

Integral type、split type water source cooling only/heat pump unit
(fresh air condition)

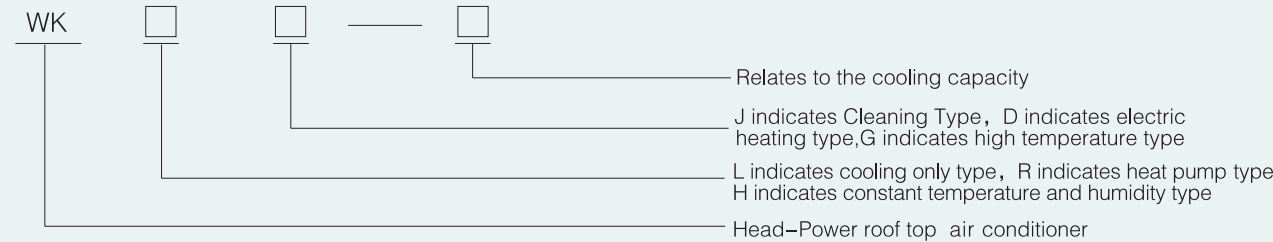
Note: The heat of electric heating units is that of 1/3 of the heat pump units, and the heat of hot-water coil pipe is same as the heat pump units.

Head-Power

Central Air Conditioning

[illegible]

- ## Model number nomenclature



Performance parameters table of R22, R407c （table 1）

Performance			Model		WK05	WK06	WK08	WK10	WK12	WK15	WK18	WK20	WK25								
Unit Performance	Cooling capacity	W	13		15.6		21		26		31.5		39		46.8		54		65		
	Heating capacity (heat pump)	W	13.6		16.3		22.5		28		33		42		50		58		70		
	Aid Electric Heating Capacity★	KW	9		12		15		21		25		32		36		45		45		
	Air Volume	m³/h	3000		3600		4800		5800		7000		8500		9800		11000		12600		
	ESP	Pa	150	500	150	500	150	500	200	600	250	600	250	600	300	650	300	650	300	650	
	Fan Power	KW	0.75	1.5	1.1	2.2	1.1	3	1.5	3	1.5	3	2.2	4	3	5.5	3	7.5	4	7.5	
	Temp.Control Precision		18℃~30℃±1℃																		
	Humidity Control Precision★		50%~70%±5%RH																		
	Power Supply		3N~50HZ 380V																		
Cooling System	Cooling Capacity	Medium	R22/R407C																		
		Expansion Way	Thermal Expansion Valve																		
	Compressor	Type	Hermetic Scroll																		
		Nominal Power (kw)	R22	4		4.7		6		8		9.5		12		14.1		16		19	
			R407C	4.1		4.8		6.2		8.2		9.7		12.3		14.4		16.4		19.4	
	Evaporator	Type	Copper tubes with aluminum fins																		
		Fin Type	Two-way slotted aluminum fin																		
	Condenser	Type	Copper tubes with aluminum fins																		
		Fin Type	Corrugated aluminum fin																		
Fan System	Condensing Fan	Type & Drive Mode	Ultra-low-Noise Wide Blade Axial / Direct Drive																		
		Max. outdoor temperature	45℃																		
		Power (kw)	0.28		0.28		0.55		0.75		1.1		1.1		1.1		1.5		2.2		
	SA Fan	Type	Ultra-low-noise double-inlet centrifugal unit																		
		Drive Mode	Belt Drive																		
Humidity heater★	Type	Fin Condenser/Electrode Type																			
	Power (kw)	6		9		12		16		18		18		27		32		32			
Humidifier★	Type	Wet film / Electrode Type / Electric Type																			
	Power (kw)	4.2		4.2		5.3		5.3		5.3		7		7		7		9.8			
	Humidification (kg/h)	6		6		8		8		8		10		10		10		13			
	Inlet diameter	DN16																			
Air Filter			Plate filter (G4) +bag filter★ (F7)																		

NOTE 1. Unit Condition: outdoor dry and wet bulb temperature of 35/24 ℃, indoor dry and wet bulb temperature of 27/19 ℃.
2. * expressed as optional items.

