

# DCE CHILLER



**The natural chiller choice**  
**Cooling capacity ranging from 50 TR to 180 TR**

## DCE CHILLER - The complete refrigeration package

The state of the art **DCE CHILLER** combines exceptional efficiency, quality components, and performance monitoring to ensure the lowest total cost of ownership. The **DCE CHILLER** delivers the benefits of industrial-quality ammonia refrigeration in a convenient and factory-built package so that the uncertainty of synthetic HFC refrigerants can be easily avoided with a future-proof solution.

The **DCE CHILLER** is an excellent solution and the natural choice for temperature controlled storage, food production, process cooling, and more. Because it uses a very low charge of ammonia in an outdoor package, it offers an extremely safe option that is easy to install and easy to operate.

The **DCE CHILLER** has been developed specifically to minimize the refrigeration setup footprint in the plant room while also improving plant efficiency.



### Key Features :

- Factory built, assembled and tested units to provide assured quality to customer at site
- Highly reliable components like compressor and heat exchanger from industry established manufacturers
- Sophisticated refrigeration controls for superior safety, increased efficiency and simple operation
- The use of ammonia as a refrigerant - relatively cheaper and natural refrigerant with zero ODP and zero GWP!
- Low refrigerant charge
- PLC control for fully unattended operation (optional)
- 360 degrees of convenient maintenance access





## Standard package options

The **DCE CHILLER** has a capacity ranging from 50 to 180 TR. DCE chiller is a complete refrigeration package integrating high quality, industrial components with our customized control package to offer unrivalled efficiency, performance, reliability, and quality. Following are standard package sizes on offer:

Type	Model	Comp / Motor	Capacity* (TR)	Dimensions (mm)			Est. shipping weight (kgs)
				L	B	H	
Standard chiller	DC-50	KCX-2 / 45 KW	50	4420	2100	2400	4000
	DC-75	KCX-3 / 75 KW	75	4420	2100	2400	4400
	DC-100	KCX-4 / 90 KW	100	4458	2100	2400	4650
	DC-150	KCX-6 / 132 KW	150	4543	2300	2400	5150
Energy Saver chiller	DC-60e	KCX-2 / 55 KW	60	4400	2100	2240	4250
	DC-90e	KCX-3 / 90 KW	90	4400	2100	2240	4650
	DC-120e	KCX-4 / 110 KW	120	5112	2100	2400	5000
	DC-180e	KCX-6 / 160 KW	180	5487	2300	2400	5650

*\*Capacity is for chilled water generation at temperature of 2°C*

DCE can customize the packages as per customer requirement. Potential customizations:

- Glycol chilling
- Fully automatic skid

DCE sales person can help to select chiller model that suits your specific application. Also, we provide turnkey refrigeration solutions for bigger capacities.

## Applications

The family of pre-engineered chillers is suitable for a wide variety of end user markets, including temperature controlled storage, food processing, beverage production, process cooling, HVAC, data centers, pharmaceutical and more. DCE chiller has been used in brewery and dairy application.



## Why DCE Chiller?

### Easy installation at site

DCE provides complete factory built package

### Service friendly design

DCE chiller is built taking into account regular service requirements

### Low footprint

DCE chiller package is optimized for space saving at site

### Low power bills

The energy saver DCE chiller will have significant annual power saving

### Recognized brand

DCE has a well established track record of ammonia refrigeration units in the industry for **20+ years**

## About Us

**M/s DCE Refrigeration Pvt. Ltd.** was started in **1997** for providing specialized services in the field of **Industrial refrigeration**. We are engaged in manufacturing, Supply, Erection & Commissioning of Tailor Made Refrigeration Systems to suit customer requirements for sectors such as Dairies, Breweries, Cold Storages, Confectionaries, food & beverages & many more. Our projects are known for good engineering practices, fine quality fabrication work and timely service support. We have attained a reputed position in market for ammonia refrigeration solutions due to a well experienced team of professionals led by our directors, **Mr. Pradip Wani** and **Mr. Sanjay Ethape**.

### Trusted by:



And many more.....



### **DCE REFRIGERATION PVT. LTD.** **REFRIGERATION ENGINEERS & CONTRACTORS**

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