2650	620
RATING	W 5300	1460
MAXIMUM	W 5830	1850

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	6320	1146	5688	1014	5056	882	4424	750	3792	619	3160	487	3160	487	3160	487	3160	487	3160	487
21	6252	1167	5627	1033	5002	898	4377	764	3751	630	3126	496	3126	496	3126	496	3126	496	3126	496
22	6184	1188	5566	1051	4947	915	4329	778	3711	641	3092	504	3092	504	3092	504	3092	504	3092	504
23	6116	1209	5505	1070	4893	931	4281	792	3670	652	3058	513	3058	513	3058	513	3058	513	3058	513
24	6048	1230	5443	1088	4839	947	4234	805	3629	664	3024	522	3024	522	3024	522	3024	522	3024	522
25	5980	1251	5382	1107	4784	963	4186	819	3588	675	2990	531	2990	531	2990	531	2990	531	2990	531
26	5912	1272	5321	1125	4730	979	4139	833	3547	686	2956	540	2956	540	2956	540	2956	540	2956	540
27	5844	1293	5260	1144	4675	995	4091	846	3506	698	2922	549	2922	549	2922	549	2922	549	2922	549
28	5776	1314	5199	1162	4621	1011	4043	860	3466	709	2888	558	2888	558	2888	558	2888	558	2888	558
29	5708	1334	5137	1181	4566	1027	3996	874	3425	720	2854	567	2854	567	2854	567	2854	567	2854	567
30	5640	1355	5076	1199	4512	1043	3948	887	3384	732	2820	576	2820	576	2820	576	2820	576	2820	576
31	5572	1376	5015	1218	4458	1060	3900	901	3343	743	2786	584	2786	584	2786	584	2786	584	2786	584
32	5504	1397	4954	1236	4403	1076	3853	915	3302	754	2752	593	2752	593	2752	593	2752	593	2752	593
33	5436	1418	4892	1255	4349	1092	3805	929	3262	765	2718	602	2718	602	2718	602	2718	602	2718	602
34	5368	1439	4831	1273	4294	1108	3758	942	3221	777	2684	611	2684	611	2684	611	2684	611	2684	611
35	5300	1460	4770	1292	4240	1124	3710	956	3180	788	2650	620	2650	620	2650	620	2650	620	2650	620
36	5232	1481	4709	1311	4186	1140	3662	970	3139	799	2616	629	2616	629	2616	629	2616	629	2616	629
37	5164	1502	4648	1329	4131	1156	3615	983	3098	811	2582	638	2582	638	2582	638	2582	638	2582	638
38	5096	1523	4586	1348	4077	1172	3567	997	3058	822	2548	647	2548	647	2548	647	2548	647	2548	647
39	5028	1544	4525	1366	4022	1188	3520	1011	3017	833	2514	656	2514	656	2514	656	2514	656	2514	656
40	4960	1565	4464	1385	3968	1205	3472	1025	2976	844	2480	664	2480	664	2480	664	2480	664	2480	664
41	4892	1586	4403	1403	3914	1221	3424	1038	2935	856	2446	673	2446	673	2446	673	2446	673	2446	673
42	4824	1606	4341	1422	3859	1237	3377	1052	2894	867	2412	682	2412	682	2412	682	2412	682	2412	682
43	4756	1627	4280	1440	3805	1253	3329	1066	2854	878	2378	691	2378	691	2378	691	2378	691	2378	691
44	4688	1648	4219	1459	3750	1269	3281	1079	2813	890	2344	700	2344	700	2344	700	2344	700	2344	700
45	4620	1669	4158	1477	3696	1285	3234	1093	2772	901	2310	709	2310	709	2310	709	2310	709	2310	709
46	4552	1690	4097	1496	3641	1301	3186	1107	2731	912	2276	718	2276	718	2276	718	2276	718	2276	718
47	4484	1711	4035	1514	3587	1317	3139	1120	2690	924	2242	727	2242	727	2242	727	2242	727	2242	727
48	4416	1732	3974	1533	3533	1333	3091	1134	2649	935	2208	736	2208	736	2208	736	2208	736	2208	736
49	4348	1753	3913	1551	3478	1350	3043	1148	2609	946	2174	744	2174	744	2174	744	2174	744	2174	744
50	4280	1774	3852	1570	3424	1366	2996	1162	2568	957	2140	753	2140	753	2140	753	2140	753	2140	753
51	4212	1795	3791	1588	3369	1382	2948	1175	2527	969	2106	762	2106	762	2106	762	2106	762	2106	762
52	4144	1816	3729	1607	3315	1398	2901	1189	2486	980	2072	771	2072	771	2072	771	2072	771	2072	771
53	4076	1837	3668	1625	3261	1414	2853	1203	2445	991	2038	780	2038	780	2038	780	2038	780	2038	780
54	4008	1858	3607	1644	3206	1430	2805	1216	2405	1003	2004	789	2004	789	2004	789	2004	789	2004	789

Indoor : RAS-18PKCV2B
 Outdoor : RAS-18PACV2B

Operation range	Cooling	
	Q	P
MINIMUM	W 2650	620
RATING	W 5280	1460
MAXIMUM	W 5830	1850

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	6296	1146	5667	1014	5037	881	4407	749	3778	617	3160	487	3160	487	3160	487	3160	487	3160	487
21	6229	1167	5606	1032	4983	897	4360	763	3737	628	3126	496	3126	496	3126	496	3126	496	3126	496
22	6161	1188	5545	1051	4929	914	4313	776	3697	639	3092	504	3092	504	3092	504	3092	504	3092	504
23	6093	1209	5484	1069	4874	930	4265	790	3656	650	3058	513	3058	513	3058	513	3058	513	3058	513
24	6025	1230	5423	1088	4820	946	4218	804	3615	662	3024	522	3024	522	3024	522	3024	522	3024	522
25	5958	1251	5362	1106	4766	962	4170	817	3575	673	2990	531	2990	531	2990	531	2990	531	2990	531
26	5890	1272	5301	1125	4712	978	4123	831	3534	684	2956	540	2956	540	2956	540	2956	540	2956	540
27	5822	1293	5240	1143	4658	994	4075	845	3493	695	2922	549	2922	549	2922	549	2922	549	2922	549
28	5754	1314	5179	1162	4603	1010	4028	858	3453	707	2888	558	2888	558	2888	558	2888	558	2888	558
29	5687	1334	5118	1180	4549	1026	3981	872	3412	718	2854	567	2854	567	2854	567	2854	567	2854	567
30	5619	1355	5057	1199	4495	1042	3933	886	3371	729	2820	576	2820	576	2820	576	2820	576	2820	576
31	5551	1376	4996	1217	4441	1058	3886	899	3331	740	2786	584	2786	584	2786	584	2786	584	2786	584
32	5483	1397	4935	1236	4387	1074	3838	913	3290	752	2752	593	2752	593	2752	593	2752	593	2752	593
33	5416	1418	4874	1254	4332	1091	3791	927	3249	763	2718	602	2718	602	2718	602	2718	602	2718	602
34	5348	1439	4813	1273	4278	1107	3743	940	3209	774	2684	611	2684	611	2684	611	2684	611	2684	611
35	5280	1460	4752	1291	4224	1123	3696	954	3168	785	2650	620	2650	620	2650	620	2650	620	2650	620
36	5212	1481	4691	1310	4170	1139	3649	968	3127	797	2616	629	2616	629	2616	629	2616	629	2616	629
37	5144	1502	4630	1328	4116	1155	3601	981	3087	808	2582	638	2582	638	2582	638	2582	638	2582	638
38	5077	1523	4569	1347	4061	1171	3554	995	3046	819	2548	647	2548	647	2548	647	2548	647	2548	647
39	5009	1544	4508	1365	4007	1187	3506	1009	3005	830	2514	656	2514	656	2514	656	2514	656	2514	656
40	4941	1565	4447	1384	3953	1203	3459	1022	2965	842	2480	664	2480	664	2480	664	2480	664	2480	664
41	4873	1586	4386	1402	3899	1219	3411	1036	2924	853	2446	673	2446	673	2446	673	2446	673	2446	673
42	4806	1606	4325	1421	3845	1235	3364	1050	2883	864	2412	682	2412	682	2412	682	2412	682	2412	682
43	4738	1627	4264	1439	3790	1251	3317	1063	2843	876	2378	691	2378	691	2378	691	2378	691	2378	691
44	4670	1648	4203	1458	3736	1268	3269	1077	2802	887	2344	700	2344	700	2344	700	2344	700	2344	700
45	4602	1669	4142	1476	3682	1284	3222	1091	2761	898	2310	709	2310	709	2310	709	2310	709	2310	709
46	4535	1690	4081	1495	3628	1300	3174	1105	2721	909	2276	718	2276	718	2276	718	2276	718	2276	718
47	4467	1711	4020	1513	3574	1316	3127	1118	2680	921	2242	727	2242	727	2242	727	2242	727	2242	727
48	4399	1732	3959	1532	3519	1332	3079	1132	2639	932	2208	736	2208	736	2208	736	2208	736	2208	736
49	4331	1753	3898	1550	3465	1348	3032	1146	2599	943	2174	744	2174	744	2174	744	2174	744	2174	744
50	4264	1774	3837	1569	3411	1364	2985	1159	2558	954	2140	753	2140	753	2140	753	2140	753	2140	753
51	4196	1795	3776	1588	3357	1380	2937	1173	2518	966	2106	762	2106	762	2106	762	2106	762	2106	762
52	4128	1816	3715	1606	3302	1396	2890	1187	2477	977	2072	771	2072	771	2072	771	2072	771	2072	771
53	4060	1837	3654	1625	3248	1412	2842	1200	2436	988	2038	780	2038	780	2038	780	2038	780	2038	780
54	3993	1858	3593	1643	3194	1428	2795	1214	2396	999	2004	789	2004	789	2004	789	2004	789	2004	789

Indoor : RAS-24PKCV-BA, RAS-24PKCV-AE, RAS-24PKCV-OM

Outdoor : RAS-24PACV-BA, RAS-24PACV-AE, RAS-24PACV-OM

Operation range		Cooling	
		Q	P
MINIMUM	W	3300	730
RATING	W	6480	1830
MAXIMUM	W	7100	2060

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	7727	1437	6955	1261	6182	1085	5409	909	4636	733	3935	573	3935	573	3935	573	3935	573	3935	573
21	7644	1463	6880	1284	6115	1104	5351	925	4587	746	3893	584	3893	584	3893	584	3893	584	3893	584
22	7561	1489	6805	1307	6049	1124	5293	942	4537	759	3851	594	3851	594	3851	594	3851	594	3851	594
23	7478	1515	6730	1330	5982	1144	5235	958	4487	773	3808	604	3808	604	3808	604	3808	604	3808	604
24	7395	1541	6655	1353	5916	1164	5176	975	4437	786	3766	615	3766	615	3766	615	3766	615	3766	615
25	7312	1568	6580	1376	5849	1184	5118	992	4387	800	3724	625	3724	625	3724	625	3724	625	3724	625
26	7228	1594	6506	1399	5783	1203	5060	1008	4337	813	3681	636	3681	636	3681	636	3681	636	3681	636
27	7145	1620	6431	1422	5716	1223	5002	1025	4287	826	3639	646	3639	646	3639	646	3639	646	3639	646
28	7062	1646	6356	1445	5650	1243	4943	1041	4237	840	3596	657	3596	657	3596	657	3596	657	3596	657
29	6979	1673	6281	1468	5583	1263	4885	1058	4187	853	3554	667	3554	667	3554	667	3554	667	3554	667
30	6896	1699	6206	1491	5517	1283	4827	1075	4137	867	3512	678	3512	678	3512	678	3512	678	3512	678
31	6813	1725	6131	1514	5450	1302	4769	1091	4088	880	3469	688	3469	688	3469	688	3469	688	3469	688
32	6729	1751	6057	1537	5384	1322	4711	1108	4038	893	3427	699	3427	699	3427	699	3427	699	3427	699
33	6646	1778	5982	1560	5317	1342	4652	1124	3988	907	3385	709	3385	709	3385	709	3385	709	3385	709
34	6563	1804	5907	1583	5251	1362	4594	1141	3938	920	3342	720	3342	720	3342	720	3342	720	3342	720
35	6480	1830	5832	1606	5184	1382	4536	1158	3888	933	3300	730	3300	730	3300	730	3300	730	3300	730
36	6397	1856	5757	1629	5117	1402	4478	1174	3838	947	3258	740	3258	740	3258	740	3258	740	3258	740
37	6314	1882	5682	1652	5051	1421	4420	1191	3788	960	3215	751	3215	751	3215	751	3215	751	3215	751
38	6231	1909	5607	1675	4984	1441	4361	1207	3738	974	3173	761	3173	761	3173	761	3173	761	3173	761
39	6147	1935	5533	1698	4918	1461	4303	1224	3688	987	3131	772	3131	772	3131	772	3131	772	3131	772
40	6064	1961	5458	1721	4851	1481	4245	1241	3639	1000	3088	782	3088	782	3088	782	3088	782	3088	782
41	5981	1987	5383	1744	4785	1501	4187	1257	3589	1014	3046	793	3046	793	3046	793	3046	793	3046	793
42	5898	2014	5308	1767	4718	1520	4129	1274	3539	1027	3004	803	3004	803	3004	803	3004	803	3004	803
43	5815	2040	5233	1790	4652	1540	4070	1290	3489	1040	2961	814	2961	814	2961	814	2961	814	2961	814
44	5732	2066	5158	1813	4585	1560	4012	1307	3439	1054	2919	824	2919	824	2919	824	2919	824	2919	824
45	5648	2092	5084	1836	4519	1580	3954	1323	3389	1067	2877	835	2877	835	2877	835	2877	835	2877	835
46	5565	2119	5009	1859	4452	1600	3896	1340	3339	1081	2834	845	2834	845	2834	845	2834	845	2834	845
47	5482	2145	4934	1882	4386	1619	3837	1357	3289	1094	2792	856	2792	856	2792	856	2792	856	2792	856
48	5323	2140	4791	1878	4258	1616	3726	1354	3194	1092	2711	854	2711	854	2711	854	2711	854	2711	854
49	5178	2140	4660	1878	4143	1616	3625	1354	3107	1092	2637	854	2637	854	2637	854	2637	854	2637	854
50	5037	2140	4533	1878	4030	1616	3526	1354	3022	1092	2565	854	2565	854	2565	854	2565	854	2565	854
51	4899	2140	4409	1878	3919	1616	3429	1354	2940	1092	2495	854	2495	854	2495	854	2495	854	2495	854
52	4765	2140	4288	1878	3812	1616	3335	1354	2859	1092	2426	854	2426	854	2426	854	2426	854	2426	854
53	4633	2140	4170	1878	3706	1616	3243	1354	2780	1092	2359	854	2359	854	2359	854	2359	854	2359	854
54	4504	2140	4054	1878	3603	1616	3153	1354	2703	1092	2294	854	2294	854	2294	854	2294	854	2294	854