Performance parameters table of R22, R407c （table 2）

Performance			Model		WK30	WK36	WK40	WK50	WK60	WK72	WK85	WK96							
Unit Performance	Cooling capacity	W	78		94		104		130		156		188		220		250		
	Heating capacity (heat pump)	W	83		99		110		136		164		196		230		262		
	Aid Electric Heating Capacity	KW	56		56		64		64		85		85		100		100		
	Air Volume	m3/h	16800		19200		20600		25000		28000		33000		40000		45000		
	ESP	Pa	350	700	350	700	350	700	400	750	450	750	450	750	500	800	500	800	
	Fan Power	KW	5.5	11	7.5	15	7.5	15	11	15	11	18.5	11	22	15	30	18.5	30	
	Temp.Control Precision		18℃～30℃ ± 1℃																
	Humidity Control Precision★		50%～70% ± 5%RH																
	Power Supply		3N～50HZ 380V																
Cooling System	Cooling Capacity	Medium	R22/R407C																
		Expansion Way	Thermal Expansion Valve																
	Compressor	Type	Hermetic Scroll																
		Nominal Power (kw)	R22	24		28.5		32		38		47.5		57		66.5		76	
			R407C	24.6		29.1		32.8		38.8		48.5		58.2		68		77.6	
	Evaporator	Type	Copper tubes with aluminum fins																
		Fin Type	Two-way slotted aluminum fin																
	Condenser	Type	Copper tubes with aluminum fins																
		Fin Type	Corrugated aluminum fin																
	Fan System	Condensing Fan	Type & Drive Mode	Ultra-low-Noise Wide Blade Axial / Direct Drive															
Max. outdoor temperature			45℃																
Power (kw)			2.2		3		3		4.4		6		6		9		9		
SA Fan		Type	Ultra-low-noise double-inlet centrifugal unit																
		Drive Mode	Belt Drive																
Humidity heater★	Type	Fin Condenser/Electrode Type																	
	Power (kw)	36		48		48		48		64		64		85		85			
Humidifier★	Type	Wet film / Electrode Type / Electric Type																	
	Power (kw)	9.8		17		17		32		32		32		55		55			
	Humidification (kg/h)	13		23		23		42		42		42		80		80			
	Inlet diameter	DN16										DN20			DN20		DN20		
Air Filter			Plate filter (G4) +bag filter★ (F7)																

NOTE 1. Unit Condition: outdoor dry and wet bulb temperature of 35/24 ℃, indoor dry and wet bulb temperature of 27/19 ℃.
2. * expressed as optional items.

