



## Technical Characteristics

### External Dimensions

Length: 12.000 mm

Width: 3.500 mm

Height: 3.500 m

Height/Ground: 1.460 mm

Weight: 22.000 Kg

### Internal Dimensions

Equipment Room:

Length: 11.700 mm

Width: 3.250 mm

Height: 2.500 mm

### Battery Room:

Length: 2.000 mm

Width: 2.000 mm

Height: 2.500 MM

### Load Resistance

Floor load- equipment room 1.000 Kg/mq

Floor load- equipment room 2.500 Kg/mq

Roof load

250 Kg/mq

The TK 10761 Control Cabin System is operative in Hera Lacinia (CR) Italy, within the Centrale Gas Hera Lacinia, property of Società Ionica Gas S.p.A. (ENI Group). The L.E.R. has been designed, engineered and manufactured by using proven and technologically advanced equipment, in order to ensure customer's satisfaction with guarantee of long operating life. The Control Cabin can operate in the range 0/+40°C and meet all the requirements as regards humidity, wind, altitude, fungus, moulds and salt spray; is main- tenable and repairable without difficulty. The ler, equipped with electrical connections required by the customer has been designed and built to accommodate and secure the racks of high-low voltage. The Control Cabin Room can be transported to destination by special transport truck homologated.

## Fire detection system

- ✓ The detection system will control 3 zones
- ✓ Equipment room
- ✓ Raised floor
- ✓ Battery room

## Environmental Conditions

Temperature	0° C / + 40° C
Internal temperature limit	24 ± 1° C
Humidity	3% - 110%
Wind	180 Km/h
Earthquake	UBC Zone 2
Fire	60 min



## Technical data cooling unit

Operating temperature	0° C / + 40° C
Intern airflow	6.000 Cm/h
Total cooling capacity	18 kW
Heating capacity	8 kW
Refrigerant	R134a
Control panel	Remote
Condenser and evaporator	Double circuits
Compressor type	Copeland scroll

## Technical data pressurization unit

Operating temperature	0° C / + 40° C
Internal pressure	+ 50° C min Pa
Power supply	V/Hz - ECU Integrated
Max running current	A - ECU integrated
Maxpower consumption	kW - ECU integrated





## The system consists of

- No.03 - Optical smoke detectors with double alarm led EN54.7 certified located under the false floor.
- No.03 - Optical smoke detectors with double alarm led EN54.7 certified located into the equipment room ceiling.
- No.03 - Flame detectors with double alarm led EN54.7 certified located into the equipment room ceiling.
- No.03 - Gas detector (IR type) located into the equipment room ceiling.
- No.02 - H2 gas detectors located into the battery room ceiling.
- No.02 - Internal optical/acoustical group with flickering xeno lamp.
- No.01 - IP65 pwr. by 2/24 VDc Ext. Optical/acoustical - flickering xeno lamp
- No.01 - IP65 pwr. by 12/24 VDc Junction box.