

Air - Cooled Screw Chiller



Air cooled Screw Cooling Only
Cooling capacity range from 360kW up to 2480kW



COOLING ONLY



Options/Accessories

Accessories	Standard	Options
Power supply	3/380V/50Hz	3/380V/60Hz; 3/400V/50hz; 3/460V/60Hz
Water side working pressure	1.0Mpa	1.6Mpa/2.5Mpa
Stating mode	Y- Δ start	soft start
Remote control (with signal enhancer, within 800 meters)	X	√
Capacity control	step adjustment	stepless adjustment

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MODEL			KH0360OVMC		KH0360OVMC	
Cooling	Cooling capacity	kW	360		360	
	Power input	KW	114		114	
	EER	KW/KW	3.15		3.15	
	Running current	A	204		204	
Max.Power input	KW	190		190		
Max. running current	A	340		340		
Power supply	Ph/V/Hz	3/380/50				
Refrigerant throttle type		Electronic expansion valve				
Capacity control		25%, 50%, 75%, 100%				
Safe protection		High and low pressure protection, safe protection, water-lack delay protection, automatic antifreezing protection, fan motor overload protection, overheating protection, phase lack & sequence protection				
Compressor	Type		Semi-Hermetic screw chiller			
	Quantity		1		1	
	Input power	kW	99.6		99.6	
Refrigerant	Type		R134a			
	Charge	kg	135*		135*	
Air side heat exchanger	Type		Inner grooved copper pipe & hydrophilic aluminum fin coil			
	Fan power	kW	2.4×6		2.4×6	
	Fan type		Low sound axial fan			
	Fan quantity		6		6	
Water side heat exchanger	Type		Falling film			
	Rated water flow	m³/h	61.92		61.92	
	Inlet/outlet pipe	DN	150		150	
	Water dirt coefficient	m².°C/kW	0.018			
	Standard pressure	MPa	1.0			
External dimension	Water resistance	KPa	43		43	
	Unit length	mm	4100*		4100*	
	Unit width	mm	2200*			
Package dimension	Unit height	mm	2300*			
	Unit length	mm	4250*		4250*	
	Unit width	mm	2300*			
Weight	Unit height	mm	2400*			
	Unit weight	kg	3500*		3500*	
	Gross weight	kg	3550*		3550*	
	Operation weight	kg	3780*		3780*	

MODEL			KH0480OVMC		KH0480OVMC		KH0620OVMC		KH0620OVMC		
Cooling	Cooling capacity	kW	480		480		620		620		
	Power input	KW	152		152		197		197		
	EER	KW/KW	3.15		3.15		3.15		3.15		
	Running current	A	268		268		348		348		
Max.Power input	KW	256		256		315		315			
Max. running current	A	450		450		558		558			
Power supply	Ph/V/Hz	3/380/50									
Refrigerant throttle type		Electronic expansion valve									
Capacity control		25%, 50%, 75%, 100%									
Safe protection		High and low pressure protection, safe protection, water-lack delay protection, automatic antifreezing protection, fan motor overload protection, overheating protection, phase lack & sequence protection									
Compressor	Type		Semi-Hermetic screw chiller								
	Quantity		1		1		1		1		
	Input power	kW	132.8		132.8		173		173		
Refrigerant	Type		R134a								
	Charge	kg	150		150		180*		180*		
Air side heat exchanger	Type		Inner grooved copper pipe & hydrophilic aluminum fin coil								
	Fan power	kW	2.4×8		2.4×8		2.4×10		2.4×10		
	Fan type		Low sound axial fan								
	Fan quantity		8		8		10		10		
Water side heat exchanger	Type		Falling film								
	Rated water flow	m³/h	82.56		82.56		106.64		106.64		
	Inlet/outlet pipe	DN	150		150		150		150		
	Water dirt coefficient	m².°C/kW	0.018								
	Standard pressure	MPa	1.0								
External dimension	Water resistance	KPa	45		45		52		52		
	Unit length	mm	5400*		5400*		6300*		6300*		
	Unit width	mm	2200*				2300*				
Package dimension	Unit height	mm	2300*				2400*				
	Unit length	mm	5550*		5550*		6450*		6450*		
	Unit width	mm	2300*				2400*				
Weight	Unit height	mm	2400*				2400*				
	Unit weight	kg	5000*		5000*		6000*		6000*		
	Gross weight	kg	5070*		5070*		6070*		6070*		
	Operation weight	kg	5400*		5400*		6480*		6480*		

Note: * Data is pending;

Models Combinations

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Basic module	A	B	C	D	E	F
	KH0360OVMC	KH0360OVMD	KH0480OVMC	KH0480OVMD	KH0620OVMC	KH0620OVMD
Model	KH0720OVMC	KH0840OVMC	KH0960OVMC	KH0980OVMC	KH1080OVMC	KH1100OVMC
Combination	1*A+1*B	1*A+1*D	1*C+1*D	1*A+1*F	1*A+2*B	1*C+1*F
Model	KH1200OVMC	KH1240OVMC	KH1320OVMC	KH1340OVMC	KH1440OVMC	KH1460OVMC
Combination	1*A+1*B+1*D	1*E+1*F	1*A+2*D	1*A+1*B+1*F	1*C+2*D	1*A+1*D+1*F
Model	KH1560OVMC	KH1580OVMC	KH1600OVMC	KH1680OVMC	KH1700OVMC	KH1720OVMC
Combination	1*C+3*B	1*E+2*D	1*A+2*F	1*A+1*B+2*D	1*E+3*B	1*C+2*F
Model	KH1800OVMC	KH1820OVMC	KH1860OVMC	KH1920OVMC	KH1940OVMC	KH1960OVMC
Combination	1*A+3*D	1*C+2*B+1*F	1*E+2*F	1*C+3*D	1*A+2*D+1*F	1*A+1*B+2*F
Model	KH2060OVMC	KH2080OVMC	KH2200OVMC	KH2220OVMC	KH2340OVMC	KH2480OVMC
Combination	1*E+3*D	1*A+1*D+2*F	1*E+2*D+1*F	1*A+3*F	1*C+3*F	1*E+3*F

Note:

1.Main modules: A&C&E. Auxiliary modules: B&D&F. Models Combinations must be no more than 4 modules, and must be one main module and no more than 3 auxiliary modules.The largest combination cooling capacity is 2480kW.

2.Some models in the table have more than one combination scheme, customers can freely choose other combination schemes according to their own requirements."