



Technical Characteristics

Dimensions

Length: 9.753 mm

Width: 3.500 mm

Height: 3.500 mm

Weight: 26.500 Kg

The CCS p/N-TK11122 is UL Certified:

CCS TK11122 is UL certified (Underwriters Laboratories Inc). UL is one of the world's leading organizations for testing and certification in the field of safety product. UL tests and certifies different materials, components and final products on their safe operation, especially regarding to potential fire damage to people and is also, the only approved agency to certify the products for USA market.

The TK 11122 Control Cabin System A1 (CCS) is operative in Tennessee gas pipeline station 114 in Catlettsburg, on Kentucky. The CCS is designed, engineered and manufactured by using proven steel structure, in order to ensure customer's satisfaction with guarantee of long operating life. The Control Cabin System is operative in the temperature range +3°C @ +45°C and it meet all the environmental requirements: humidity, wind, altitude, fungus, molds and salt spray, it is easily maintainable and repairable. The CCS is designed and manufactured to accommodate and secure the racks and the relevant electrical installations. The cabin is suitable to transport and lifting into place with all the internal accessories, cabling system, racks and equipment pre-fitted.



Environmental Conditions

Ext. temperature	- 10°C / + 45°C
Int. temperature	0 °C / + 40° C
Project temperature	+ 36°C
Storage temperature	- 15° C / + 70° C
Maximum storage time	6 months
Altitude	< 1.000 mt (OSL)
Humidity	80% - 100%
Project humidity	100%
Pollution proof	Wind, sand, marine, industrial

Painting details

Sand blasting SA2.5	---
Epoxy prime	75 µm
Intermediate paint	200 µm
Polyurethane topcoat	50 µm
Total thickness	325 µm
Colour	White - RAL 9010



HVAC System

The HVAC System is equipped by n. 3 wall mounted units. Each air unit is direct expansion type, fixed wall mounted outside the CCS building, with supply air exit from the top of the unit. Every wall system is controlled by a dedicated local panel on board indoor unit, with temperature probe included. The HVAC units is suitable only safe area use. Design outdoor conditions: Up to 45°C with 35% R.H.

HVAC Units – Technical data

Brand	BARD
Model	W60A2 – C09
Controller	REC40
Refrigerant gas	R134A
Compressor	n.1 - Scroll type
Supply fan	n.2 - Centrifugal type
Material	Galvanized steel
Filter	n.1 - Pleated type (C3 class
Heating power	5kW
Alarm included	Dirty filter, Temperature loss flow, humidity, condensing

Electrical system

Main switch	C.B.3ph - 120A
AC Unit #1	C.B.3ph -- 16A
AC Unit #2	C.B.3ph -- 16A
AC Unit #3	C.B.3ph -- 16A
EX Lighting system	C.B.3ph -- 10A
Sockets	C.B.3ph -- 16A
Spare	10A

Control Cabin System UL Certified (CCS) - P/N-TK11122

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