Indoor: RAS-24PKCV-Q
Outdoor: RAS-24PACV-Q

Operation range	Cooling		
		Q	P
MINIMUM	W	3300	730
RATING	W	6500	1830
MAXIMUM	W	7100	2060

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	7751	1437	6976	1261	6201	1086	5426	910	4651	735	3935	573	3935	573	3935	573	3935	573	3935	573
21	7668	1463	6901	1284	6134	1106	5367	927	4601	748	3893	584	3893	584	3893	584	3893	584	3893	584
22	7584	1489	6826	1307	6068	1125	5309	944	4551	762	3851	594	3851	594	3851	594	3851	594	3851	594
23	7501	1515	6751	1330	6001	1145	5251	960	4501	775	3808	604	3808	604	3808	604	3808	604	3808	604
24	7418	1541	6676	1353	5934	1165	5192	977	4451	789	3766	615	3766	615	3766	615	3766	615	3766	615
25	7334	1568	6601	1376	5867	1185	5134	993	4401	802	3724	625	3724	625	3724	625	3724	625	3724	625
26	7251	1594	6526	1399	5801	1205	5076	1010	4350	815	3681	636	3681	636	3681	636	3681	636	3681	636
27	7167	1620	6451	1422	5734	1225	5017	1027	4300	829	3639	646	3639	646	3639	646	3639	646	3639	646
28	7084	1646	6376	1445	5667	1244	4959	1043	4250	842	3596	657	3596	657	3596	657	3596	657	3596	657
29	7001	1673	6300	1468	5600	1264	4900	1060	4200	856	3554	667	3554	667	3554	667	3554	667	3554	667
30	6917	1699	6225	1491	5534	1284	4842	1077	4150	869	3512	678	3512	678	3512	678	3512	678	3512	678
31	6834	1725	6150	1514	5467	1304	4784	1093	4100	883	3469	688	3469	688	3469	688	3469	688	3469	688
32	6750	1751	6075	1537	5400	1324	4725	1110	4050	896	3427	699	3427	699	3427	699	3427	699	3427	699
33	6667	1778	6000	1561	5333	1343	4667	1126	4000	909	3385	709	3385	709	3385	709	3385	709	3385	709
34	6583	1804	5925	1584	5267	1363	4608	1143	3950	923	3342	720	3342	720	3342	720	3342	720	3342	720
35	6500	1830	5850	1607	5200	1383	4550	1160	3900	936	3300	730	3300	730	3300	730	3300	730	3300	730
36	6417	1856	5775	1630	5133	1403	4492	1176	3850	950	3258	740	3258	740	3258	740	3258	740	3258	740
37	6333	1882	5700	1653	5067	1423	4433	1193	3800	963	3215	751	3215	751	3215	751	3215	751	3215	751
38	6250	1909	5625	1676	5000	1443	4375	1210	3750	977	3173	761	3173	761	3173	761	3173	761	3173	761
39	6166	1935	5550	1699	4933	1462	4316	1226	3700	990	3131	772	3131	772	3131	772	3131	772	3131	772
40	6083	1961	5475	1722	4866	1482	4258	1243	3650	1003	3088	782	3088	782	3088	782	3088	782	3088	782
41	6000	1987	5400	1745	4800	1502	4200	1259	3600	1017	3046	793	3046	793	3046	793	3046	793	3046	793
42	5916	2014	5324	1768	4733	1522	4141	1276	3550	1030	3004	803	3004	803	3004	803	3004	803	3004	803
43	5833	2040	5249	1791	4666	1542	4083	1293	3500	1044	2961	814	2961	814	2961	814	2961	814	2961	814
44	5749	2066	5174	1814	4599	1562	4024	1309	3450	1057	2919	824	2919	824	2919	824	2919	824	2919	824
45	5666	2092	5099	1837	4533	1581	3966	1326	3400	1070	2877	835	2877	835	2877	835	2877	835	2877	835
46	5582	2119	5024	1860	4466	1601	3908	1343	3349	1084	2834	845	2834	845	2834	845	2834	845	2834	845
47	5499	2145	4949	1883	4399	1621	3849	1359	3299	1097	2792	856	2792	856	2792	856	2792	856	2792	856
48	5369	2152	4832	1889	4295	1627	3758	1364	3221	1101	2726	859	2726	859	2726	859	2726	859	2726	859
49	5223	2152	4700	1889	4178	1627	3656	1364	3134	1101	2652	859	2652	859	2652	859	2652	859	2652	859
50	5080	2152	4572	1889	4064	1627	3556	1364	3048	1101	2579	859	2579	859	2579	859	2579	859	2579	859
51	4941	2152	4447	1889	3953	1627	3459	1364	2965	1101	2509	859	2509	859	2509	859	2509	859	2509	859
52	4806	2152	4325	1889	3844	1627	3364	1364	2883	1101	2440	859	2440	859	2440	859	2440	859	2440	859
53	4673	2152	4206	1889	3738	1627	3271	1364	2804	1101	2372	859	2372	859	2372	859	2372	859	2372	859
54	4543	2152	4089	1889	3634	1627	3180	1364	2726	1101	2306	859	2306	859	2306	859	2306	859	2306	859

Indoor: RAS-24PKCV2B
 Outdoor: RAS-24PACV2B

Operation range		Cooling	
		Q	P
MINIMUM	W	3300	730
RATING	W	6480	1830
MAXIMUM	W	7100	2060

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	7727	1437	6955	1261	6182	1085	5409	909	4636	733	3935	573	3935	573	3935	573	3935	573	3935	573
21	7644	1463	6880	1284	6115	1104	5351	925	4587	746	3893	584	3893	584	3893	584	3893	584	3893	584
22	7561	1489	6805	1307	6049	1124	5293	942	4537	759	3851	594	3851	594	3851	594	3851	594	3851	594
23	7478	1515	6730	1330	5982	1144	5235	958	4487	773	3808	604	3808	604	3808	604	3808	604	3808	604
24	7395	1541	6655	1353	5916	1164	5176	975	4437	786	3766	615	3766	615	3766	615	3766	615	3766	615
25	7312	1568	6580	1376	5849	1184	5118	992	4387	800	3724	625	3724	625	3724	625	3724	625	3724	625
26	7228	1594	6506	1399	5783	1203	5060	1008	4337	813	3681	636	3681	636	3681	636	3681	636	3681	636
27	7145	1620	6431	1422	5716	1223	5002	1025	4287	826	3639	646	3639	646	3639	646	3639	646	3639	646
28	7062	1646	6356	1445	5650	1243	4943	1041	4237	840	3596	657	3596	657	3596	657	3596	657	3596	657
29	6979	1673	6281	1468	5583	1263	4885	1058	4187	853	3554	667	3554	667	3554	667	3554	667	3554	667
30	6896	1699	6206	1491	5517	1283	4827	1075	4137	867	3512	678	3512	678	3512	678	3512	678	3512	678
31	6813	1725	6131	1514	5450	1302	4769	1091	4088	880	3469	688	3469	688	3469	688	3469	688	3469	688
32	6729	1751	6057	1537	5384	1322	4711	1108	4038	893	3427	699	3427	699	3427	699	3427	699	3427	699
33	6646	1778	5982	1560	5317	1342	4652	1124	3988	907	3385	709	3385	709	3385	709	3385	709	3385	709
34	6563	1804	5907	1583	5251	1362	4594	1141	3938	920	3342	720	3342	720	3342	720	3342	720	3342	720
35	6480	1830	5832	1606	5184	1382	4536	1158	3888	933	3300	730	3300	730	3300	730	3300	730	3300	730
36	6397	1856	5757	1629	5117	1402	4478	1174	3838	947	3258	740	3258	740	3258	740	3258	740	3258	740
37	6314	1882	5682	1652	5051	1421	4420	1191	3788	960	3215	751	3215	751	3215	751	3215	751	3215	751
38	6231	1909	5607	1675	4984	1441	4361	1207	3738	974	3173	761	3173	761	3173	761	3173	761	3173	761
39	6147	1935	5533	1698	4918	1461	4303	1224	3688	987	3131	772	3131	772	3131	772	3131	772	3131	772
40	6064	1961	5458	1721	4851	1481	4245	1241	3639	1000	3088	782	3088	782	3088	782	3088	782	3088	782
41	5981	1987	5383	1744	4785	1501	4187	1257	3589	1014	3046	793	3046	793	3046	793	3046	793	3046	793
42	5898	2014	5308	1767	4718	1520	4129	1274	3539	1027	3004	803	3004	803	3004	803	3004	803	3004	803
43	5815	2040	5233	1790	4652	1540	4070	1290	3489	1040	2961	814	2961	814	2961	814	2961	814	2961	814
44	5732	2066	5158	1813	4585	1560	4012	1307	3439	1054	2919	824	2919	824	2919	824	2919	824	2919	824
45	5648	2092	5084	1836	4519	1580	3954	1323	3389	1067	2877	835	2877	835	2877	835	2877	835	2877	835
46	5565	2119	5009	1859	4452	1600	3896	1340	3339	1081	2834	845	2834	845	2834	845	2834	845	2834	845
47	5482	2145	4934	1882	4386	1619	3837	1357	3289	1094	2792	856	2792	856	2792	856	2792	856	2792	856
48	5323	2140	4791	1878	4258	1616	3726	1354	3194	1092	2711	854	2711	854	2711	854	2711	854	2711	854
49	5178	2140	4660	1878	4143	1616	3625	1354	3107	1092	2637	854	2637	854	2637	854	2637	854	2637	854
50	5037	2140	4533	1878	4030	1616	3526	1354	3022	1092	2565	854	2565	854	2565	854	2565	854	2565	854
51	4899	2140	4409	1878	3919	1616	3429	1354	2940	1092	2495	854	2495	854	2495	854	2495	854	2495	854
52	4765	2140	4288	1878	3812	1616	3335	1354	2859	1092	2426	854	2426	854	2426	854	2426	854	2426	854
53	4633	2140	4170	1878	3706	1616	3243	1354	2780	1092	2359	854	2359	854	2359	854	2359	854	2359	854
54	4504	2140	4054	1878	3603	1616	3153	1354	2703	1092	2294	854	2294	854	2294	854	2294	854	2294	854

Indoor: RAS-30PKCV-BA, RAS-30PKCV-AE, RAS-30PKCV-OM

Outdoor: RAS-30PACV-BA, RAS-30PACV-AE, RAS-30PACV-OM

Operation range	Cooling	
	Q	P
MINIMUM	W 3700	780
RATING	W 7400	2080
MAXIMUM	W 9000	3150

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	8825	1633	7942	1429	7060	1225	6177	1021	5295	816	4412	612	4412	612	4412	612	4412	612	4412	612
21	8730	1663	7857	1455	6984	1247	6111	1039	5238	831	4365	623	4365	623	4365	623	4365	623	4365	623
22	8635	1692	7771	1481	6908	1269	6044	1058	5181	846	4317	635	4317	635	4317	635	4317	635	4317	635
23	8540	1722	7686	1507	6832	1292	5978	1076	5124	861	4270	646	4270	646	4270	646	4270	646	4270	646
24	8445	1752	7600	1533	6756	1314	5911	1095	5067	876	4222	657	4222	657	4222	657	4222	657	4222	657
25	8350	1782	7515	1559	6680	1336	5845	1114	5010	891	4175	668	4175	668	4175	668	4175	668	4175	668
26	8255	1812	7429	1585	6604	1359	5778	1132	4953	906	4127	679	4127	679	4127	679	4127	679	4127	679
27	8160	1841	7344	1611	6528	1381	5712	1151	4896	921	4080	691	4080	691	4080	691	4080	691	4080	691
28	8065	1871	7258	1637	6452	1403	5645	1170	4839	936	4032	702	4032	702	4032	702	4032	702	4032	702
29	7970	1901	7173	1663	6376	1426	5579	1188	4782	951	3985	713	3985	713	3985	713	3985	713	3985	713
30	7875	1931	7087	1690	6300	1448	5512	1207	4725	965	3937	724	3937	724	3937	724	3937	724	3937	724
31	7780	1961	7002	1716	6224	1471	5446	1225	4668	980	3890	735	3890	735	3890	735	3890	735	3890	735
32	7685	1991	6916	1742	6148	1493	5379	1244	4611	995	3842	746	3842	746	3842	746	3842	746	3842	746
33	7590	2020	6831	1768	6072	1515	5313	1263	4554	1010	3795	758	3795	758	3795	758	3795	758	3795	758
34	7495	2050	6745	1794	5996	1538	5246	1281	4497	1025	3747	769	3747	769	3747	769	3747	769	3747	769
35	7400	2080	6660	1820	5920	1560	5180	1300	4440	1040	3700	780	3700	780	3700	780	3700	780	3700	780
36	7305	2110	6575	1846	5844	1582	5114	1319	4383	1055	3653	791	3653	791	3653	791	3653	791	3653	791
37	7210	2140	6489	1872	5768	1605	5047	1337	4326	1070	3605	802	3605	802	3605	802	3605	802	3605	802
38	7115	2169	6404	1898	5692	1627	4981	1356	4269	1085	3558	814	3558	814	3558	814	3558	814	3558	814
39	7020	2199	6318	1924	5616	1649	4914	1375	4212	1100	3510	825	3510	825	3510	825	3510	825	3510	825
40	6925	2229	6233	1950	5540	1672	4848	1393	4155	1115	3463	836	3463	836	3463	836	3463	836	3463	836
41	6830	2259	6147	1977	5464	1694	4781	1412	4098	1129	3415	847	3415	847	3415	847	3415	847	3415	847
42	6735	2289	6062	2003	5388	1717	4715	1430	4041	1144	3368	858	3368	858	3368	858	3368	858	3368	858
43	6640	2319	5976	2029	5312	1739	4648	1449	3984	1159	3320	869	3320	869	3320	869	3320	869	3320	869
44	6545	2348	5891	2055	5236	1761	4582	1468	3927	1174	3273	881	3273	881	3273	881	3273	881	3273	881
45	6450	2378	5805	2081	5160	1784	4515	1486	3870	1189	3225	892	3225	892	3225	892	3225	892	3225	892
46	6355	2408	5720	2107	5084	1806	4449	1505	3813	1204	3178	903	3178	903	3178	903	3178	903	3178	903
47	6260	2438	5634	2133	5008	1828	4382	1524	3756	1219	3130	914	3130	914	3130	914	3130	914	3130	914
48	6165	2468	5549	2159	4932	1851	4316	1542	3699	1234	3083	925	3083	925	3083	925	3083	925	3083	925
49	6070	2497	5463	2185	4856	1873	4249	1561	3642	1249	3035	937	3035	937	3035	937	3035	937	3035	937
50	5976	2527	5378	2211	4780	1895	4183	1580	3585	1264	2988	948	2988	948	2988	948	2988	948	2988	948
51	5881	2557	5292	2237	4704	1918	4116	1598	3528	1279	2940	959	2940	959	2940	959	2940	959	2940	959
52	5786	2587	5207	2263	4628	1940	4050	1617	3471	1293	2893	970	2893	970	2893	970	2893	970	2893	970
53	5691	2617	5122	2290	4552	1962	3983	1635	3414	1308	2845	981	2845	981	2845	981	2845	981	2845	981
54	5596	2646	5036	2316	4477	1985	3917	1654	3357	1323	2798	992	2798	992	2798	992	2798	992	2798	992

