

WKL series Air-cooled Cooling type,WKLD series Air-cooled Cooling and Electric Heating type,WKR series Air-cooled Heat Pump type Rooftop Air Conditioner (Table 2)

Performance Model			WKL30		WKL36		WKL40		WKL50		WKL60		WKL72		WKL85		WKL96			
			WKLD30		WKLD36		WKLD40		WKLD50		WKLD60		WKLD72		WKLD85		WKLD96			
			WKR30		WKR36		WKR40		WKR50		WKR60		WKR72		WKR85		WKR96			
Unit characteristi c	Refrigerating capacity		W		80000		98000		105600		135000		159000		192000		222000		255000	
	Heating capacity		W		99600		115000		129000		162000		185000		229000		273000		316000	
	Electric heating capacity		W		45000		54000		54000		72000		90000		98000		115000		130000	
	Air volume		m³/H		16800		19200		20600		25000		28000		32000		38000		42000	
	External static pressure		Pa		350	500	400	550	400	550	450	600	500	650	550	700	600	750	600	750
	Noise level		dB(A)		75	77	76	78	77	79	78	80	80	82	82	84	84	86	86	88
	The highest working temeprature		48℃																	
	Temperature range and accuracy		18℃~30℃±1℃																	
	Power source		3N~50HZ 380V																	
	Total power	Refrigerating	KW	30	32	37.5	37.5	41	41	47	51	61	65	75	75	92	92	110	110	
Heating		KW	50.5	52.5	56	56	61	61	79.5	82	101	105	113	113	137	137	160	160		
Refrigeratin g system	Refrigerant	Working medium		R22/R407C																
		Throttling way		External balanced type thermal expansion valve																
	Compressor	Type		Hermetic scroll Compressor																
		Nominal power	KW	9×2+3.75		9×3		9×3+3.75		9×4		9×5		9×6		9×7		9×8		
	Evaporator	Type		Copper tube with aluminum fin type																
		Fin type		Slotted-type Two-way aluminum fin																
	Condemsor	Type		Copper tube with aluminum fin type																
		Fin type		Corrugated aluminum fin																
Air supply system	Condemsor fan	Type		Ultra-low noise axial flow type																
		Driving method		Driect drive																
		Motor power	KW	1.1×2		1.5×2		0.75×4		0.82×4		1.1×4		1.5×4		1.1×6		1.5×6		
	Evaporator fan	Type		Ultra-low noise Double-inlet Centrifugal type																
		Driving method		Belt drive																
		Motor power	KW	5.5	7.5	5.5	7.5	7.5	7.5	7.5	11	11	15	11	15	15	18.5	15	18.5	
Heater		Type		Electric heating																
		Power	KW	45		54		54		72		90		98		115		130		
Air filter			Nylon mesh/coarse efficient filter G3																	
Dimensions		Length	mm	4000		4000		4000		4000		4350		4350		5960		5960		
		Width	mm	1600		1600		2000		2000		2160		2160		2400		2400		
		Height	mm	2160		2160		2160		2160		2480		2480		2480		2480		
Weight			kg	2100		2160		2160		2300		3000		3500		4300		4700		

Note: Heating capacity is the heating capacity of WKR Heat Pump type, Electric heating capacity is the heating capacity of WKLD Air-cooled Electric Heating type.

WKL series Air-cooled Cooling type,WKLD series Air-cooled Cooling and Electric Heating type,WKR series Air-cooled Heat Pump type Rooftop Air Conditioner(Table 1)

Performance Model			WKL05		WKL06		WKL08		WKL10		WKL12		WKL15		WKL20		WKL25				
			WKLD05		WKLD06		WKLD08		WKLD10		WKLD12		WKLD15		WKLD20		WKLD25				
			WKR05		WKR06		WKR08		WKR10		WKR12		WKR15		WKR20		WKR25				
Unit characte ristic	Refrigerating capacity		W	13000		16000		19800		26800		32000		40000		54000		68000			
	Heating capacity		W	17000		20000		26000		34400		43000		52200		68400		86700			
	Electric heating capacity		W	9000		11000		13500		18000		22000		24000		36000		45000			
	Air volume		m³/h	3000		3600		4800		6000		7200		8800		10800		12600			
	External static pressure		Pa	120	300	120	300	150	320	200	350	220	350	250	400	300	450	350	500		
	Noise level		dB(A)	62	66	62	66	64	68	66	70	67	71	68	72	71	74	73	75		
	The highest working temperature		48℃																		
	Temperature range and accuracy		18℃~30℃±1℃																		
	Power source		3N~50HZ 380V																		
	Total power	Refrigerating	KW	4.5	4.8	5.3	5.5	7.5	7.8	10	10.7	12.2	13	15.1	15.8	19.8	20.8	25.4	26.4		
Heating		KW	9.5	9.8	11.5	11.8	14.2	14.5	19.5	20.2	22.2	23	26.2	27	39	40	49	50.5			
Refriger ating system	Refrigerant	Working medium		R22/R407C																	
		Throttling way		External balanced type thermal expansion valve																	
	Compressor	Type		Hermetic scroll compressor																	
		Nominal power	KW	3.75		4.5		3.75+2.25		3.75×2		4.5×2		3.75×3		3.75×4		9×2			
	Evaporator	Type		Copper tube with aluminum fin																	
		Fin type		Slotted-type Two-way Aluminum Fins																	
	Condensor	Type		Copper tube with aluminum fin																	
		Fin type		Corrugated aluminum fins																	
Air supply system	Condensor fan	Type		Ultra-low-noise axial flow type																	
		Driving method		Direct drive																	
		Motor power	KW	0.25		0.25		0.75		0.82		0.82		1.1		0.75×2		0.82×2			
	Evaporator fan	Type		Ultra-low noise double-inlet centrifugal type																	
		Driving method		Belt drive																	
		Motor power	KW	0.55	0.75	0.55	0.75	1.1	1.5	1.5	2.2	2.2	2.2	2.2	3	3	4	3	4		
Heater		Type		Electric heating																	
		Power	KW	9		11		13.5		18		18		24		36		45			
Air filter			Nylon mesh/coarse efficient filter G3																		
Dimensions			Length	mm	1300		1300		1650		1650		2000		2000		3200		3200		
			Width	mm	950		950		1150		1150		1150		1150		1600		1600		
			Height	mm	1200		1200		1400		1400		1620		1620		1800		1800		
Weight			kg	280		330		465		480		550		860		900		920			

