

| IQ-CDA CLEAN DRY AIR SYSTEM

Introduction

Sensata's iQ-CDA, portable compressed dry air system, is designed to provide a continuous and reliable supply of clean, dry air typically used as purge air in temperature forcing systems. The system allows for convenient hook-up to Sensata's iQ-Phase or liquid systems, thus removing the need for facility air requirements.



Features

- Removes the need for house air
- Low power consumption
- Up to 1cfm at 15psi air delivery
- Less than -50°C air dewpoint
- Continuous relative humidity (%RH) delivery monitoring
- Low level noise
- Rack mountable: 19in rack, 5U form factor
- Bench mountable, remote positioning
- Continuous operation

Applications

- Purge air for temperature forcing systems
- Direct supply for iQ-Phase system
- Direct supply for Sensata liquid/air/LN2 systems

Cutting Edge. Clean. Dependable.

With its safe and continuous supply of clean dry air, the iQ-CDA system is designed to provide all your typical purge air requirements to supplement your temperature forcing system. Sensata Technologies has an exceptional history of more than 95 years and is a leading supplier of interconnect technology.

SPECIFICATIONS

Operation

Input ambient air (%RH)	< 40
Output air humidity (%RH)	< 0.2
Output air dewpoint (°C)	< -50
Output air delivery	Up to 1cfm @ 50psig

Mechanical

Controller size (mm)	434W x 222H x 356L
Controller weight (kg)	110
Rack mount	19in (5U)
Output connections	3/8" tube push-connect

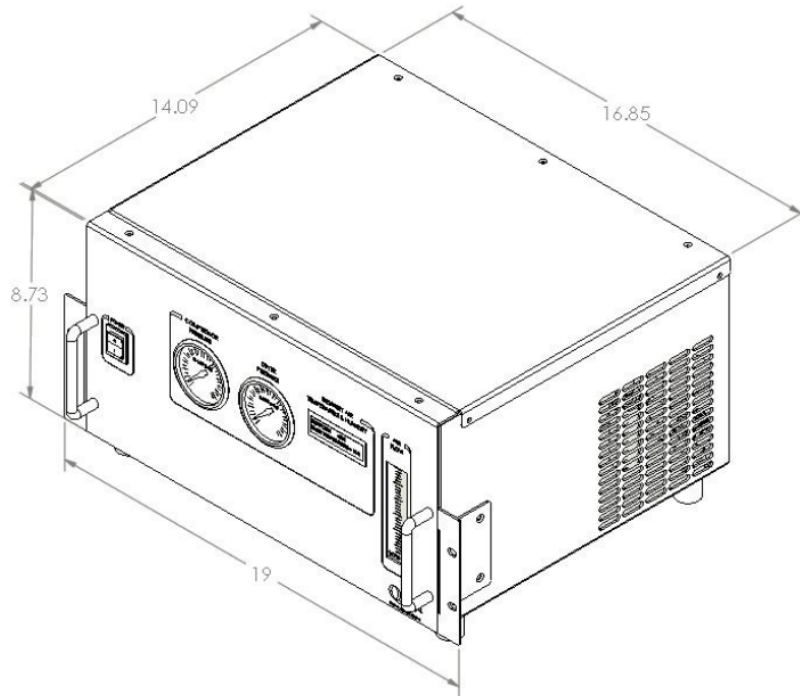
Facilities

Power (switchable VAC)	110/250
Power connection	C19
Consumption (kW)	0.2

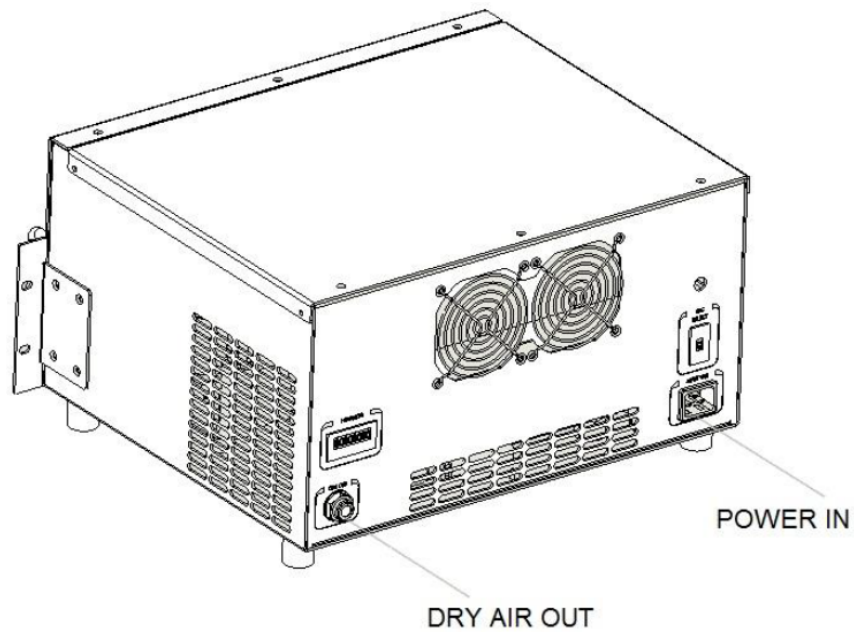


DIMENSIONS

All dimensions are in millimeters [inches]



CONNECTIONS





WARNINGS



RISK OF MATERIAL DAMAGE AND HOT ENCLOSURE

- The product's side panels may be hot, allow the product to cool before touching
- Follow proper mounting instructions including torque values
- Do not allow liquids or foreign objects to enter this product

Failure to follow these instructions can result in serious injury, or equipment damage.



HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Disconnect all power before installing or working with this equipment
- Verify all connections and replace all covers before turning on power

Failure to follow these instructions will result in death or serious injury.

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