Indoor: RAS-30PKCV-Q
 Outdoor: RAS-30PACV-Q

Operation range		Cooling	
		Q	P
MINIMUM	W	3700	780
RATING	W	7400	2080
MAXIMUM	W	9000	3150

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	8825	1633	7942	1429	7060	1225	6177	1021	5295	816	4412	612	4412	612	4412	612	4412	612	4412	612
21	8730	1663	7857	1455	6984	1247	6111	1039	5238	831	4365	623	4365	623	4365	623	4365	623	4365	623
22	8635	1692	7771	1481	6908	1269	6044	1058	5181	846	4317	635	4317	635	4317	635	4317	635	4317	635
23	8540	1722	7686	1507	6832	1292	5978	1076	5124	861	4270	646	4270	646	4270	646	4270	646	4270	646
24	8445	1752	7600	1533	6756	1314	5911	1095	5067	876	4222	657	4222	657	4222	657	4222	657	4222	657
25	8350	1782	7515	1559	6680	1336	5845	1114	5010	891	4175	668	4175	668	4175	668	4175	668	4175	668
26	8255	1812	7429	1585	6604	1359	5778	1132	4953	906	4127	679	4127	679	4127	679	4127	679	4127	679
27	8160	1841	7344	1611	6528	1381	5712	1151	4896	921	4080	691	4080	691	4080	691	4080	691	4080	691
28	8065	1871	7258	1637	6452	1403	5645	1170	4839	936	4032	702	4032	702	4032	702	4032	702	4032	702
29	7970	1901	7173	1663	6376	1426	5579	1188	4782	951	3985	713	3985	713	3985	713	3985	713	3985	713
30	7875	1931	7087	1690	6300	1448	5512	1207	4725	965	3937	724	3937	724	3937	724	3937	724	3937	724
31	7780	1961	7002	1716	6224	1471	5446	1225	4668	980	3890	735	3890	735	3890	735	3890	735	3890	735
32	7685	1991	6916	1742	6148	1493	5379	1244	4611	995	3842	746	3842	746	3842	746	3842	746	3842	746
33	7590	2020	6831	1768	6072	1515	5313	1263	4554	1010	3795	758	3795	758	3795	758	3795	758	3795	758
34	7495	2050	6745	1794	5996	1538	5246	1281	4497	1025	3747	769	3747	769	3747	769	3747	769	3747	769
35	7400	2080	6660	1820	5920	1560	5180	1300	4440	1040	3700	780	3700	780	3700	780	3700	780	3700	780
36	7305	2110	6575	1846	5844	1582	5114	1319	4383	1055	3653	791	3653	791	3653	791	3653	791	3653	791
37	7210	2140	6489	1872	5768	1605	5047	1337	4326	1070	3605	802	3605	802	3605	802	3605	802	3605	802
38	7115	2169	6404	1898	5692	1627	4981	1356	4269	1085	3558	814	3558	814	3558	814	3558	814	3558	814
39	7020	2199	6318	1924	5616	1649	4914	1375	4212	1100	3510	825	3510	825	3510	825	3510	825	3510	825
40	6925	2229	6233	1950	5540	1672	4848	1393	4155	1115	3463	836	3463	836	3463	836	3463	836	3463	836
41	6830	2259	6147	1977	5464	1694	4781	1412	4098	1129	3415	847	3415	847	3415	847	3415	847	3415	847
42	6735	2289	6062	2003	5388	1717	4715	1430	4041	1144	3368	858	3368	858	3368	858	3368	858	3368	858
43	6640	2319	5976	2029	5312	1739	4648	1449	3984	1159	3320	869	3320	869	3320	869	3320	869	3320	869
44	6545	2348	5891	2055	5236	1761	4582	1468	3927	1174	3273	881	3273	881	3273	881	3273	881	3273	881
45	6450	2378	5805	2081	5160	1784	4515	1486	3870	1189	3225	892	3225	892	3225	892	3225	892	3225	892
46	6355	2408	5720	2107	5084	1806	4449	1505	3813	1204	3178	903	3178	903	3178	903	3178	903	3178	903
47	6260	2438	5634	2133	5008	1828	4382	1524	3756	1219	3130	914	3130	914	3130	914	3130	914	3130	914
48	6165	2468	5549	2159	4932	1851	4316	1542	3699	1234	3083	925	3083	925	3083	925	3083	925	3083	925
49	6070	2497	5463	2185	4856	1873	4249	1561	3642	1249	3035	937	3035	937	3035	937	3035	937	3035	937
50	5976	2527	5378	2211	4780	1895	4183	1580	3585	1264	2988	948	2988	948	2988	948	2988	948	2988	948
51	5881	2557	5292	2237	4704	1918	4116	1598	3528	1279	2940	959	2940	959	2940	959	2940	959	2940	959
52	5786	2587	5207	2263	4628	1940	4050	1617	3471	1293	2893	970	2893	970	2893	970	2893	970	2893	970
53	5691	2617	5122	2290	4552	1962	3983	1635	3414	1308	2845	981	2845	981	2845	981	2845	981	2845	981
54	5596	2646	5036	2316	4477	1985	3917	1654	3357	1323	2798	992	2798	992	2798	992	2798	992	2798	992

Indoor : RAS-30PKCV2B
 Outdoor : RAS-30PACV2B

Operation range	Cooling	
	Q	P
MINIMUM	W 3700	780
RATING	W 7400	2080
MAXIMUM	W 9000	3150

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	8825	1633	7942	1429	7060	1225	6177	1021	5295	816	4412	612	4412	612	4412	612	4412	612	4412	612
21	8730	1663	7857	1455	6984	1247	6111	1039	5238	831	4365	623	4365	623	4365	623	4365	623	4365	623
22	8635	1692	7771	1481	6908	1269	6044	1058	5181	846	4317	635	4317	635	4317	635	4317	635	4317	635
23	8540	1722	7686	1507	6832	1292	5978	1076	5124	861	4270	646	4270	646	4270	646	4270	646	4270	646
24	8445	1752	7600	1533	6756	1314	5911	1095	5067	876	4222	657	4222	657	4222	657	4222	657	4222	657
25	8350	1782	7515	1559	6680	1336	5845	1114	5010	891	4175	668	4175	668	4175	668	4175	668	4175	668
26	8255	1812	7429	1585	6604	1359	5778	1132	4953	906	4127	679	4127	679	4127	679	4127	679	4127	679
27	8160	1841	7344	1611	6528	1381	5712	1151	4896	921	4080	691	4080	691	4080	691	4080	691	4080	691
28	8065	1871	7258	1637	6452	1403	5645	1170	4839	936	4032	702	4032	702	4032	702	4032	702	4032	702
29	7970	1901	7173	1663	6376	1426	5579	1188	4782	951	3985	713	3985	713	3985	713	3985	713	3985	713
30	7875	1931	7087	1690	6300	1448	5512	1207	4725	965	3937	724	3937	724	3937	724	3937	724	3937	724
31	7780	1961	7002	1716	6224	1471	5446	1225	4668	980	3890	735	3890	735	3890	735	3890	735	3890	735
32	7685	1991	6916	1742	6148	1493	5379	1244	4611	995	3842	746	3842	746	3842	746	3842	746	3842	746
33	7590	2020	6831	1768	6072	1515	5313	1263	4554	1010	3795	758	3795	758	3795	758	3795	758	3795	758
34	7495	2050	6745	1794	5996	1538	5246	1281	4497	1025	3747	769	3747	769	3747	769	3747	769	3747	769
35	7400	2080	6660	1820	5920	1560	5180	1300	4440	1040	3700	780	3700	780	3700	780	3700	780	3700	780
36	7305	2110	6575	1846	5844	1582	5114	1319	4383	1055	3653	791	3653	791	3653	791	3653	791	3653	791
37	7210	2140	6489	1872	5768	1605	5047	1337	4326	1070	3605	802	3605	802	3605	802	3605	802	3605	802
38	7115	2169	6404	1898	5692	1627	4981	1356	4269	1085	3558	814	3558	814	3558	814	3558	814	3558	814
39	7020	2199	6318	1924	5616	1649	4914	1375	4212	1100	3510	825	3510	825	3510	825	3510	825	3510	825
40	6925	2229	6233	1950	5540	1672	4848	1393	4155	1115	3463	836	3463	836	3463	836	3463	836	3463	836
41	6830	2259	6147	1977	5464	1694	4781	1412	4098	1129	3415	847	3415	847	3415	847	3415	847	3415	847
42	6735	2289	6062	2003	5388	1717	4715	1430	4041	1144	3368	858	3368	858	3368	858	3368	858	3368	858
43	6640	2319	5976	2029	5312	1739	4648	1449	3984	1159	3320	869	3320	869	3320	869	3320	869	3320	869
44	6545	2348	5891	2055	5236	1761	4582	1468	3927	1174	3273	881	3273	881	3273	881	3273	881	3273	881
45	6450	2378	5805	2081	5160	1784	4515	1486	3870	1189	3225	892	3225	892	3225	892	3225	892	3225	892
46	6355	2408	5720	2107	5084	1806	4449	1505	3813	1204	3178	903	3178	903	3178	903	3178	903	3178	903
47	6260	2438	5634	2133	5008	1828	4382	1524	3756	1219	3130	914	3130	914	3130	914	3130	914	3130	914
48	6165	2468	5549	2159	4932	1851	4316	1542	3699	1234	3083	925	3083	925	3083	925	3083	925	3083	925
49	6070	2497	5463	2185	4856	1873	4249	1561	3642	1249	3035	937	3035	937	3035	937	3035	937	3035	937
50	5976	2527	5378	2211	4780	1895	4183	1580	3585	1264	2988	948	2988	948	2988	948	2988	948	2988	948
51	5881	2557	5292	2237	4704	1918	4116	1598	3528	1279	2940	959	2940	959	2940	959	2940	959	2940	959
52	5786	2587	5207	2263	4628	1940	4050	1617	3471	1293	2893	970	2893	970	2893	970	2893	970	2893	970
53	5691	2617	5122	2290	4552	1962	3983	1635	3414	1308	2845	981	2845	981	2845	981	2845	981	2845	981
54	5596	2646	5036	2316	4477	1985	3917	1654	3357	1323	2798	992	2798	992	2798	992	2798	992	2798	992

9. Performance Characteristic

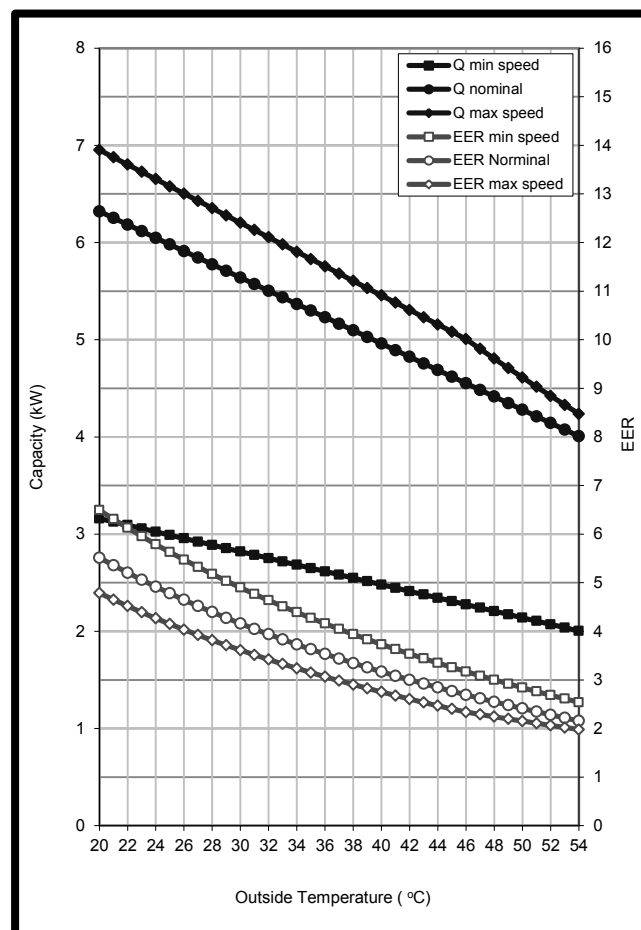
Model : RAS-18PKCV-BA / RAS-18PACV-BA
 RAS-18PKCV-AE / RAS-18PACV-AE
 RAS-18PKCV-OM / RAS-18PACV-OM

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27 °C DB/19°C WB Out: 35°C DB/24°C WB	Min	2.65	0.62	4.27
	Rated	5.30	1.46	3.63
	Max	5.83	1.85	3.15