Performance parameters table of R134a （table 1）

Performance			Model		WKG04	WKG07		WKG08		WKG10		WKG12		WKG15		WKG18		WKG20		WKG25	
Unit Performance	Cooling capacity		W	11		18		22		27		31		40		44		54		66	
	Heating capacity (heat pump)		W	11.6		18.5		23		28.4		32.6		42		46		58		69	
	Aid Electric Heating Capacity		KW	6		12		15		21		25		32		36		45		45	
	Air Volume		m³/h	2500		4100		4800		5800		7000		8500		9800		11000		12600	
	ESP		Pa	150	500	150	500	150	500	200	600	250	600	250	600	300	650	300	650	300	650
	Fan Power		KW	0.75	1.5	1.1	2.2	1.1	3	1.5	3	1.5	3	2.2	4	3	5.5	3	7.5	4	7.5
	Temp.Control Precision		18℃〜30℃ ± 1℃																		
	Humidity Control Precision★		50%〜70% ± 5%RH																		
	Power Supply		3N〜50HZ 380V																		
Cooling System	Cooling Capacity	Medium	R134a																		
		Expansion Way	Thermal Expansion Valve																		
	Compressor	Type	Hermetic Scroll																		
		Nominal Power (kw)	3.2		5.35		6.3		8.1		9.1		11.7		12.8		16		19.1		
	Evaporator	Type	Copper tubes with aluminum fins																		
		Fin Type	Two-way slotted aluminum fin																		
	Condenser	Type	Copper tubes with aluminum fins																		
		Fin Type	Corrugated aluminum fin																		
	Fan System	Condensing Fan	Type & Drive Mode	Ultra-low-Noise Wide Blade Axial / Direct Drive																	
Max. outdoor temperature			55℃																		
Power (kw)			0.28		0.28		0.55		0.75		1.1		1.1		1.1		1.5		2.2		
SA Fan		Type	Ultra-low-noise double-intet centrifugal unit																		
		Drive Mode	Belt Drive																		
Humidity heater★	Type	Fin Condenser /Electrode Type																			
	Power (kw)	6		9		12		16		18		18		27		32		32			
Humidifier★	Type	Wet film / Electrode Type / Electric Type																			
	Power (kw)	4.2		5.3		5.3		5.3		5.3		7		7		7		9.8			
	Humidification (kg/h)	6		8		8		8		8		10		10		10		13			
	Inlet diameter	DN16																			
Air Filter			Plate filter (G4) +bag filter★ (F7)																		

NOTE 1. Unit Condition: outdoor dry and wet bulb temperature of 46/24 ℃, indoor dry and wet bulb temperature of 27/19 ℃.
2. ^{*} expressed as optional items.

Performance parameters table of R134a （table 2）

Performance			Model		WKG32		WKG42		WKG50		WKG60		WKG68		WKG76		WKG85	
Unit Performance	Cooling capacity		W	88		110		132		154		176		198		220		
	Heating capacity (heat pump)		W	92		115		138		161		184		197		230		
	Aid Electric Heating Capacity		KW	56		56		64		85		85		100		100		
	Air Volume		m³/h	16800		21000		25000		28000		31500		35000		45000		
	ESP		Pa	350	700	350	700	400	750	450	750	450	750	500	800	500	800	
	Fan Power		KW	5.5	11	7.5	15	11	15	11	18.5	11	22	15	22	15	30	
	Temp.Control Precision		18℃〜30℃±1℃															
	Humidity Control Precision		50%〜70%±5%RH															
	Power Supply		3N〜50HZ 380V															
Cooling System	Cooling Capacity	Medium	R134a															
		Expansion Way	Thermal Expansion Valve															
	Compressor	Type	Hermetic Scroll															
		Nominal Power (kw)	25.4		31.8		38.1		44.5		50.8		57.2		63.5			
	Evaporator	Type	Copper tubes with aluminum fins															
		Fin Type	Two-way slotted aluminum fin															
	Condenser	Type	Copper tubes with aluminum fins															
		Fin Type	Corrugated aluminum fin															
	Fan System	Condensing Fan	Type & Drive Mode	Ultra-low-Noise Wide Blade Axial / Direct Drive														
Max. outdoor temperature			55℃															
Power (kw)			2.2		3		4.4		6		6		9		9			
SA Fan		Type	Ultra-low-noise double-intet centrifugal unit															
		Drive Mode	Belt Drive															
Humidity heater		Type	Fin Condenser/Electrode Type															
		Power (kw)	36		48		48		64		64		64		85			
Humidifier		Type	Wet film / Electrode Type / Electric Type															
		Power (kw)	17		17		32		32		32		56		56			
		Humidification (kg/h)	23		23		42		42		42		80		80			
		Inlet diameter	DN16										DN20		DN20		DN20	
Air Filter			Plate filter (G4) +bag filter* (F7)															

NOTE 1. Unit Condition: outdoor dry and wet bulb temperature of 46/24 ℃, indoor dry and wet bulb temperature of 27/19 ℃.
2. ^{*} expressed as optional items.