DataDry-Series

Deshumidificadores Data Center

CS60EI | Extracción de Humedad | 26 lpd

Datos del Producto

CS60 DEHUMIDIFIER

SPECIFICATIONS

Specifications	CS60
Model No.	10264CS-US
Height	14” (355mm)
Width	14” (355mm)
Depth	20” (508mm)
Weight	63 lbs (28.5kg)
Voltage	110 V
Phase	1
Frequency	60 Hz
Current	7 A
Power	880W
Airflow	360cfm (608m3/hr)
Noise Level	57 dba
Refrigerant	R407c
Effective Volume	8,369 cu.ft (237m3)
Typical Extraction	56 ppd
Minimum Operating Temperature	33°F (1°C)
Maximum Operating Temperature	95°F (35°C)

Features	CS60
Model No.	10264CS-US
On/Off Control (Via Humidistat)	✔
Electronic Defrost Control	✔
Compressor Type	Rotary
Fitted Mains Plug	✔
Rubber Anti-Vibration Feet	✔
Internal Humidistat	✔
Adjustable Control Humidistat	✔
Hot Gas Defrost System	✔
Washable Air Filter	✔
½” Dia Drain Hose Connection	✔
Collapsible Carrying Handles	✔
10’ Length of PVC Drain Hose	✔
Epoxy Powder Coating	✔

APPLICATION

The EIPL CS60 commercial/industrial dehumidifier was designed to provide energy efficient humidity control in a wide range of applications including offices, laboratories, apartments, storage areas, restaurants, bars, museums, locker rooms, computer, telecommunication rooms and basements. It is a quiet, high efficiency, high capacity unit designed to suit your HVAC needs. The range of EIPL dehumidifiers are ideally suited to prevent condensation from forming on windows, walls and ceilings by removing excess moisture. They will also stop mold and mildew and eliminate rust and corrosion.

KEY DESIGN FEATURES

- Adjustable control humidistat to maintain the level of dryness.
- A convenient drain point for condensate collection and hose attachment.
- EIP’s unique “Hot Gas” defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures.
- Rugged, epoxy powder-coated steel chassis and housing.
- Adjustable humidistat for fully automatic operation.
- High efficiency rotary compressor.
- Simplicity of installation and operation with a standard 115V plug.
- Extra long power cord.
- Collapsible handles.

HIGH CAPACITY • COMPACT • LOW TEMPERATURE
INDUSTRIAL INSTITUTIONS • RENTALS • HOMES

DataDry-Series

Deshumidificadores Data Center

CS90EI | Extracción de Humedad | 30 lpd

Datos del Producto

CS90-E & CS90-H DEHUMIDIFIER

SPECIFICATIONS

Specifications	CS90-E	CS90-H
Model No.	10590GE-US	10590GH-US
Height	15" (386mm)	15" (386m)
Width	14" (353mm)	14" (353mm)
Depth	22" (564mm)	22" (564mm)
Weight	83.7 lbs (38kg)	83.7 lbs (38kg)
Voltage	110 V	110 V
Phase	1	1
Frequency	60 Hz	60 Hz
Current	7 A	7 A
Power	880W	880W
Airflow	360cfm (608m3/hr)	360cfm (608m3/hr)
Noise Level	57 dba	57 dba
Refrigerant	R407c	R407c
Effective Volume	8,369 cu.ft (237m3)	8,369 cu.ft (237m3)
Typical Extraction	70 ppd	70 ppd
Minimum Operating Temp	33°F (1°C)	33°F (1°C)

Features	CS90-E	CS90-H
Model No.	10590GE-US	10590GH-US
On/Off Control	✔	✔
Electonic Humidity Controller	✔	✔
Integral Humidity Sensor	✔	✔
Smartphone Interface	✔	X
Datalogging Facility	✔	X
High Lift Condensate Pump	✔	✔
Electronic Defrost Control	✔	✔
Compressor Type	Rotary	Rotary
High Capacity Fan	✔	✔
Fitted Mains Plug	✔	✔
Rubber Anti-Vibration Feet	✔	✔
Hot Gas Defrost System	✔	✔
Washable Air Filter	✔	✔
Quick Release Hose Connector	✔	✔
Moulded Carrying Handles	✔	✔

APPLICATION

The EIPL CS90 commercial/industrial dehumidifier was designed to provide energy efficient humidity control in a wide range of applications including offices, laboratories, apartments, storage areas, restaurants, bars, museums, locker rooms, computer, telecommunication rooms and basements. It is a quiet, high efficiency, high capacity unit designed to suit your HVAC needs. The range of EIPL dehumidifiers are ideally suited to prevent condensation from forming on windows, walls and ceilings by removing excess moisture. They will also stop mold and mildew and eliminate rust and corrosion.

KEY DESIGN FEATURES

- Electronic Humidistat and sensor
- Integral high lift condensate pump
- EIP's unique "Hot Gas" defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures.
- Rugged, epoxy powder-coated steel chassis and housing.
- High efficiency rotary compressor.
- Simplicity of installation and operation.
- Extra long power cord.
- Concealed handles.