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	3.16	0.49	6.49	6.32	1.15	5.51	6.95	1.45	4.79
21	3.13	0.50	6.31	6.25	1.17	5.36	6.88	1.48	4.65
22	3.09	0.50	6.13	6.18	1.19	5.21	6.80	1.51	4.52
23	3.06	0.51	5.96	6.12	1.21	5.06	6.73	1.53	4.39
24	3.02	0.52	5.79	6.05	1.23	4.92	6.65	1.56	4.27
25	2.99	0.53	5.63	5.98	1.25	4.78	6.58	1.58	4.15
26	2.96	0.54	5.47	5.91	1.27	4.65	6.50	1.61	4.04
27	2.92	0.55	5.32	5.84	1.29	4.52	6.43	1.64	3.92
28	2.89	0.56	5.18	5.78	1.31	4.40	6.35	1.66	3.82
29	2.85	0.57	5.04	5.71	1.33	4.28	6.28	1.69	3.71
30	2.82	0.58	4.90	5.64	1.36	4.16	6.20	1.72	3.61
31	2.79	0.58	4.77	5.57	1.38	4.05	6.13	1.74	3.51
32	2.75	0.59	4.64	5.50	1.40	3.94	6.05	1.77	3.42
33	2.72	0.60	4.51	5.44	1.42	3.83	5.98	1.80	3.33
34	2.68	0.61	4.39	5.37	1.44	3.73	5.90	1.82	3.24
35	2.65	0.62	4.27	5.30	1.46	3.63	5.83	1.85	3.15
36	2.62	0.63	4.16	5.23	1.48	3.53	5.76	1.88	3.07
37	2.58	0.64	4.05	5.16	1.50	3.44	5.68	1.90	2.98
38	2.55	0.65	3.94	5.10	1.52	3.35	5.61	1.93	2.91
39	2.51	0.66	3.83	5.03	1.54	3.26	5.53	1.96	2.83
40	2.48	0.66	3.73	4.96	1.56	3.17	5.46	1.98	2.75
41	2.45	0.67	3.63	4.89	1.59	3.09	5.38	2.01	2.68
42	2.41	0.68	3.54	4.82	1.61	3.00	5.31	2.04	2.61
43	2.38	0.69	3.44	4.76	1.63	2.92	5.23	2.06	2.54
44	2.34	0.70	3.35	4.69	1.65	2.84	5.16	2.09	2.47
45	2.31	0.71	3.26	4.62	1.67	2.77	5.08	2.12	2.40
46	2.28	0.72	3.17	4.55	1.69	2.69	5.01	2.14	2.34
47	2.24	0.73	3.09	4.48	1.71	2.62	4.91	2.14	2.29
48	2.21	0.74	3.00	4.42	1.73	2.55	4.81	2.14	2.24
49	2.17	0.74	2.92	4.35	1.75	2.48	4.71	2.14	2.20
50	2.14	0.75	2.84	4.28	1.77	2.41	4.61	2.14	2.15
51	2.11	0.76	2.76	4.21	1.79	2.35	4.52	2.14	2.11
52	2.07	0.77	2.69	4.14	1.82	2.28	4.42	2.14	2.06
53	2.04	0.78	2.61	4.08	1.84	2.22	4.33	2.14	2.02
54	2.00	0.79	2.54	4.01	1.86	2.16	4.24	2.14	1.98



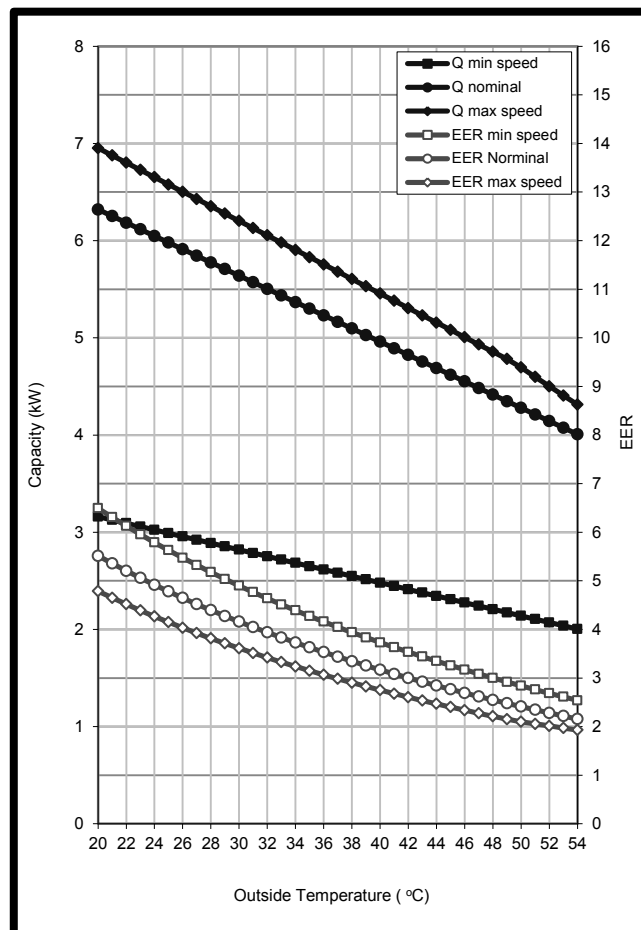
Model : RAS-18PKCV-Q / RAS-18PACV-Q

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27 °C DB/19°C WB Out: 35 °C DB/24°C WB	Min	2.65	0.62	4.27
	Rated	5.30	1.46	3.63
	Max	5.83	1.85	3.15

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	3.16	0.49	6.49	6.32	1.15	5.51	6.95	1.45	4.79
21	3.13	0.50	6.31	6.25	1.17	5.36	6.88	1.48	4.65
22	3.09	0.50	6.13	6.18	1.19	5.21	6.80	1.51	4.52
23	3.06	0.51	5.96	6.12	1.21	5.06	6.73	1.53	4.39
24	3.02	0.52	5.79	6.05	1.23	4.92	6.65	1.56	4.27
25	2.99	0.53	5.63	5.98	1.25	4.78	6.58	1.58	4.15
26	2.96	0.54	5.47	5.91	1.27	4.65	6.50	1.61	4.04
27	2.92	0.55	5.32	5.84	1.29	4.52	6.43	1.64	3.92
28	2.89	0.56	5.18	5.78	1.31	4.40	6.35	1.66	3.82
29	2.85	0.57	5.04	5.71	1.33	4.28	6.28	1.69	3.71
30	2.82	0.58	4.90	5.64	1.36	4.16	6.20	1.72	3.61
31	2.79	0.58	4.77	5.57	1.38	4.05	6.13	1.74	3.51
32	2.75	0.59	4.64	5.50	1.40	3.94	6.05	1.77	3.42
33	2.72	0.60	4.51	5.44	1.42	3.83	5.98	1.80	3.33
34	2.68	0.61	4.39	5.37	1.44	3.73	5.90	1.82	3.24
35	2.65	0.62	4.27	5.30	1.46	3.63	5.83	1.85	3.15
36	2.62	0.63	4.16	5.23	1.48	3.53	5.76	1.88	3.07
37	2.58	0.64	4.05	5.16	1.50	3.44	5.68	1.90	2.98
38	2.55	0.65	3.94	5.10	1.52	3.35	5.61	1.93	2.91
39	2.51	0.66	3.83	5.03	1.54	3.26	5.53	1.96	2.83
40	2.48	0.66	3.73	4.96	1.56	3.17	5.46	1.98	2.75
41	2.45	0.67	3.63	4.89	1.59	3.09	5.38	2.01	2.68
42	2.41	0.68	3.54	4.82	1.61	3.00	5.31	2.04	2.61
43	2.38	0.69	3.44	4.76	1.63	2.92	5.23	2.06	2.54
44	2.34	0.70	3.35	4.69	1.65	2.84	5.16	2.09	2.47
45	2.31	0.71	3.26	4.62	1.67	2.77	5.08	2.12	2.40
46	2.28	0.72	3.17	4.55	1.69	2.69	5.01	2.14	2.34
47	2.24	0.73	3.09	4.48	1.71	2.62	4.93	2.17	2.27
48	2.21	0.74	3.00	4.42	1.73	2.55	4.86	2.19	2.21
49	2.17	0.74	2.92	4.35	1.75	2.48	4.78	2.22	2.15
50	2.14	0.75	2.84	4.28	1.77	2.41	4.70	2.23	2.10
51	2.11	0.76	2.76	4.21	1.79	2.35	4.60	2.23	2.06
52	2.07	0.77	2.69	4.14	1.82	2.28	4.50	2.23	2.01
53	2.04	0.78	2.61	4.08	1.84	2.22	4.41	2.23	1.97
54	2.00	0.79	2.54	4.01	1.86	2.16	4.31	2.23	1.93



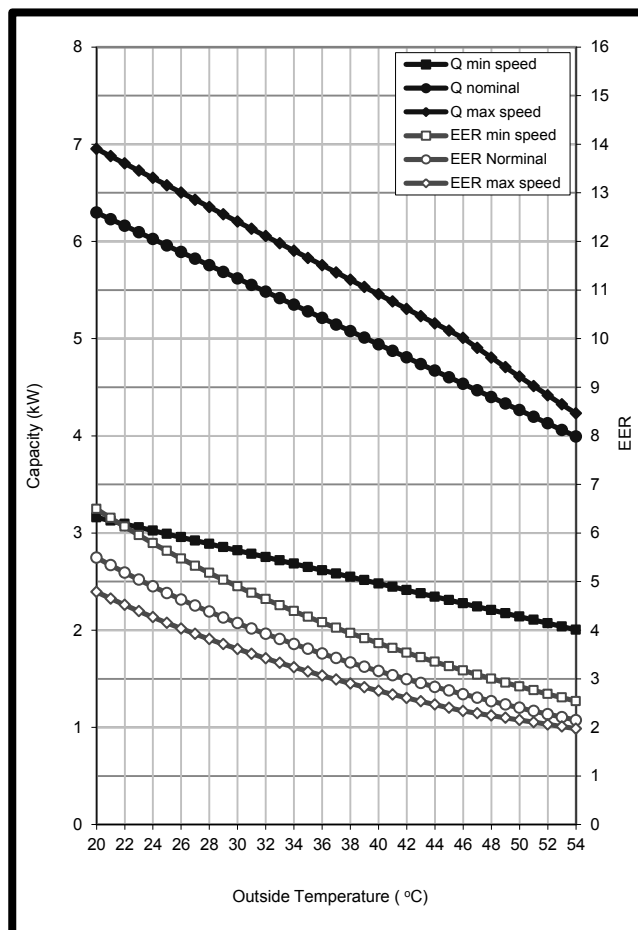
Model : RAS-18PKCV2B / RAS-18PACV2B

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	2.65	0.62	4.27
	Rated	5.28	1.46	3.62
	Max	5.83	1.85	3.15

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	3.16	0.49	6.49	6.30	1.15	5.49	6.95	1.45	4.79
21	3.13	0.50	6.31	6.23	1.17	5.34	6.88	1.48	4.65
22	3.09	0.50	6.13	6.16	1.19	5.19	6.80	1.51	4.52
23	3.06	0.51	5.96	6.09	1.21	5.04	6.73	1.53	4.39
24	3.02	0.52	5.79	6.03	1.23	4.90	6.65	1.56	4.27
25	2.99	0.53	5.63	5.96	1.25	4.76	6.58	1.58	4.15
26	2.96	0.54	5.47	5.89	1.27	4.63	6.50	1.61	4.04
27	2.92	0.55	5.32	5.82	1.29	4.50	6.43	1.64	3.92
28	2.89	0.56	5.18	5.75	1.31	4.38	6.35	1.66	3.82
29	2.85	0.57	5.04	5.69	1.33	4.26	6.28	1.69	3.71
30	2.82	0.58	4.90	5.62	1.36	4.15	6.20	1.72	3.61
31	2.79	0.58	4.77	5.55	1.38	4.03	6.13	1.74	3.51
32	2.75	0.59	4.64	5.48	1.40	3.92	6.05	1.77	3.42
33	2.72	0.60	4.51	5.42	1.42	3.82	5.98	1.80	3.33
34	2.68	0.61	4.39	5.35	1.44	3.72	5.90	1.82	3.24
35	2.65	0.62	4.27	5.28	1.46	3.62	5.83	1.85	3.15
36	2.62	0.63	4.16	5.21	1.48	3.52	5.76	1.88	3.07
37	2.58	0.64	4.05	5.14	1.50	3.43	5.68	1.90	2.98
38	2.55	0.65	3.94	5.08	1.52	3.33	5.61	1.93	2.91
39	2.51	0.66	3.83	5.01	1.54	3.24	5.53	1.96	2.83
40	2.48	0.66	3.73	4.94	1.56	3.16	5.46	1.98	2.75
41	2.45	0.67	3.63	4.87	1.59	3.07	5.38	2.01	2.68
42	2.41	0.68	3.54	4.81	1.61	2.99	5.31	2.04	2.61
43	2.38	0.69	3.44	4.74	1.63	2.91	5.23	2.06	2.54
44	2.34	0.70	3.35	4.67	1.65	2.83	5.16	2.09	2.47
45	2.31	0.71	3.26	4.60	1.67	2.76	5.08	2.12	2.40
46	2.28	0.72	3.17	4.53	1.69	2.68	5.01	2.14	2.34
47	2.24	0.73	3.09	4.47	1.71	2.61	4.91	2.14	2.29
48	2.21	0.74	3.00	4.40	1.73	2.54	4.80	2.14	2.24
49	2.17	0.74	2.92	4.33	1.75	2.47	4.71	2.14	2.20
50	2.14	0.75	2.84	4.26	1.77	2.40	4.61	2.14	2.15
51	2.11	0.76	2.76	4.20	1.79	2.34	4.51	2.14	2.11
52	2.07	0.77	2.69	4.13	1.82	2.27	4.42	2.14	2.06
53	2.04	0.78	2.61	4.06	1.84	2.21	4.32	2.14	2.02
54	2.00	0.79	2.54	3.99	1.86	2.15	4.23	2.14	1.98



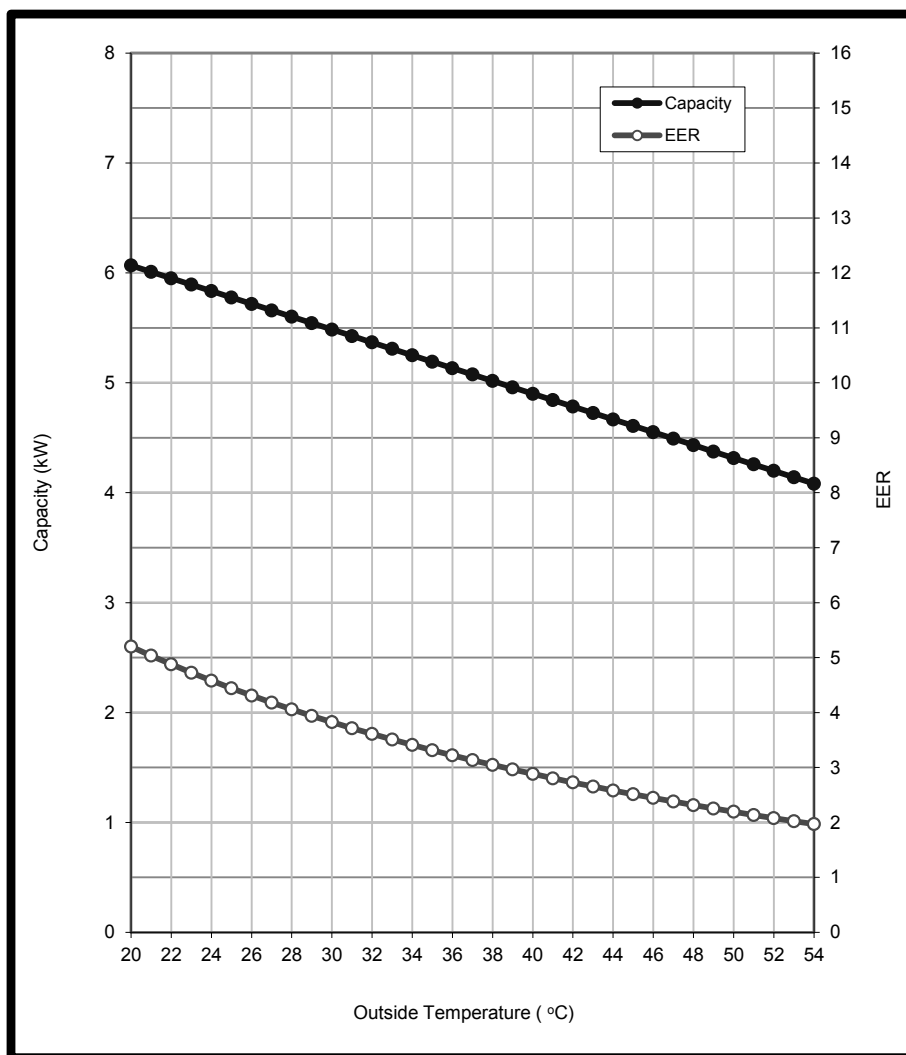
Model : RAS-18PKCV-BA / RAS-18PACV-BA
 RAS-18PKCV-Q / RAS-18PACV-Q
 RAS-18PKCV-AE / RAS-18PACV-AE
 RAS-18PKCV-OM / RAS-18PACV-OM

