

# Mini Ice Plant Training System

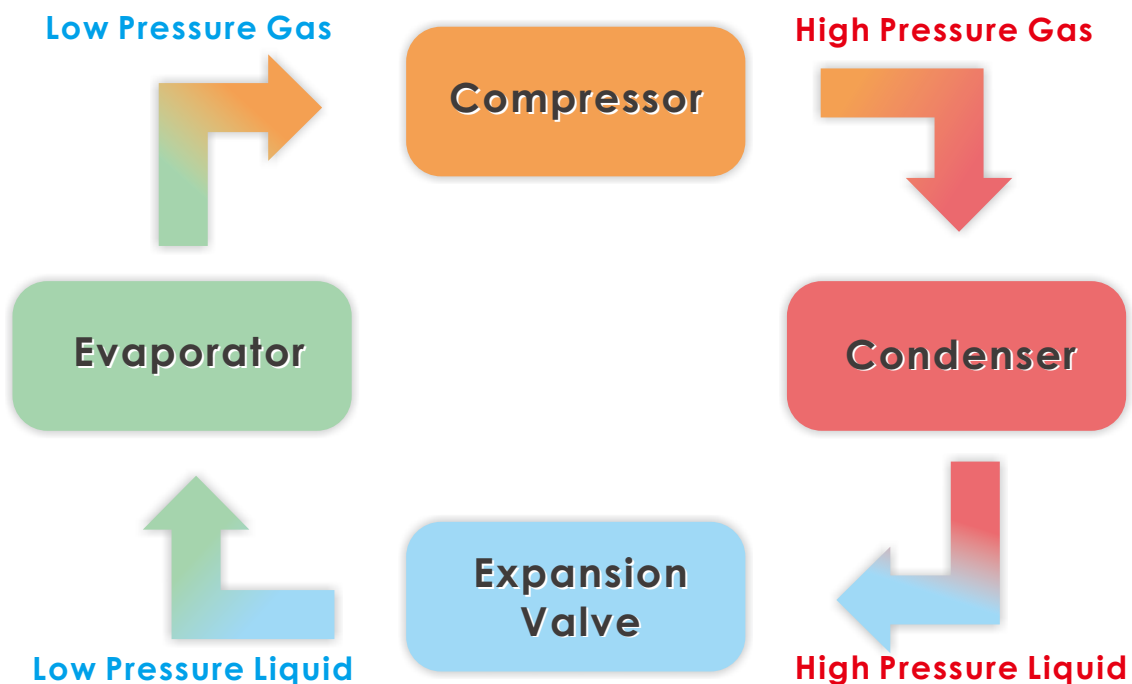
The Mini Ice Plant Training System (KR-112) provides a learning platform for students to understand the basic components and the operating principles of an industrial brine freezer. Students can also learn various freezing methods through wireless transmission and remote control (both are the practices of Industrial 4.0).



## KR-112

### ● How Does An Ice Plant Work?

All refrigeration facilities consist of 4 key components, including the compressor, the condenser, the evaporator, and the expansion valve. Ice making systems are no exceptions.



## ● Learning Topics

- ➔ Understanding various freezing methods.
- ➔ Understanding the cycling principle and characteristics of brine refrigeration systems.
- ➔ Understanding the components and principles of industrial brine freezing systems.

## ● Human Machine Interface (HMI)

The HMI in KR-112 includes built-in programs to provide methods of monitoring and controlling the system status (both locally and remotely).

