

SPLIT SYSTEM air conditioning

DESCRIPTION

- The unit is made up of two parts: the first consists of the condensation unit and the second consists of the evaporator . It can be placed into a closed chamber, which simulates a room that is to be air conditioned.
- The components are of industrial quality.
- The instruments found on the unit allow for the measurement and the adjustment of various parameters.
- The unit is delivered complete with instrumentation and with a technical and instruction manual.



SUGGESTED APPLICATIONS

Study of a SPLIT SYSTEM air conditioning system.
Functioning of a refrigeration system
Function of the different elements
Thermal results.

INSTRUMENTATION

- 2 pressure measurements on the High Pressure and Low Pressure refrigeration circuit
- Refrigerating fluid (R410) flowrate
- Temperature of the characteristic points of the refrigeration circuit and of the secondary fluid (air)
- Voltmeter and ammeter on the electric circuit of the compressor which allows the computation of the power used.

UTILITIES

230 Vac – single phase – 6 A

DIMENSIONS

Length	:	2155 mm
Width	:	800 mm
Height	:	1800 mm
Weight	:	180Kg