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T3 In: 29°C DB/19°C WB Out: 46°C DB/24°C WB	Rated	4.55	1.86	2.45

Cooling performance characteristic :

Outside Temp (°C)	Nominal capacity		
	Capacity (kW)	Power (kW)	EER (-)
20	6.07	1.17	5.20
21	6.01	1.19	5.04
22	5.95	1.22	4.88
23	5.89	1.25	4.73
24	5.83	1.27	4.58
25	5.78	1.30	4.44
26	5.72	1.33	4.31
27	5.66	1.35	4.18
28	5.60	1.38	4.06
29	5.54	1.41	3.94
30	5.48	1.43	3.83
31	5.43	1.46	3.72
32	5.37	1.49	3.61
33	5.31	1.51	3.51
34	5.25	1.54	3.41
35	5.19	1.57	3.31
36	5.13	1.59	3.22
37	5.08	1.62	3.13
38	5.02	1.65	3.05
39	4.96	1.67	2.96
40	4.90	1.70	2.88
41	4.84	1.73	2.80
42	4.78	1.75	2.73
43	4.73	1.78	2.65
44	4.67	1.81	2.58
45	4.61	1.83	2.51
46	4.55	1.86	2.45
47	4.49	1.89	2.38
48	4.43	1.91	2.32
49	4.37	1.94	2.26
50	4.32	1.97	2.19
51	4.26	1.99	2.14
52	4.20	2.02	2.08
53	4.14	2.05	2.02
54	4.08	2.07	1.97



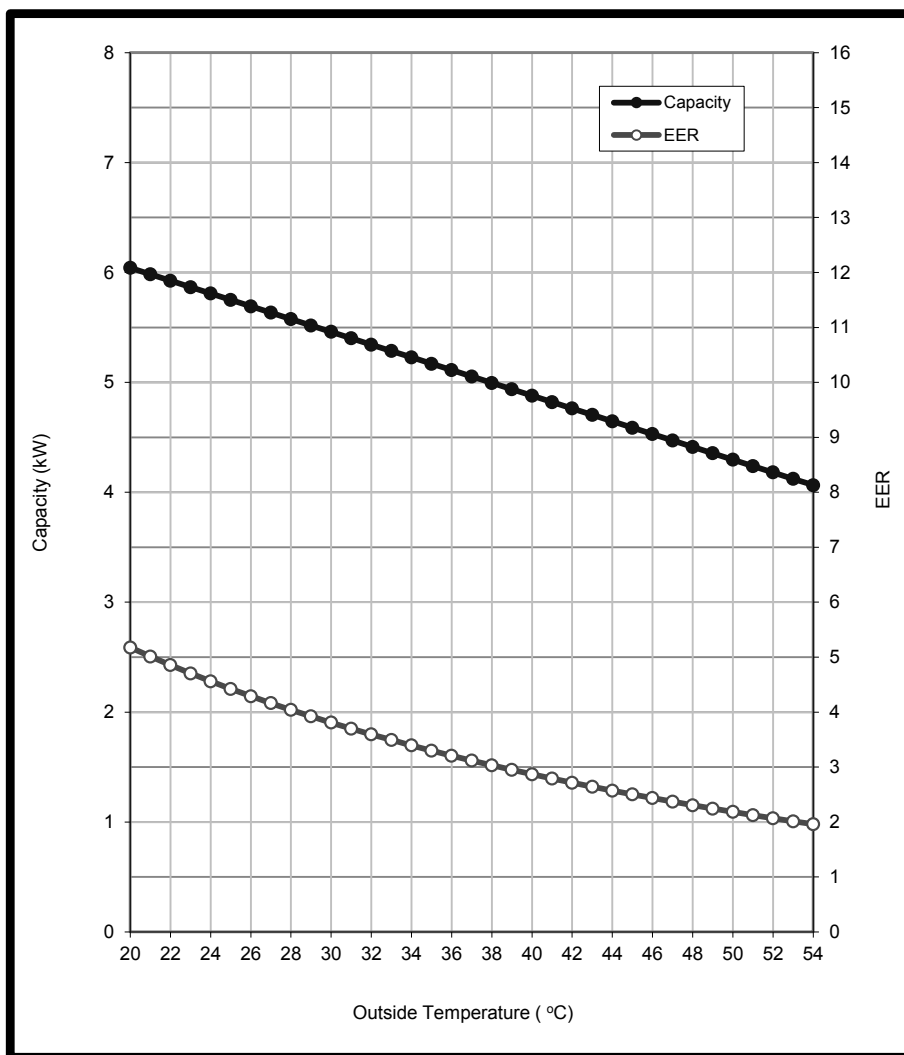
Model : RAS-18PKCV2B / RAS-18PACV2B

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T3 In: 29°C DB/19°C WB Out: 46°C DB/24°C WB	Rated	4.53	1.86	2.44

Cooling performance characteristic :

Outside Temp (°C)	Nominal capacity		
	Capacity (kW)	Power (kW)	EER (-)
20	6.04	1.17	5.18
21	5.98	1.19	5.01
22	5.93	1.22	4.86
23	5.87	1.25	4.71
24	5.81	1.27	4.56
25	5.75	1.30	4.42
26	5.69	1.33	4.29
27	5.63	1.35	4.16
28	5.58	1.38	4.04
29	5.52	1.41	3.92
30	5.46	1.43	3.81
31	5.40	1.46	3.70
32	5.34	1.49	3.59
33	5.29	1.51	3.49
34	5.23	1.54	3.39
35	5.17	1.57	3.30
36	5.11	1.59	3.21
37	5.05	1.62	3.12
38	5.00	1.65	3.03
39	4.94	1.67	2.95
40	4.88	1.70	2.87
41	4.82	1.73	2.79
42	4.76	1.75	2.72
43	4.70	1.78	2.64
44	4.65	1.81	2.57
45	4.59	1.83	2.50
46	4.53	1.86	2.44
47	4.47	1.89	2.37
48	4.41	1.91	2.31
49	4.36	1.94	2.25
50	4.30	1.97	2.19
51	4.24	1.99	2.13
52	4.18	2.02	2.07
53	4.12	2.05	2.01
54	4.06	2.07	1.96



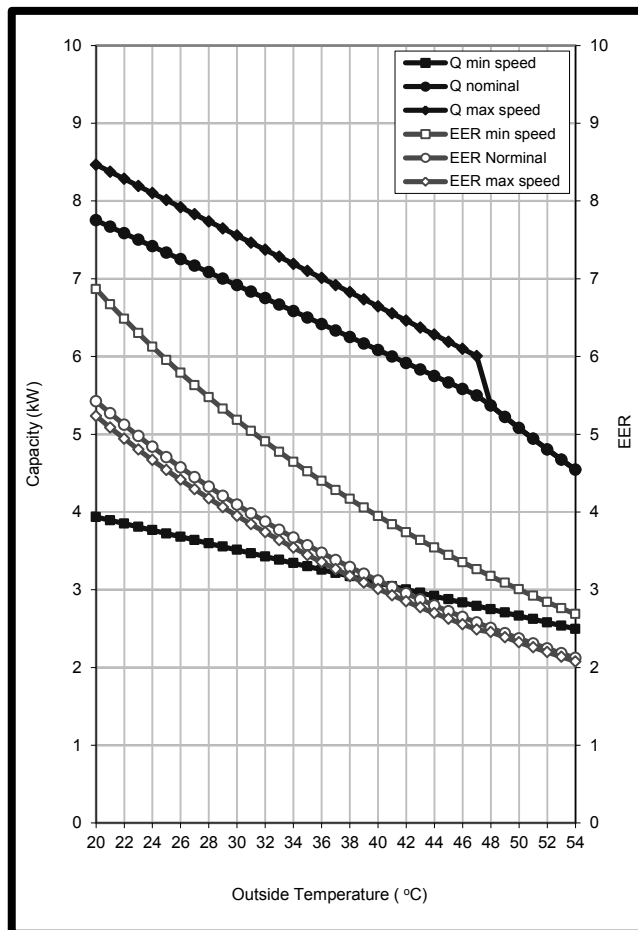
Model : RAS-24PKCV-BA / RAS-24PACV-BA
 RAS-24PKCV-AE / RAS-24PACV-AE
 RAS-24PKCV-OM / RAS-24PACV-OM

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	3.30	0.73	4.52
	Rated	6.50	1.82	3.57
	Max	7.10	2.06	3.45

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	3.94	0.57	6.87	7.75	1.43	5.43	8.47	1.62	5.24
21	3.89	0.58	6.67	7.67	1.45	5.27	8.38	1.65	5.09
22	3.85	0.59	6.48	7.58	1.48	5.12	8.28	1.68	4.94
23	3.81	0.60	6.30	7.50	1.51	4.98	8.19	1.71	4.80
24	3.77	0.61	6.12	7.42	1.53	4.84	8.10	1.74	4.67
25	3.72	0.63	5.95	7.33	1.56	4.70	8.01	1.76	4.54
26	3.68	0.64	5.79	7.25	1.59	4.57	7.92	1.79	4.41
27	3.64	0.65	5.63	7.17	1.61	4.45	7.83	1.82	4.29
28	3.60	0.66	5.48	7.08	1.64	4.33	7.74	1.85	4.18
29	3.55	0.67	5.33	7.00	1.66	4.21	7.65	1.88	4.06
30	3.51	0.68	5.18	6.92	1.69	4.09	7.56	1.91	3.95
31	3.47	0.69	5.04	6.83	1.72	3.98	7.46	1.94	3.84
32	3.43	0.70	4.91	6.75	1.74	3.88	7.37	1.97	3.74
33	3.38	0.71	4.77	6.67	1.77	3.77	7.28	2.00	3.64
34	3.34	0.72	4.65	6.58	1.79	3.67	7.19	2.03	3.54
35	3.30	0.73	4.52	6.50	1.82	3.57	7.10	2.06	3.45
36	3.26	0.74	4.40	6.42	1.85	3.48	7.01	2.09	3.35
37	3.22	0.75	4.28	6.33	1.87	3.38	6.92	2.12	3.26
38	3.17	0.76	4.17	6.25	1.90	3.29	6.83	2.15	3.18
39	3.13	0.77	4.06	6.17	1.92	3.20	6.74	2.18	3.09
40	3.09	0.78	3.95	6.08	1.95	3.12	6.64	2.21	3.01
41	3.05	0.79	3.84	6.00	1.98	3.04	6.55	2.24	2.93
42	3.00	0.80	3.74	5.92	2.00	2.95	6.46	2.27	2.85
43	2.96	0.81	3.64	5.83	2.03	2.88	6.37	2.30	2.77
44	2.92	0.82	3.54	5.75	2.05	2.80	6.28	2.33	2.70
45	2.88	0.83	3.45	5.67	2.08	2.72	6.19	2.36	2.63
46	2.83	0.85	3.35	5.58	2.11	2.65	6.10	2.38	2.56
47	2.79	0.86	3.26	5.50	2.13	2.58	6.01	2.41	2.49
48	2.75	0.87	3.17	5.37	2.14	2.51	5.93	2.44	2.42
49	2.71	0.88	3.09	5.22	2.14	2.44	5.84	2.47	2.35
50	2.66	0.89	3.00	5.08	2.14	2.37	5.75	2.50	2.28
51	2.62	0.90	2.92	4.94	2.14	2.31	5.66	2.53	2.21
52	2.58	0.91	2.84	4.81	2.14	2.25	5.57	2.56	2.14
53	2.54	0.92	2.76	4.67	2.14	2.18	5.48	2.59	2.07
54	2.50	0.93	2.69	4.54	2.14	2.12	5.39	2.62	2.00



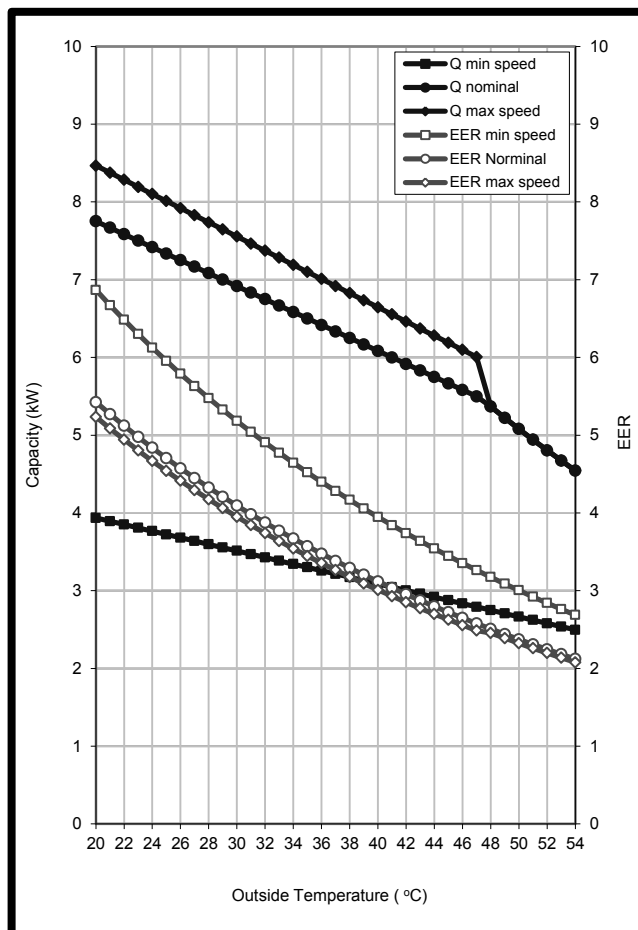
Model : RAS-24PKCV-Q / RAS-24PACV-Q

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	3.30	0.73	4.52
	Rated	6.50	1.82	3.57
	Max	7.10	2.06	3.45

