

KEEPING IT

COOL

**Highly Reliable, Energy Efficient
and Easy to Install**

Kirloskar Chillers has been a trusted name in the HVAC industry for almost 3 decades, offering a comprehensive range of Centrifugal, Screw and Oil-free Magnetic Bearing Centrifugal Chillers. With energy-efficient and reliable solutions for air-conditioning and process cooling for various segments including Government and Infrastructure, Commercial and Industrial applications, Kirloskar is a trusted brand in India and overseas. Chillers are manufactured at a state-of-the-art facility at Rajewadi, near Pune. The factory is certified to ISO-9001, ISO-14001 & ISO-45001 under the Integrated Management System.

A customer-centric approach and continuous product innovation are hallmarks of the Kirloskar Group. Kirloskar Chillers offers a range of energy-efficient scroll chillers that are easy to install, operate and maintain while utilising eco-friendly refrigerant HFC-410A.



**AIR COOLED
SCROLL CHILLERS**

SALIENT FEATURES



EASY AND QUICK INSTALLATION

Chillers are pre-wired, refrigerant-charged and factory-tested prior to dispatch, making installation and start-up easy and quick.



ENERGY EFFICIENT & RELIABLE SCROLL COMPRESSORS, MULTI-CIRCUIT DESIGN

Multiple scroll compressors provide redundancy and enable efficient part load operations and energy savings.



ADVANCED MICROPROCESSOR-BASED CONTROL SYSTEM

Ensures safe operation by monitoring essential parameters and optimising chiller operation.



BMS COMPATIBILITY

Controller has an optional feature for connectivity to BMS over most open protocols.



MODULAR CONSTRUCTION

Enables parallel operation of multiple units to achieve desired plant capacity.



QUIET OPERATION

Axial fans designed for exceptionally silent operation.

Model		UOM	KAC 011.20	KAC 022.20	KAC 044.40
Nominal Cooling Capacity*		kW	37	80	162
		TR	11	23	46
Refrigerant			R410A		
Power Supply			400+- 10%, 3 Phase, 50 Hz AC		
Capacity Control			100, 50%	100, 50%	
Expansion Device			Electronic Expansion Valve		
Compressor	Type		Hermetic Scroll		
	Qty.	No.	2	2	4
Number of Refrigeration Circuits			2	2	2
Fan	Type		Low Noise Axial Flow Fans		
	Qty	No.	2	2	2
	Diameter	mm	660	760	900
Evaporator	Type		Dx Shell and Tube		
	Water Flow Rate	m ³ /h	6.4	13.8	27.77
Water Connections	In/Out		1/1	1/1	1/1
	Size		65	65	100
Nominal Dimension (L X W X H)	Length	mm	2071	2570	3130
	Width	mm	950	1092	1580
	Height	mm	1436	1870	2195
Net Weight		kg	500	680	1550

*At Standard Rating Conditions

- Chilled water leaving temp. 6.7°C (44°F) and entering temp. 12.2°C (54°F)
- Ambient temperature 35°C (95°F)
- Evaporator fouling factor 0.00010° F.ft².hr/Btu

Contact a Kirloskar Chillers sales office to select an optimised chiller. Configurations and options for conditions other than listed above are available on request.



Contact

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