

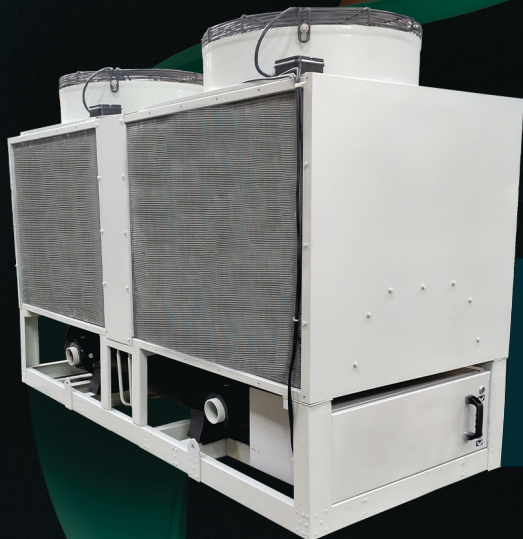
## KEEPING IT

# COOL

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

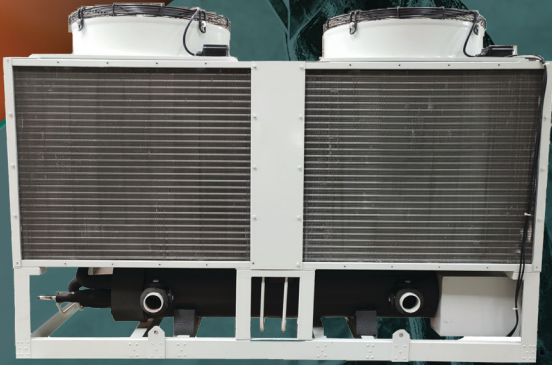
Kirloskar Chillers has been a trusted name in the HVAC industry for almost 3 decades, offering a comprehensive range of Centrifugal, Screw and Oil-free Magnetic Bearing Centrifugal Chillers. With energy-efficient and reliable solutions for air-conditioning and process cooling for various segments including 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 <sup>3</sup> /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.ft<sup>2</sup>.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.

**Kirloskar Chillers Private Limited**  
A Kirloskar Group Company

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