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	3.94	0.57	6.87	7.75	1.43	5.43	8.47	1.62	5.24
21	3.89	0.58	6.67	7.67	1.45	5.27	8.38	1.65	5.09
22	3.85	0.59	6.48	7.58	1.48	5.12	8.28	1.68	4.94
23	3.81	0.60	6.30	7.50	1.51	4.98	8.19	1.71	4.80
24	3.77	0.61	6.12	7.42	1.53	4.84	8.10	1.74	4.67
25	3.72	0.63	5.95	7.33	1.56	4.70	8.01	1.76	4.54
26	3.68	0.64	5.79	7.25	1.59	4.57	7.92	1.79	4.41
27	3.64	0.65	5.63	7.17	1.61	4.45	7.83	1.82	4.29
28	3.60	0.66	5.48	7.08	1.64	4.33	7.74	1.85	4.18
29	3.55	0.67	5.33	7.00	1.66	4.21	7.65	1.88	4.06
30	3.51	0.68	5.18	6.92	1.69	4.09	7.56	1.91	3.95
31	3.47	0.69	5.04	6.83	1.72	3.98	7.46	1.94	3.84
32	3.43	0.70	4.91	6.75	1.74	3.88	7.37	1.97	3.74
33	3.38	0.71	4.77	6.67	1.77	3.77	7.28	2.00	3.64
34	3.34	0.72	4.65	6.58	1.79	3.67	7.19	2.03	3.54
35	3.30	0.73	4.52	6.50	1.82	3.57	7.10	2.06	3.45
36	3.26	0.74	4.40	6.42	1.85	3.48	7.01	2.09	3.35
37	3.22	0.75	4.28	6.33	1.87	3.38	6.92	2.12	3.26
38	3.17	0.76	4.17	6.25	1.90	3.29	6.83	2.15	3.18
39	3.13	0.77	4.06	6.17	1.92	3.20	6.74	2.18	3.09
40	3.09	0.78	3.95	6.08	1.95	3.12	6.64	2.21	3.01
41	3.05	0.79	3.84	6.00	1.98	3.04	6.55	2.24	2.93
42	3.00	0.80	3.74	5.92	2.00	2.95	6.46	2.27	2.85
43	2.96	0.81	3.64	5.83	2.03	2.88	6.37	2.30	2.77
44	2.92	0.82	3.54	5.75	2.05	2.80	6.28	2.33	2.70
45	2.88	0.83	3.45	5.67	2.08	2.72	6.19	2.36	2.63
46	2.83	0.85	3.35	5.58	2.11	2.65	6.10	2.38	2.56
47	2.79	0.86	3.26	5.50	2.13	2.58	6.01	2.41	2.49
48	2.75	0.87	3.17	5.37	2.14	2.51	5.93	2.44	2.42
49	2.71	0.88	3.09	5.22	2.14	2.44	5.84	2.47	2.35
50	2.66	0.89	3.00	5.08	2.14	2.37	5.75	2.50	2.28
51	2.62	0.90	2.92	4.94	2.14	2.31	5.66	2.53	2.21
52	2.58	0.91	2.84	4.81	2.14	2.25	5.57	2.56	2.14
53	2.54	0.92	2.76	4.67	2.14	2.18	5.48	2.59	2.07
54	2.50	0.93	2.69	4.54	2.14	2.12	5.39	2.62	2.00



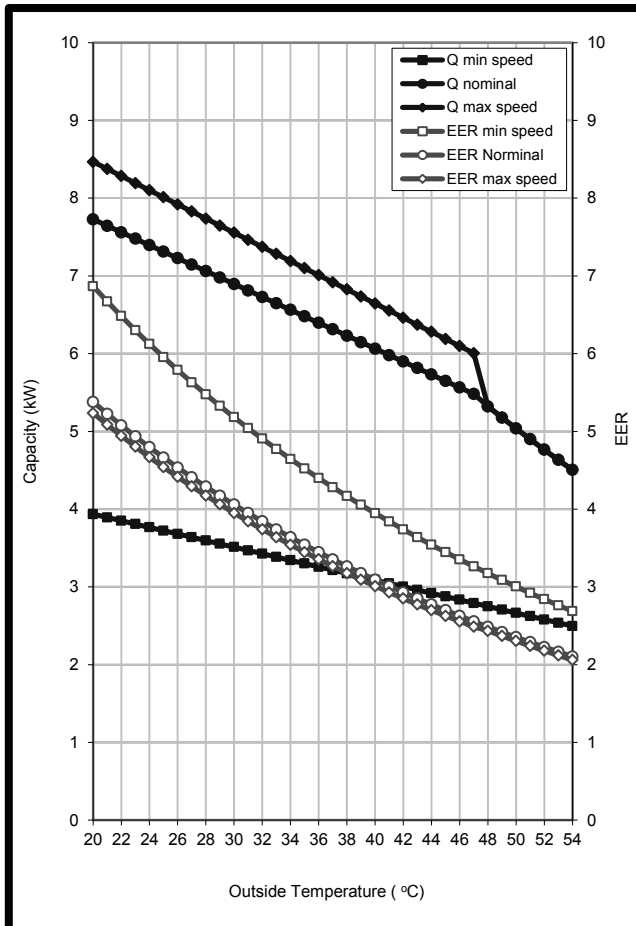
Model : RAS-24PKCV2B / RAS-24PACV2B

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27 °C DB/19°C WB Out: 35°C DB/24°C WB	Min	3.30	0.73	4.52
	Rated	6.48	1.83	3.54
	Max	7.10	2.06	3.45

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	3.94	0.57	6.87	7.73	1.44	5.38	8.47	1.62	5.24
21	3.89	0.58	6.67	7.64	1.46	5.23	8.38	1.65	5.09
22	3.85	0.59	6.48	7.56	1.49	5.08	8.28	1.68	4.94
23	3.81	0.60	6.30	7.48	1.52	4.94	8.19	1.71	4.80
24	3.77	0.61	6.12	7.39	1.54	4.80	8.10	1.74	4.67
25	3.72	0.63	5.95	7.31	1.57	4.66	8.01	1.76	4.54
26	3.68	0.64	5.79	7.23	1.59	4.53	7.92	1.79	4.41
27	3.64	0.65	5.63	7.15	1.62	4.41	7.83	1.82	4.29
28	3.60	0.66	5.48	7.06	1.65	4.29	7.74	1.85	4.18
29	3.55	0.67	5.33	6.98	1.67	4.17	7.65	1.88	4.06
30	3.51	0.68	5.18	6.90	1.70	4.06	7.56	1.91	3.95
31	3.47	0.69	5.04	6.81	1.73	3.95	7.46	1.94	3.84
32	3.43	0.70	4.91	6.73	1.75	3.84	7.37	1.97	3.74
33	3.38	0.71	4.77	6.65	1.78	3.74	7.28	2.00	3.64
34	3.34	0.72	4.65	6.56	1.80	3.64	7.19	2.03	3.54
35	3.30	0.73	4.52	6.48	1.83	3.54	7.10	2.06	3.45
36	3.26	0.74	4.40	6.40	1.86	3.45	7.01	2.09	3.35
37	3.22	0.75	4.28	6.31	1.88	3.35	6.92	2.12	3.26
38	3.17	0.76	4.17	6.23	1.91	3.26	6.83	2.15	3.18
39	3.13	0.77	4.06	6.15	1.93	3.18	6.74	2.18	3.09
40	3.09	0.78	3.95	6.06	1.96	3.09	6.64	2.21	3.01
41	3.05	0.79	3.84	5.98	1.99	3.01	6.55	2.24	2.93
42	3.00	0.80	3.74	5.90	2.01	2.93	6.46	2.27	2.85
43	2.96	0.81	3.64	5.81	2.04	2.85	6.37	2.30	2.77
44	2.92	0.82	3.54	5.73	2.07	2.77	6.28	2.33	2.70
45	2.88	0.83	3.45	5.65	2.09	2.70	6.19	2.36	2.63
46	2.83	0.85	3.35	5.57	2.12	2.63	6.10	2.38	2.56
47	2.79	0.86	3.26	5.48	2.14	2.56	6.01	2.41	2.49
48	2.75	0.87	3.17	5.32	2.14	2.49	5.92	2.44	2.44
49	2.71	0.88	3.09	5.18	2.14	2.42	5.83	2.47	2.37
50	2.66	0.89	3.00	5.04	2.14	2.35	5.74	2.50	2.30
51	2.62	0.90	2.92	4.90	2.14	2.29	5.65	2.53	2.24
52	2.58	0.91	2.84	4.76	2.14	2.23	5.56	2.56	2.18
53	2.54	0.92	2.76	4.63	2.14	2.16	5.47	2.59	2.12
54	2.50	0.93	2.69	4.50	2.14	2.10	5.38	2.62	2.06



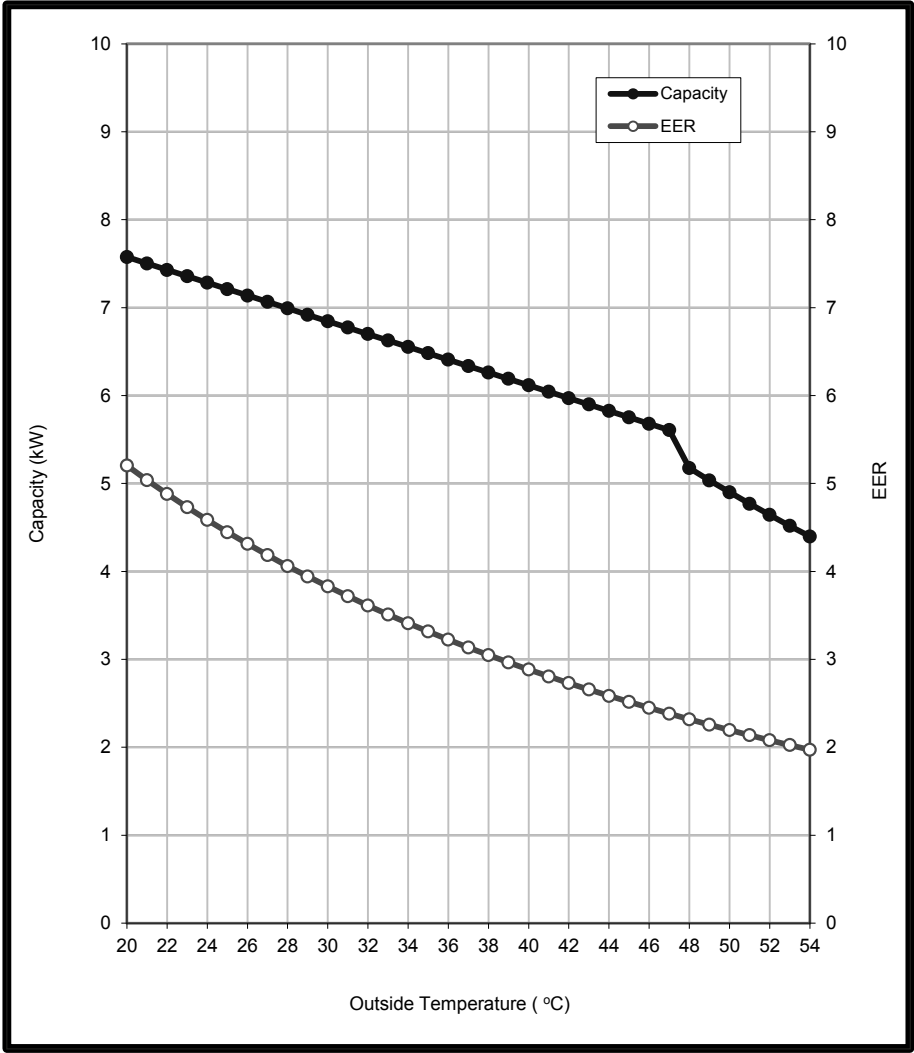
Model : RAS-24PKCV-BA / RAS-24PACV-BA
RAS-24PKCV-Q / RAS-24PACV-Q
RAS-24PKCV-AE / RAS-24PACV-AE
RAS-24PKCV-OM / RAS-24PACV-OM

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T3	Rated	5.68	2.32	2.45
In: 29 °C DB/19 °C WB				
Out: 46 °C DB/24 °C WB				

Cooling performance characteristic :

Outside Temp (°C)	Nominal capacity		
	Capacity (kW)	Power (kW)	EER (-)
20	7.58	1.46	5.20
21	7.50	1.49	5.04
22	7.43	1.52	4.88
23	7.36	1.56	4.73
24	7.28	1.59	4.59
25	7.21	1.62	4.45
26	7.14	1.65	4.31
27	7.06	1.69	4.18
28	6.99	1.72	4.06
29	6.92	1.75	3.94
30	6.85	1.79	3.83
31	6.77	1.82	3.72
32	6.70	1.85	3.61
33	6.63	1.89	3.51
34	6.55	1.92	3.41
35	6.48	1.95	3.32
36	6.41	1.99	3.22
37	6.34	2.02	3.14
38	6.26	2.05	3.05
39	6.19	2.09	2.97
40	6.12	2.12	2.88
41	6.04	2.15	2.81
42	5.97	2.19	2.73
43	5.90	2.22	2.66
44	5.83	2.25	2.59
45	5.75	2.29	2.52
46	5.68	2.32	2.45
47	5.61	2.35	2.38
48	5.17	2.23	2.32
49	5.04	2.23	2.26
50	4.90	2.23	2.20
51	4.77	2.23	2.14
52	4.64	2.23	2.08
53	4.52	2.23	2.03
54	4.40	2.23	1.97



