

COTES C35C FOR COLD CONDITIONS

COTES



DESIGNED FOR MANAGING HUMIDITY AT EXCEPTIONALLY LOW TEMPERATURES

C35C dehumidifier models are specially designed to help prevent ice forming within freezer facilities, cold stores and other places where temperatures are exceptionally low. They are configured to withstand conditions down to -25°C .

In such conditions, the combination of low temperatures and moisture in the air ice often means ice forms on surfaces of all kinds, as well as around places such as doors and entranceways. Such ice affects the quality and integrity of the stored goods, and can easily become a safety risk. Injuries due to falls, as well as damage caused by vehicles or equipment skidding or sliding, can be both dangerous and extremely costly.

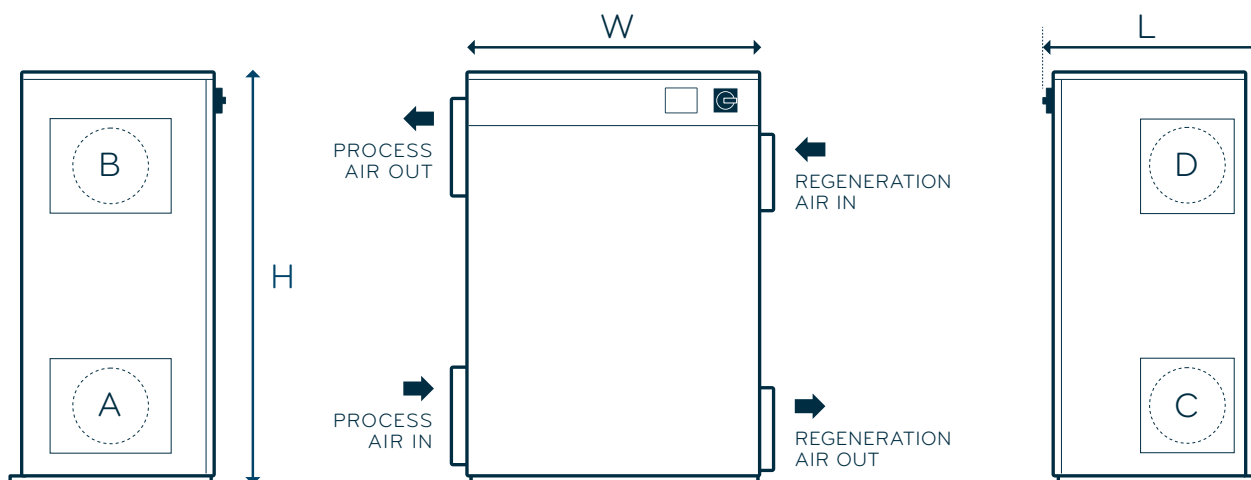
Worse still, ice can form on the evaporator part of the actual refrigeration system. This significantly reduces its capacity, as well as bumping up operating costs due to the additional energy required for effective running.

Cotes C35C dehumidifiers are the most cost-effective way to tackle all these problems.

WANT TO KNOW MORE?

CONTACT COTES EXPERTS AT +45 5819 6322 / SALES@COTES.COM

TECHNICAL DATA



| THE C35 RANGE | | | C35C | |
|--------------------------------|-------------------------|------------------------|------------------------|---------|
| | | | 750 | 1000 |
| TECHNICAL DATA | | | | |
| DRY AIR NOMINAL | m ³ /hour | 750 | 1000 | |
| REGENERATION AIR NOMINAL | m ³ /hour | 96 | 129 | |
| VOLTAGE/PHASES | V/Ph | 400/3ph+pe | 400/3ph+pe | |
| REGENERATION AIR HEATER | kW | 2.3 | 3.4 | |
| CONNECTED LOAD | kW | 2.9 + 1 kW duct heater | 4.3 + 1 kW duct heater | |
| EXTERNAL FUSES | A | 10 | 16 | |
| EXT. PRESSURE PROCESS AIR | Pa | 210 | 210 | |
| EXT. PRESSURE REGENERATION AIR | Pa | 300 | 300 | |
| CAPACITY AT -25°C 90%RH | kg/hour | 0.3 | 0.4 | |
| CAPACITY AT -18°C 90%RH | kg/hour | 0.6 | 0.9 | |
| DIMENSIONS AND WEIGHT | | | | |
| W | WIDTH | mm | 756 | 756 |
| L | LENGTH | mm | 532 | 532 |
| H | HEIGHT | mm | 1115 | 1115 |
| A | PROCESS AIR INLET | mm | 350x260 | 350x260 |
| B | PROCESS AIR OUTLET | mm | 350x260 | 350x260 |
| A&B | PROCESS AIR DUCT OPTION | mm | Ø250 | Ø250 |
| C | REGENERATION AIR INLET | mm | 200x200 | 200x200 |
| D | REGENERATION AIR OUTLET | mm | 200x200 | 200x200 |
| C&D | REG. AIR DUCT OPTION | mm | Ø200 | Ø200 |
| WEIGHT | kg | | 102 | 110 |