

TARU DEHUMIDIFIERS



Our dehumidifiers work with cooling principle , which is a very effective technique for dehumidification.



Industrial dehumidifiers :

Dehumidifiers work with a cooling principle and designed to condition the application aerea or to dry a product. Depending on the application aerea, there are two types of industrial dehumidifiers:

Single unit industrial dehumifiers: (Device is out of the room)

Double unit industrial dehumidifiers (Device is in the room)

Both industrial dehumidifiers have cooling, heating and dehumidification functions. Depending on the application aereas and dew points, there are 3 different models.

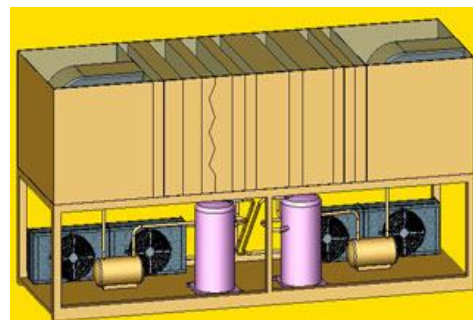
Single unit industrial dehumidifiers

products are designed one-piece, it is proper for the ducted and for the applications which the unit is outside of the conditioned room.

UNIUM-D 40 series supplies %40 relative humidity at 20 °C air , and at 5 °C dew point .

Air flow capacity : 3.000 – 18.000 m3/h
Dehumidification capacity : 31.1 - 186 kg/h

With the optional heat pump technique, saves 50% heating energy.
With the optional heat pipe heat recovery system saves 30% energy.



UNIUM-D 30 series supplies %30 relative humidity at 20 °C air , and at 1 °C dew point .

Air flow capacity : 3.000 – 18.000 m3/h
Dehumidification capacity : 36.3 - 217 kg/h

With the optional heat pump technique, saves 50% heating energy.
With the optional heat pipe heat recovery system saves 30% energy.

UNIUM-D 20 series supplies %20 relative humidity at 20 °C air , and at -4 °C dew point .

Depending on a special dew point defrost system, saves 15 % energy.

Air flow capacity : 3.000 – 18.000 m3/h
Dehumidification capacity : 41.4 - 248 kg/h

Optional hot gas defrost.
With the optional heat pump technique, saves 50% heating energy.
With the optional heat pipe heat recovery system saves 30% energy .

Double unit industrial dehumidifiers

Double unit dehumidifier series products contains two pieces. Cooling unit in the room and condenser unit out of the room.

UNIHUM-I 40 series supplies %40 relative humidity at 20 °C air , and at 5 °C dew point .

Air flow capacity : 3.000 – 5.000 m3/h
Dehumidification capacity : 10.3 - 51 kg/h

With the optional heat pump technique, saves 50% heating energy.

With the optional heat pipe heat recovery system saves 30% energy.

UNIHUM-I 30 series supplies %30 relative humidity at 20 °C air , and at 1 °C dew point .

Air flow capacity : 3.000 – 18.000 m3/h
Dehumidification capacity : 12.1 - 60 kg/h

With the optional heat pump technique, saves 50% heating energy.

With the optional heat pipe heat recovery system saves 30% energy.

UNIHUM-I 20 series supplies %20 relative humidity at 20 °C air , and at -4 °C dew point

Depending on a special dew point defrost system, saves 15 % energy.

Air flow capacity : 3.000 – 18.000 m3/h
Dehumidification capacity : 13.8 - 69 kg/h

Optional hot gas defrost.

With the optional heat pump technique, saves 50% heating energy.

With the optional heat pipe heat recovery system saves 30% energy .



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