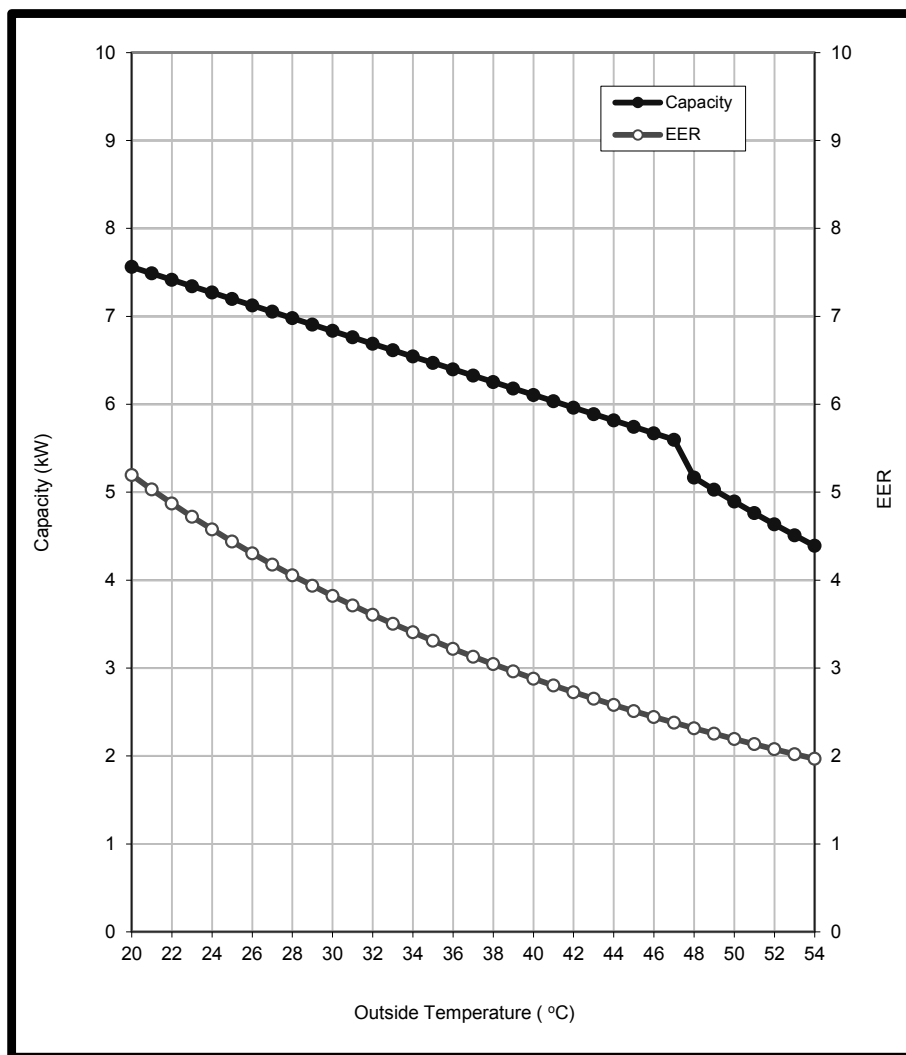
Model : RAS-24PKCV2B / RAS-24PACV2B

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T3				
In: 29°C DB/19°C WB	Rated	5.67	2.32	2.44
Out: 46°C DB/24°C WB				

Cooling performance characteristic :

Outside Temp (°C)	Nominal capacity		
	Capacity (kW)	Power (kW)	EER (-)
20	7.56	1.46	5.20
21	7.49	1.49	5.03
22	7.42	1.52	4.87
23	7.34	1.56	4.72
24	7.27	1.59	4.58
25	7.20	1.62	4.44
26	7.13	1.65	4.31
27	7.05	1.69	4.18
28	6.98	1.72	4.05
29	6.91	1.75	3.94
30	6.83	1.79	3.82
31	6.76	1.82	3.71
32	6.69	1.85	3.61
33	6.62	1.89	3.50
34	6.54	1.92	3.41
35	6.47	1.95	3.31
36	6.40	1.99	3.22
37	6.32	2.02	3.13
38	6.25	2.05	3.04
39	6.18	2.09	2.96
40	6.11	2.12	2.88
41	6.03	2.15	2.80
42	5.96	2.19	2.73
43	5.89	2.22	2.65
44	5.82	2.25	2.58
45	5.74	2.29	2.51
46	5.67	2.32	2.44
47	5.60	2.35	2.38
48	5.17	2.23	2.31
49	5.03	2.23	2.25
50	4.89	2.23	2.19
51	4.76	2.23	2.13
52	4.64	2.23	2.08
53	4.51	2.23	2.02
54	4.39	2.23	1.97



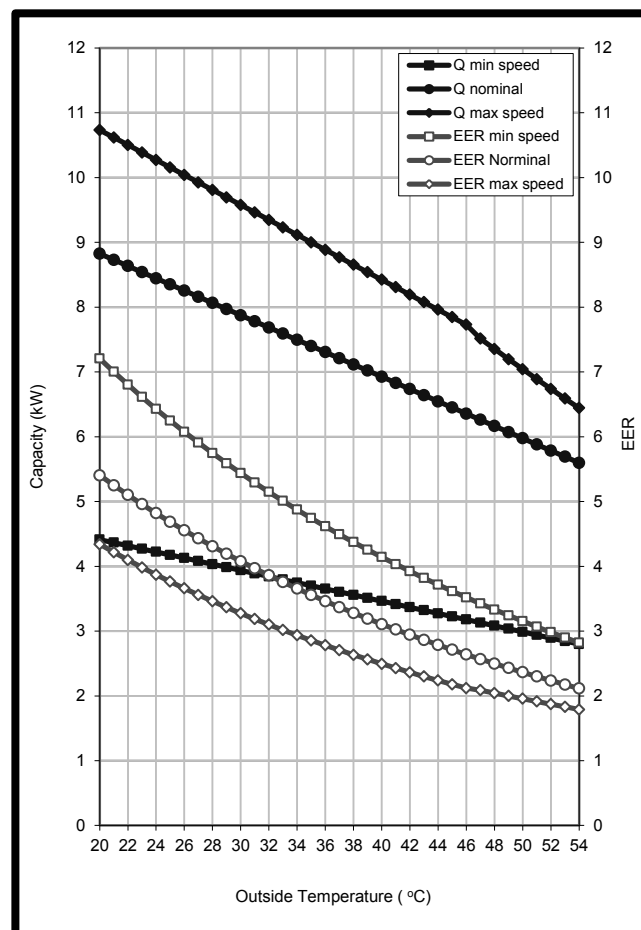
Model : RAS-30PKCV-BA / RAS-30PACV-BA
 RAS-30PKCV-AE / RAS-30PACV-AE
 RAS-30PKCV-OM / RAS-30PACV-OM

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27 °C DB/19°C WB Out: 35 °C DB/24°C WB	Min	3.70	0.78	4.74
	Rated	7.40	2.08	3.56
	Max	9.00	3.15	2.86

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	4.41	0.61	7.21	8.82	1.63	5.40	10.73	2.47	4.34
21	4.36	0.62	7.00	8.73	1.66	5.25	10.62	2.52	4.22
22	4.32	0.63	6.80	8.63	1.69	5.10	10.50	2.56	4.10
23	4.27	0.65	6.61	8.54	1.72	4.96	10.39	2.61	3.98
24	4.22	0.66	6.43	8.44	1.75	4.82	10.27	2.65	3.87
25	4.17	0.67	6.25	8.35	1.78	4.69	10.16	2.70	3.76
26	4.13	0.68	6.08	8.25	1.81	4.56	10.04	2.74	3.66
27	4.08	0.69	5.91	8.16	1.84	4.43	9.92	2.79	3.56
28	4.03	0.70	5.75	8.06	1.87	4.31	9.81	2.83	3.46
29	3.98	0.71	5.59	7.97	1.90	4.19	9.69	2.88	3.37
30	3.94	0.72	5.44	7.87	1.93	4.08	9.58	2.92	3.28
31	3.89	0.74	5.29	7.78	1.96	3.97	9.46	2.97	3.19
32	3.84	0.75	5.15	7.68	1.99	3.86	9.35	3.01	3.10
33	3.79	0.76	5.01	7.59	2.02	3.76	9.23	3.06	3.02
34	3.75	0.77	4.87	7.49	2.05	3.66	9.12	3.10	2.94
35	3.70	0.78	4.74	7.40	2.08	3.56	9.00	3.15	2.86
36	3.65	0.79	4.62	7.31	2.11	3.46	8.88	3.20	2.78
37	3.61	0.80	4.49	7.21	2.14	3.37	8.77	3.24	2.71
38	3.56	0.81	4.37	7.12	2.17	3.28	8.65	3.29	2.63
39	3.51	0.82	4.26	7.02	2.20	3.19	8.54	3.33	2.56
40	3.46	0.84	4.14	6.93	2.23	3.11	8.42	3.38	2.50
41	3.42	0.85	4.03	6.83	2.26	3.02	8.31	3.42	2.43
42	3.37	0.86	3.92	6.74	2.29	2.94	8.19	3.47	2.36
43	3.32	0.87	3.82	6.64	2.32	2.86	8.08	3.51	2.30
44	3.27	0.88	3.72	6.55	2.35	2.79	7.96	3.56	2.24
45	3.23	0.89	3.62	6.45	2.38	2.71	7.85	3.60	2.18
46	3.18	0.90	3.52	6.36	2.41	2.64	7.73	3.65	2.12
47	3.13	0.91	3.42	6.26	2.44	2.57	7.61	3.60	2.09
48	3.08	0.93	3.33	6.17	2.47	2.50	7.50	3.60	2.04
49	3.04	0.94	3.24	6.07	2.50	2.43	7.40	3.60	2.00
50	2.99	0.95	3.15	5.98	2.53	2.36	7.30	3.60	1.96
51	2.94	0.96	3.07	5.88	2.56	2.30	7.20	3.60	1.91
52	2.89	0.97	2.98	5.79	2.59	2.24	7.10	3.60	1.87
53	2.85	0.98	2.90	5.69	2.62	2.17	7.00	3.60	1.83
54	2.80	0.99	2.82	5.60	2.65	2.11	6.90	3.60	1.79



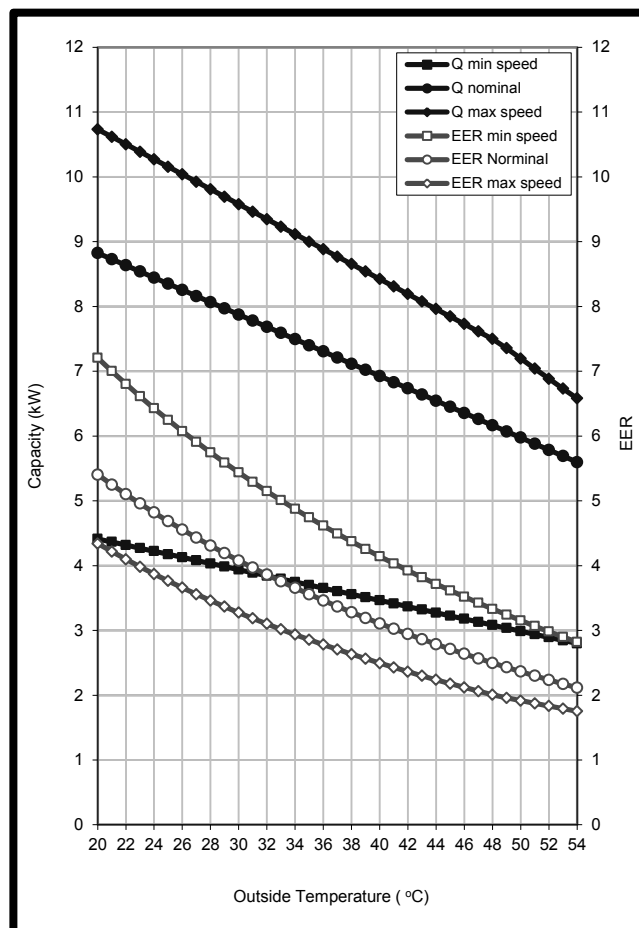
Model : RAS-30PKCV-Q / RAS-30PACV-Q

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	3.70	0.78	4.74
	Rated	7.40	2.08	3.56
	Max	9.00	3.15	2.86

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	4.41	0.61	7.21	8.82	1.63	5.40	10.73	2.47	4.34
21	4.36	0.62	7.00	8.73	1.66	5.25	10.62	2.52	4.22
22	4.32	0.63	6.80	8.63	1.69	5.10	10.50	2.56	4.10
23	4.27	0.65	6.61	8.54	1.72	4.96	10.39	2.61	3.98
24	4.22	0.66	6.43	8.44	1.75	4.82	10.27	2.65	3.87
25	4.17	0.67	6.25	8.35	1.78	4.69	10.16	2.70	3.76
26	4.13	0.68	6.08	8.25	1.81	4.56	10.04	2.74	3.66
27	4.08	0.69	5.91	8.16	1.84	4.43	9.92	2.79	3.56
28	4.03	0.70	5.75	8.06	1.87	4.31	9.81	2.83	3.46
29	3.98	0.71	5.59	7.97	1.90	4.19	9.69	2.88	3.37
30	3.94	0.72	5.44	7.87	1.93	4.08	9.58	2.92	3.28
31	3.89	0.74	5.29	7.78	1.96	3.97	9.46	2.97	3.19
32	3.84	0.75	5.15	7.68	1.99	3.86	9.35	3.01	3.10
33	3.79	0.76	5.01	7.59	2.02	3.76	9.23	3.06	3.02
34	3.75	0.77	4.87	7.49	2.05	3.66	9.12	3.10	2.94
35	3.70	0.78	4.74	7.40	2.08	3.56	9.00	3.15	2.86
36	3.65	0.79	4.62	7.31	2.11	3.46	8.88	3.20	2.78
37	3.61	0.80	4.49	7.21	2.14	3.37	8.77	3.24	2.71
38	3.56	0.81	4.37	7.12	2.17	3.28	8.65	3.29	2.63
39	3.51	0.82	4.26	7.02	2.20	3.19	8.54	3.33	2.56
40	3.46	0.84	4.14	6.93	2.23	3.11	8.42	3.38	2.50
41	3.42	0.85	4.03	6.83	2.26	3.02	8.31	3.42	2.43
42	3.37	0.86	3.92	6.74	2.29	2.94	8.19	3.47	2.36
43	3.32	0.87	3.82	6.64	2.32	2.86	8.08	3.51	2.30
44	3.27	0.88	3.72	6.55	2.35	2.79	7.96	3.56	2.24
45	3.23	0.89	3.62	6.45	2.38	2.71	7.85	3.60	2.18
46	3.18	0.90	3.52	6.36	2.41	2.64	7.73	3.65	2.12
47	3.13	0.91	3.42	6.26	2.44	2.57	7.61	3.69	2.06
48	3.08	0.93	3.33	6.17	2.47	2.50	7.50	3.74	2.01
49	3.04	0.94	3.24	6.07	2.50	2.43	7.36	3.76	1.96
50	2.99	0.95	3.15	5.98	2.53	2.36	7.20	3.76	1.92
51	2.94	0.96	3.07	5.88	2.56	2.30	7.04	3.76	1.87
52	2.89	0.97	2.98	5.79	2.59	2.24	6.88	3.76	1.83
53	2.85	0.98	2.90	5.69	2.62	2.17	6.73	3.76	1.79
54	2.80	0.99	2.82	5.60	2.65	2.11	6.58	3.76	1.75



