

**IDE
DUAL DISCHARGE INDUSTRIAL RANGE CEILING UNIT COOLERS**

All the IDE units may be used as either refrigerant evaporators or refrigerant condensers.

PS max allowable pressure : 21 bar abs.
 TS max allowable refrigerant temperature : 125 °C
 State of fluid contents : GAS
 Type of pressure equipment : PIPING

The reference table for the assessment of category is table n.7.

Models with external diameter connections up/equal to 35 mm are covered by art. 3 par. 3

Models with external diameter connections from 35 mm up/equal to 70 mm are covered by Category I

Model	Category
IDE15-4, IDE19-4, IDE13-7, IDE15-7, IDE10-10, IDE12-10	Article 3 Paragraph 3
IDE30-4, IDE39-4, IDE25-7, IDE31-7, IDE19-10, IDE24-10, IDE45-4, IDE58-4, IDE38-7, IDE46-7, IDE28-10, IDE36-10, IDE60-4, IDE77-4, IDE50-7, IDE64-7, IDE39-10, IDE49-10, IDE91-4, IDE115-4, IDE75-7, IDE95-7, IDE59-10, IDE74-10, IDE 121-4, IDE153-4, IDE100-7, IDE127-7, IDE78-10, IDE98-10	Category I
each model f/b option codes	

This units are for use with refrigerants non dangerous (group 2), following a list of most common refrigerants R22, R134a, R404A, R12, R502, R507, R402A, R401A, R407A, R407C, R410A, R124.

Hazards arising from misuse :

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- This units shall not be used with Ammonia R717