CS90-E ADDITIONAL FEATURES

- Smartphone interface
- Datalogging facility

HIGH CAPACITY • COMPACT • LOW TEMPERATURE
INDUSTRIAL INSTITUTIONS • RENTALS • HOMES

WHY THE NEED FOR A DEHUMIDIFIER?

The EIPL CS90 commercial/industrial dehumidifier was designed to provide energy efficient humidity control in a wide range of applications including offices, laboratories, apartments, storage areas, restaurants, bars, museums, locker rooms, computer, telecommunication rooms and basements. It is a quiet, high efficiency, high capacity unit designed to suit your HVAC needs.

The range of EIPL dehumidifiers are ideally suited to prevent condensation from forming on windows, walls and ceilings by removing excess moisture. They will also stop mold and mildew and eliminate rust and corrosion. .

KEY DESIGN FEATURES

Adjustable electronic humidistat to maintain the level of dryness, Integral high lift condensate pump, EIP's unique "Hot Gas" defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures.

Rugged, epoxy powder-coated steel chassis and housing,Adjustable humidistat for fully automatic operation, High efficiency rotary compressor, Simplicity of installation and operation with a standard 230V plug,Carrying handles, Inlet Air Filter.

CS90-H/E

EIPL dehumidifiers are effective solutions to environmental control problems. The CS range of units are high capacity dehumidifiers, made to operate at high efficiencies by removing moisture from the air through the refrigeration process. The fan draws the moist air through the cold evaporator coil, which cools the air below its dew point. Moisture forms on the evaporator coil and is collected in the condensate tray.

The cooled air then passes through the hot condenser coil where it is reheated using the same energy removed during the cooling phase, plus the additional heat generated by the compressor. The air is, therefore, discharged from the dehumidifier at a slightly higher temperature with a lower absolute humidity than that which entered. Continuous circulation of air through the dehumidifier gradually reduces the relative humidity within the area. Because the CS ranges of units are equipped with an internal electonic humidistat, they automatically switch on and off to save energy and expense by maintaining the desired level of humidity with intermittent operation.

The small compact size of the CS90 products, and remote monitoring feature (via a smartphone app) of the CS90-E, make the unit and the ideal choice for installations where access is limited i.e. loft installations, crawl spaces etc.

APPLICATIONS:

APPLICATIONS	CS90
Offices	✔
Shops	✔
Restaurants	✔
Warehouses	✔
Basements	✔
Factories	✔
De-Flooding	✔
Sports Halls	✔
Storage Areas	✔
Swimming Pools	✔

FEATURES INCLUDE:

SPECIFICATIONS	CS90-H 10590GH-GB	CS90-E 10590GE-GB
Electronic Humidity Control	✔	✔
Smartphone Interface	X	✔
Datalogging Facility	X	✔
ON/OFF Control	✔	✔
Reverse Cycle Defrost	✔	✔
Electronic Defrost Control	✔	✔
High Lift Condensate Pump	✔	✔
Power On Indicator	✔	✔
Free Standing	✔	✔
Wall Mounting Bracket	O	O
High Level Safety Cut-Out Switch	✔	✔
Washabale Air Filter	✔	✔
Internal Safety Float Switch	✔	✔
Epoxy Powder Coating	✔	✔
All Steel Construction	✔	✔

TECHNICAL DATA:

SPECIFICATIONS	CS90-H 10590GH-GB	CS90-E 10590GE-GB
Height (mm)	381	381
Width (mm)	356	356
Depth (mm)	559	559
Weight (kg)	38	38
Voltage (V)	230	230
Current (A)	3	3
Phase	1	1
Frequency (Hz)	50	50
Power (kW)	0.68	0.68
Airflow (m3/h)	390	390
Noise Level (dba)	50	50
Refrigerant	R407c	R407c
Effective Volume (m3)	250	250
Typical Extraction (27°C 60%RH) (lt/day)	30	30
Min Op Temp (°C)	3	3
Maxi Op Temp (°C)	35	35

DataDry-Series

Deshumidificadores Data Center

K100EI | Extracción de Humedad | 36 lpd

Datos del Producto

K100-E & K100-H DEHUMIDIFIER

SPECIFICATIONS

Specifications	K100-E	K100-H
Model No.	10185GE-US	10185GH-US
Height	27" (692mm)	27" (692mm)
Width	18" (464mm)	18" (464mm)
Depth	22" (580mm)	22" (580mm)
Weight	116lbs (53kg)	116lbs (53kg)
Voltage	110V	110V
Phase	1	1
Frequency	60 Hz	60 Hz
Current	16 A	16 A
Power	1090 W	1090 W
Airflow	700cfm (1190m3/hr)	700cfm (1190m3/hr)
Noise Level	66 dba	66 dba
Refrigerant	R407c	R407
Effective Volume	10,594 cu.ft (300m3)	10,594 cu.ft (300m3)
Typical Extraction	97 ppd	97 ppd
Min Operating Temp	33°F (1°C)	33°F (1°C)
Max Operating Temp	95°F (35°C)	95°F (35°C)