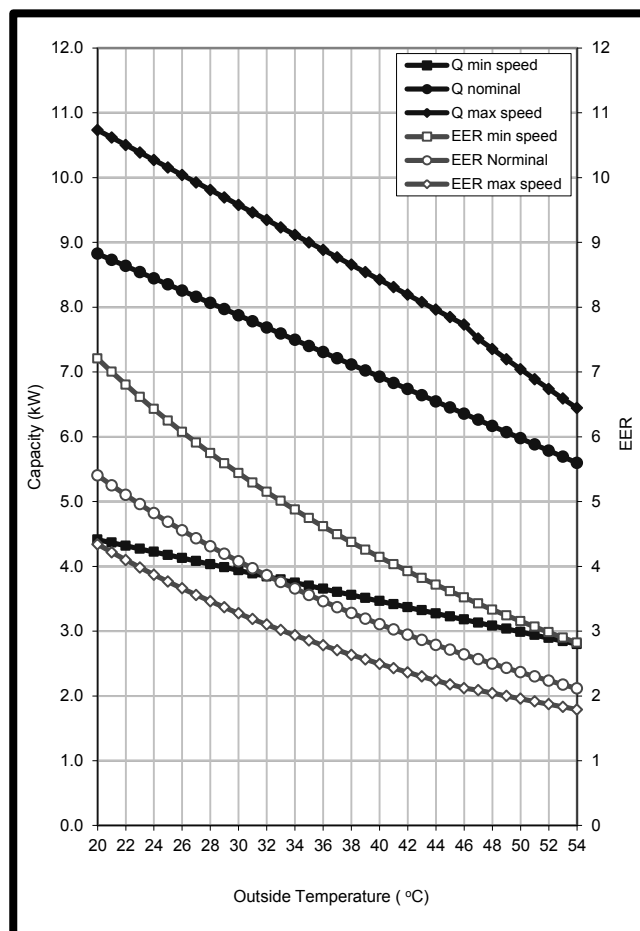
Model : RAS-30PKCV2B / RAS-30PACV2B

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T1 In: 27 °C DB/19°C WB Out: 35°C DB/24°C WB	Min	3.70	0.78	4.74
	Rated	7.40	2.08	3.56
	Max	9.00	3.15	2.86

Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	4.41	0.61	7.21	8.82	1.63	5.40	10.73	2.47	4.34
21	4.36	0.62	7.00	8.73	1.66	5.25	10.62	2.52	4.22
22	4.32	0.63	6.80	8.63	1.69	5.10	10.50	2.56	4.10
23	4.27	0.65	6.61	8.54	1.72	4.96	10.39	2.61	3.98
24	4.22	0.66	6.43	8.44	1.75	4.82	10.27	2.65	3.87
25	4.17	0.67	6.25	8.35	1.78	4.69	10.16	2.70	3.76
26	4.13	0.68	6.08	8.25	1.81	4.56	10.04	2.74	3.66
27	4.08	0.69	5.91	8.16	1.84	4.43	9.92	2.79	3.56
28	4.03	0.70	5.75	8.06	1.87	4.31	9.81	2.83	3.46
29	3.98	0.71	5.59	7.97	1.90	4.19	9.69	2.88	3.37
30	3.94	0.72	5.44	7.87	1.93	4.08	9.58	2.92	3.28
31	3.89	0.74	5.29	7.78	1.96	3.97	9.46	2.97	3.19
32	3.84	0.75	5.15	7.68	1.99	3.86	9.35	3.01	3.10
33	3.79	0.76	5.01	7.59	2.02	3.76	9.23	3.06	3.02
34	3.75	0.77	4.87	7.49	2.05	3.66	9.12	3.10	2.94
35	3.70	0.78	4.74	7.40	2.08	3.56	9.00	3.15	2.86
36	3.65	0.79	4.62	7.31	2.11	3.46	8.88	3.20	2.78
37	3.61	0.80	4.49	7.21	2.14	3.37	8.77	3.24	2.71
38	3.56	0.81	4.37	7.12	2.17	3.28	8.65	3.29	2.63
39	3.51	0.82	4.26	7.02	2.20	3.19	8.54	3.33	2.56
40	3.46	0.84	4.14	6.93	2.23	3.11	8.42	3.38	2.50
41	3.42	0.85	4.03	6.83	2.26	3.02	8.31	3.42	2.43
42	3.37	0.86	3.92	6.74	2.29	2.94	8.19	3.47	2.36
43	3.32	0.87	3.82	6.64	2.32	2.86	8.08	3.51	2.30
44	3.27	0.88	3.72	6.55	2.35	2.79	7.96	3.56	2.24
45	3.23	0.89	3.62	6.45	2.38	2.71	7.85	3.60	2.18
46	3.18	0.90	3.52	6.36	2.41	2.64	7.73	3.65	2.12
47	3.13	0.91	3.42	6.26	2.44	2.57	7.51	3.60	2.09
48	3.08	0.93	3.33	6.17	2.47	2.50	7.35	3.60	2.04
49	3.04	0.94	3.24	6.07	2.50	2.43	7.20	3.60	2.00
50	2.99	0.95	3.15	5.98	2.53	2.36	7.04	3.60	1.96
51	2.94	0.96	3.07	5.88	2.56	2.30	6.89	3.60	1.91
52	2.89	0.97	2.98	5.79	2.59	2.24	6.74	3.60	1.87
53	2.85	0.98	2.90	5.69	2.62	2.17	6.59	3.60	1.83
54	2.80	0.99	2.82	5.60	2.65	2.11	6.44	3.60	1.79



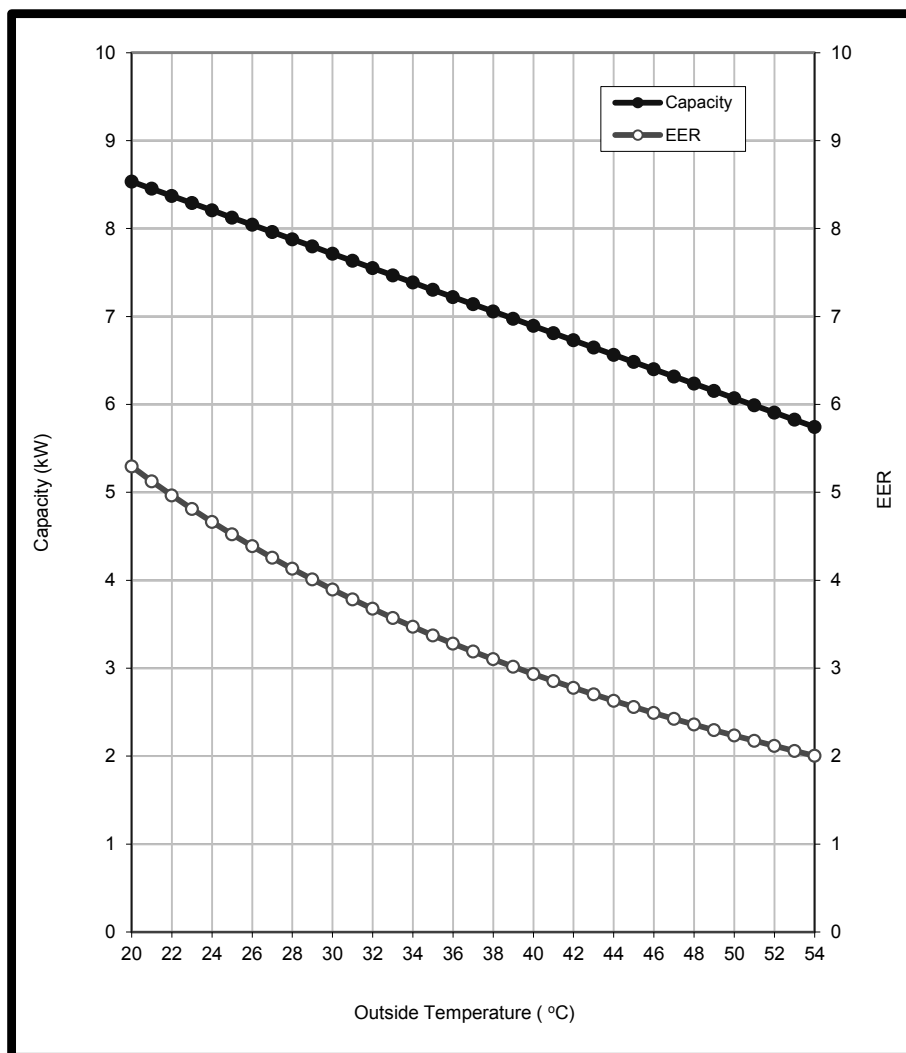
Model : RAS-30PKCV-BA / RAS-30PACV-BA
 RAS-30PKCV-Q / RAS-30PACV-Q
 RAS-30PKCV-AE / RAS-30PACV-AE
 RAS-30PKCV-OM / RAS-30PACV-OM

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T3 In: 29°C DB/19°C WB Out: 46°C DB/24°C WB	Rated	6.40	2.57	2.49

Cooling performance characteristic :

Outside Temp (°C)	Nominal capacity		
	Capacity (kW)	Power (kW)	EER (-)
20	8.54	1.61	5.29
21	8.45	1.65	5.13
22	8.37	1.69	4.97
23	8.29	1.72	4.81
24	8.21	1.76	4.66
25	8.12	1.80	4.52
26	8.04	1.83	4.39
27	7.96	1.87	4.26
28	7.88	1.91	4.13
29	7.80	1.94	4.01
30	7.71	1.98	3.89
31	7.63	2.02	3.78
32	7.55	2.05	3.68
33	7.47	2.09	3.57
34	7.39	2.13	3.47
35	7.30	2.16	3.37
36	7.22	2.20	3.28
37	7.14	2.24	3.19
38	7.06	2.28	3.10
39	6.97	2.31	3.02
40	6.89	2.35	2.93
41	6.81	2.39	2.85
42	6.73	2.42	2.78
43	6.65	2.46	2.70
44	6.56	2.50	2.63
45	6.48	2.53	2.56
46	6.40	2.57	2.49
47	6.32	2.61	2.42
48	6.24	2.64	2.36
49	6.15	2.68	2.30
50	6.07	2.72	2.23
51	5.99	2.75	2.17
52	5.91	2.79	2.12
53	5.83	2.83	2.06
54	5.74	2.86	2.00



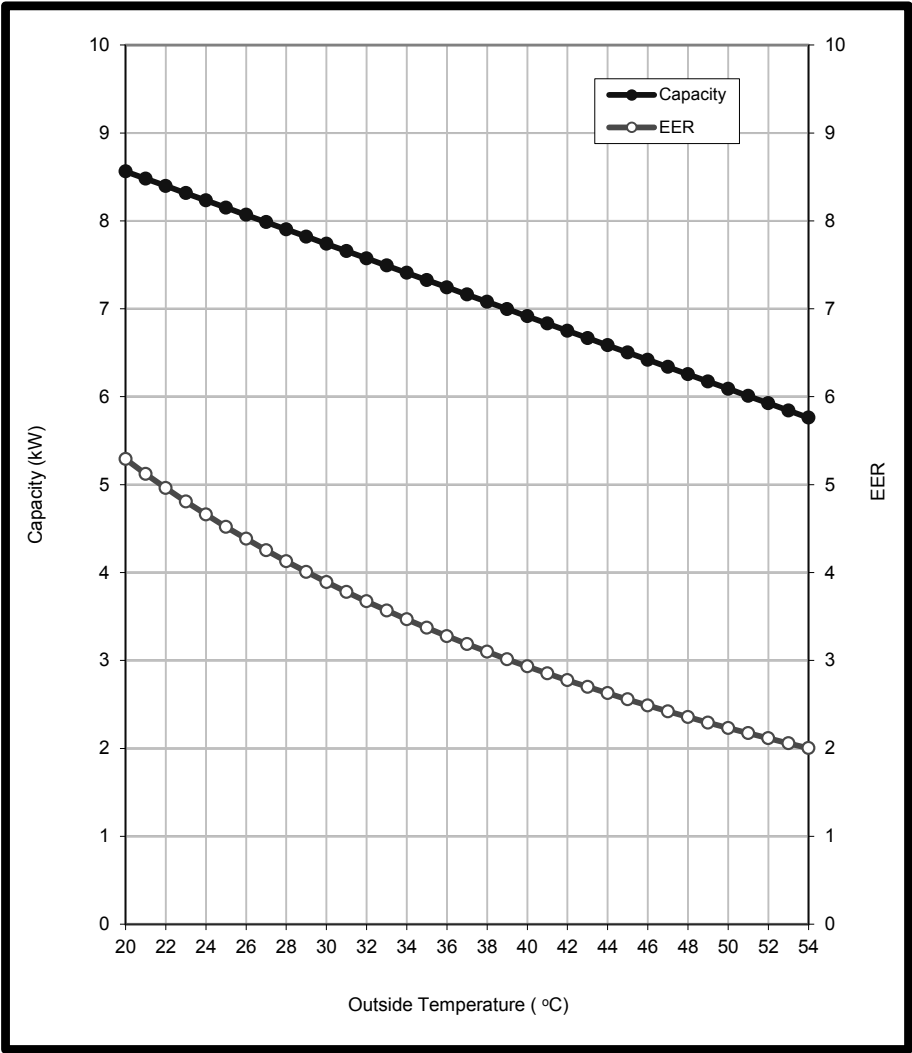
Model : RAS-30PKCV2B / RAS-30PACV2B

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling T3 In: 29°C DB/19°C WB Out: 46°C DB/24°C WB	Rated	6.42	2.58	2.49

Cooling performance characteristic :

Outside Temp (°C)	Nominal capacity		
	Capacity (kW)	Power (kW)	EER (-)
20	8.56	1.62	5.29
21	8.48	1.66	5.12
22	8.40	1.69	4.96
23	8.31	1.73	4.81
24	8.23	1.77	4.66
25	8.15	1.80	4.52
26	8.07	1.84	4.38
27	7.99	1.88	4.25
28	7.90	1.91	4.13
29	7.82	1.95	4.01
30	7.74	1.99	3.89
31	7.66	2.03	3.78
32	7.57	2.06	3.67
33	7.49	2.10	3.57
34	7.41	2.14	3.47
35	7.33	2.17	3.37
36	7.24	2.21	3.28
37	7.16	2.25	3.19
38	7.08	2.28	3.10
39	7.00	2.32	3.01
40	6.91	2.36	2.93
41	6.83	2.40	2.85
42	6.75	2.43	2.78
43	6.67	2.47	2.70
44	6.58	2.51	2.63
45	6.50	2.54	2.56
46	6.42	2.58	2.49
47	6.34	2.62	2.42
48	6.26	2.65	2.36
49	6.17	2.69	2.29
50	6.09	2.73	2.23
51	6.01	2.76	2.17
52	5.93	2.80	2.11
53	5.84	2.84	2.06
54	5.76	2.88	2.00



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