

**KAESER**  
**COMPRESSORS**®

*Built for a lifetime.*



# **Kaeser Air System Enclosures**

**Complete compressed air systems**

Designed for exceptional reliability, convenience, and superior energy efficiency

**[kaeser.com](http://kaeser.com)**

# Kaeser Air System Enclosures

## ***A solution to many challenges***

*Kaeser Air System Enclosures (KASE) are purpose-built, complete compressed air systems delivered ready to operate in a secure, weatherproof enclosure. Each is designed for exceptional reliability, simple maintenance, and superior energy efficiency. They eliminate space, weather, and accessibility constraints and greatly reduce construction and installation time. These solutions can be designed, sourced, built, delivered, and commissioned faster than securing a building permit. Kaeser Air System Enclosures are a financially viable alternative to new construction or building renovations, and provide a better operating environment than most compressor rooms.*

### **Get up and running**



KASE installation eliminates the need to expand or build a new compressor room, which is costly in both time and money. You can scale up quickly to meet expanding production or avoid downtime if you are renovating, and a KASE typically requires little or no permitting. And if you ever need to move it you can.

### **Service-friendly**



From the base plate up, each KASE has been engineered with service needs in mind. We've ensured service access for regular maintenance and repairs. This helps reduce down time and labor. For safety, interiors are well lit and each machine has a dedicated electrical disconnect. Also, service technicians do not need access to production areas, improving plant safety and security.

### **A cooler working environment**



Removing compressed air equipment from inside your plant often helps improve uptime. Each KASE is designed to provide a clean, temperature controlled, and well lit operating environment for your air system. This reduces service costs and increases equipment life and performance while removing a source of heat and noise from your plant.

### **Low energy costs**



We design each KASE to achieve the same superior energy efficiency as our in-plant systems. From the compressors, dryers and filters, to the piping and controls, we don't compromise on performance. Kaeser's integrated controls and Sigma Air Manager (SAM) 4.0, provide energy management without sacrificing stable pressure performance. SAM 4.0 also tracks and records energy data full time.

# Features and benefits



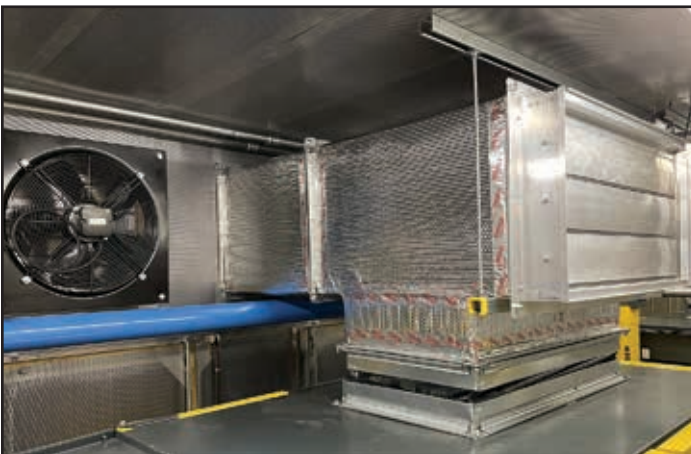
## Complete, weatherproof enclosure

KASE units include a full weatherproof enclosure rated for 110 mph wind loads and 50 lbs/sq ft snow loads. Interior and exterior walls are metal, with thermal and sound dampening cores. The system is accessed through at least two entry doors, with removable panels for major service access. These complete, ready-to-ship compressed air systems need minimal site preparation, and need only one electrical and one process connection.



## Pre-wired for single point hook-up

Each KASE is fully wired to NEC standards. A single power connection to the external main power disconnect ensures safety and simplifies installation. Inside, the main power is neatly and safely distributed to individual equipment disconnects and sub-panels. All step-down power transformers, low voltage circuits, EMT conduit, and lighting are complete.



## Ventilation and temperature control

To ensure maximum equipment life, ventilation is thermostatically controlled to provide optimum operating temperatures. External vents and fans facilitate fresh air flow throughout the enclosure while compressor ducting and louvers exhaust or recirculate the heat to maintain proper room temperature. Auxiliary heaters eliminate cold starting conditions.



## Piping

Enclosures are fully piped with Kaeser's smooth bore, calibrated aluminum SmartPipe or stainless steel piping. Isolation valves at critical points allow individual unit maintenance without service disruptions. KASE connects to your plant through a convenient single flange connection on the outside of the enclosure.

# Available configurations

Model	Description	Total System Flow* (acfm)	Max Pressure (psig)	ISO Air Quality Level	Electrical Requirement (Full Load)	Package Dimensions L x W x H (ft.)	Footprint (sq. ft.)	Package Weight (lbs.)
KASE 200	200 hp with stand-alone refrig dryers (2) CSD 100 + (2) TF 210E	988	125	1 / 4 / 2	331.8 A @ 460V/3ph/60Hz	30 x 11.5 x 11	345	27,200
KASE 200T	200 hp with integrated refrig dryers (2) CSD 100T	988		1 / 4-5 / 2	308 A @ 460V/3PH/60HZ	30 x 9.5 x 11	285	25,500
KASE 250	250 hp with stand-alone refrig dryer (1) DSD 250 + (1) TG 520	1052		1 / 4 / 2	311.3 A @ 460V/3ph/60Hz	26 x 11 x 11	286	24,600
KASE 300T	300 hp with integrated refrig dryers (3) CSD 100T	1482		1 / 4-5 / 2	458.4 A @ 460V/3ph/60Hz	42 x 9.5 x 11	399	34,400
KASE 125DT	125 hp oil-free with integrated heat of compression dryer (1) CSG 130-2A iHOC	457		6 / 2-4 / 1-4	191.4 A @ 460V/3ph/60Hz	20 x 8 x 10.5	160	20,000

\*Total system flow including backup

**Specifications subject to change without notice.**

## Ready to ship

Kaeser Air System Enclosures are in stock and ready to ship, with minimal site preparation needed. If one of these configurations doesn't meet your needs, we offer custom engineered solutions built to specification. All KASE units are available for purchase or as a Sigma Air Utility (SAU) in which Kaeser owns the system and covers all service for a fixed monthly fee.



Take a tour inside a KASE.



Learn more about SAU.



**Built for a lifetime.**



[www.kaeser.com](http://www.kaeser.com)

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