Features	K100-E	K100-H
Model No.	10185GE-US	10185GH-US
Rotary ON/OFF Switch	✔	✔
Electronic Humidity Control	✔	✔
Smartphone Interface	✔	X
Datalogging Facility	✔	X
Reverse Cycle Defrost System	✔	✔
Electronic Defrost Control	✔	✔
Compressor Type	Recip	Recip
Fitted Mains Plug	✔	✔
Free Standing	✔	✔
Wall Mounting Bracket (✔ = Inc, O = Optional)	O	O
High Capacity Water Pump (20ft Vertical Lift)	✔	✔
High Level Cut-out Switch	✔	✔
Epoxy Powder Coating	✔	✔

APPLICATION

The EIPL K100 range of dehumidifiers are versatile workhorse, designed to eliminate high humidity problems in harsh environments. Warehouses, storage rooms, electrical and communications switching stations, locker rooms, basements, pumping stations, offshore oil rigs and active and laid-up marine vessels have all found this rugged range of units to be more than adequate for the tasks.

The impressive K100 can be easily moved from site to site, or can be permanently mounted and ducted to suit a variety of applications.

KEY DESIGN FEATURES

- Electronic Humidistat and sensor
- Integral high lift condensate pump
- EIPL's unique "Reverse Cycle" defrosting system, for effective operation in low ambient temperatures.
- Standard 115V power requirements for operation in any location.
- Option wall mounting bracket
- Rubber Anti Vibration feet
- Duct flanges

K100-E ADDITIONAL FEATURES

- Smartphone interface
- Datalogging facility

A FULL RANGE OF HIGH CAPACITY LOW TEMPERATURE DEHUMIDIFIERS FOR INDUSTRY, INSTITUTIONS, RENTAL HOMES

WHY THE NEED FOR A DEHUMIDIFIER?

Huge costs are incurred every year through inflated building maintenance costs and damaged inventory as a result of dampness. EIPL dehumidifiers are effective solutions to environmental control problems. Excess humidity in your premises results in corrosion, mould growth and condensation.

By installing an EIPL dehumidifier controlled humidity conditions can be maintained to provide protection in larger commercial areas and buildings.

WHY CHOOSE EIPL?

EIPL is Europe's leading manufacturer of dehumidifiers and is a name you can rely on. No matter how extreme the conditions EIPL's efficiently copes comfortably even at the coldest temperatures. All units incorporate a humidistat which enables you to choose the dryness to minimize running costs and ensure there is no over drying.

K100-H/E

For use in commercial areas and large buildings the K100-E is the ideal unit to control humidity and maintain desired conditions in your premises.

With the capacity to extract up to 36 litres of moisture in 24 hours combined with a Electronic humidistat control the K100-E will maintain conditions without the worry of excessive energy costs or over drying. Installation is quick and easy, simply position the unit, connect to the mains supply, connect the drain outlet to a suitable drainage point, and switch On.

The K100-H/E are free standing units, however a wall mounting bracket is available which will allow the unit to be wall mounted. The K100-H/E range of dehumidifiers all incorporate a high lift condensate pump, allowing the condensate to be pump to heights in excess of 4m. The compact size of the K100 products, and remote monitoring feature (via a smartphone app) of the K100-E, makes the unit and the ideal choice for installations where access is limited i.e.

APPLICATIONS:

APPLICATIONS	K100
Offices	✔
Shops	✔
Restaurants	✔
Warehouses	✔
Basements	✔
Factories	✔
De-Flooding	✔
Sports Halls	✔
Storage Areas	✔
Swimming Pools	✔

APPLICATIONS	K100
Laboratories	✔
Oil Rigs	✔
Agriculture	✔
Kitchens	✔
Pubs	✔
Hospitals	✔
Hotels	✔
Stadiums	✔
Ships	✔

FEATURES INCLUDE:

SPECIFICATIONS	K100-H 10185GH-GB	K100-E 10185GE-GB
Electronic Humidity Control	✔	✔
Smartphone Interface	X	✔
Datalogging Facility	X	✔
ON/OFF Control	✔	✔
Reverse Cycle Defrost	✔	✔
Electronic Defrost Control	✔	✔
High Lift Condensate Pump	✔	✔
Power On Indicator	✔	✔
Free Standing	✔	✔
Wall Mounting Bracket	O	O
High Level Safety Cut-Out Switch	✔	✔
Reversable Side Cover For High Installs	✔	✔
Internal Safety Float Switch	✔	✔
Epoxy Powder Coating	✔	✔
All Steel Construction	✔	✔

TECHNICAL DATA:

SPECIFICATIONS	K100-H 10185GH-GB	K100-E 10185GE-GB
Height (mm)	686	686
Width (mm)	457	457
Depth (mm)	559	559
Weight (kg)	63	63
Voltage (V)	230	230
Current (A)	8	8
Phase	1	1
Frequency (Hz)	50	50
Power (kW)	1.5	1.5
Airflow (m3/h)	510	510
Noise Level (dba)	66	66
Refrigerant	R407c	R407c
Effective Volume (m3)	300	300
Typical Extraction (27°C 60%RH) (lt/day)	36	36
Min Op Temp (°C)	3	3
Maxi Op Temp (°C)	35	35