Note: heating capacity is the heating capacity of WKR heat pump type,and electric heating capacity is that of WKLD type cooling and electric heating type.

High Temperature type Air-cooled Cooling type, Air-cooled Cooling and Electric Heating type Rooftop Air Conditioner (Table 1

Performance — Model			WKL G05		WKL G06		WKL G10		WKL G12		WKL G15		WKL G20		WKL G25				
Unit characteristic	Refrigerating capacity		kW		10		12		20		24		30		40		47.6		
	Air volume		m³/h		2200		2700		4100		5000		6500		8200		10000		
	External static pressure		Pa		120	300	120	300	150	320	220	350	250	400	300	450	350	500	
	Noise level		dB(A)		62	66	62	66	64	68	67	71	68	72	71	74	73	75	
	The highest working temperature		60℃																
	Temperature range and accuracy		18℃~30℃±1℃																
	Power source		3N~50HZ 380V																
	Total power		KW		4.5	4.8	5.3	5.5	7.5	7.8	12.2	13	15.1	15.8	19.8	20.7	25.4	26.4	
Refrigerating system	Refrigerant	Working medium		R134a															
		Throttling way		External Balanced type Thermal Expansion Valve															
	Compressor	Type		Hermetic Scroll Compressor															
		Nominal power	KW	2.75		3.25		2.75×2		6.5		2.75×3		2.75×4		6.5×2			
	Evaporator	Type		Copper tune with aluminum fin															
		Fin type		Slotted-type Two-way Aluminum Fin															
	Condensor fan	Type		Copper tube with aluminum fin															
		Fin type		Corrugated aluminum fins															
Air supply system	Condensor fan	Type		Ultra-low noise axial flow type															
		Driving method		Direct drive															
		Motor power	KW	0.25		0.25		0.55		0.75		0.75		0.5×2		0.55×2			
	Evaporator fan	Type		Ultra-low noise double-inlet centrifugal type															
		Driving method		Belt drive															
		Motor power	KW	0.3	0.5	0.55	0.75	0.75	1.1	1.5	2.2	1.5	2.2	2.2	3	3	4		
Air filter			Nylon mesh /coarse efficient filter G3																
Dimensions		Length	mm	1300		1300		1650		2000		2000		3200		3200			
		Width	mm	950		950		1150		1150		1150		1600		1600			
		Height	mm	1200		1200		1400		1620		1620		1800		1800			
Weight			kg	280		330		480		550		860		900		920			

High Temperature type Air-cooled Cooling type, Air-cooled Cooling and Electric Heating type Rooftop Air Conditioner (Table 2)

Performance Model			WKL G30		WKL G36		WKL G50		WKL G60		WKL G72		WKL G85		WKL G96		
Unit performance	Refrigerant		kW	60		71		95		119		142		166		190	
	Air volume		m³/h	13000		15000		20000		26000		30000		35000		40000	
	机外静压External static pressure		Pa	350	500	400	550	450	600	500	650	550	700	600	850	600	850
	Noise level		dB(A)	75	77	76	78	78	80	80	82	82	84	84	86	86	88
	The highest working temperature		60℃														
	Temperature range and accuracy		18℃~30℃±1℃														
	Power supply		3N~50HZ 380V														
	Total power		KW	30	32	37.5	37.5	47	51	61	65	75	75	92	92	110	110
Refrigerating system	Refrigerating output	Working medium		R134a													
		Throttling way		External balanced type thermal expansion valve													
	Compressor	Type		Hermetic Scroll Compressor													
		Nominal power	KW	6.5×2+2.75		6.5×3		6.5×4		6.5×5		6.5×6		6.5×7		6.5×8	
	Evaporator	Type		Copper tube with Aluminum fin													
		Fin type		Slotted-type Two-way aluminum fin													
	Condensor	Type		Copper tube with aluminum fin													
		Fin type		Corrugated aluminum fin													
Air supply system	Condensor fan	Type		Ultra-low noise axial flow type													
		Driving method		Direct drive													
		Motor power	KW	1.1×2		1.1×2		0.55×4		0.75×4		1.1×4		1.1×6		1.5×6	
	Evaporator fan	Type		Ultra-low Noise Double-inlet Centrifugal type													
		Driving method		Belt drive													
		Motor power	KW	3	4	5.5	7.5	7.5	7.5	7.5	11	11	15	15	18.5	15	18.5
Air filter			Nylon mesh /Coarse efficient filter G3														
Ddimensions		Length	mm	4000		4000		4000		4350		4350		5960		5960	
		Width	mm	1600		1600		2000		2160		2160		2400		2400	
		Height	mm	2160		2160		2160		2480		2480		2480		2480	
Weight			kg	2100		2160		2300		3000		3500		4300		4700	