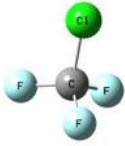


FREON PENTANE RECOVERY PLANT



In the disposal of refrigerators, there is the need to aspirate the gases contained in them in absolute safety and avoiding losses to the environment. For more than fifteen years S.VE.D.A. provides automated plants capable to **completely remove the Freon from refrigerators** producing a high vacuum. The oil sucked together with the Freon is separated by an appropriate device and it is stored in a dedicated tank while the Freon is condensed and accumulated in the bottle. The Freon still contained in the recovered oil is also extracted so as to obtain pure oil.

All vents and the air polluted by Freon are sent to an activated carbon filter that allows to hold the Freon and to discharge clean air. In this way, the system guarantees **the absolute absence of gas leakage, harmful to**

the environment, in the atmosphere. Moreover inside the bottles it is only loaded air-free liquid Freon.

The plant is supplied key in hand, complete with safety and control instrumentation, controlled by an electrical panel that provides maximum ease of operator / machine dialogue. Depending on the circumstances and needs, it can be provided the

condenser cooling solution using well water / tap water or using a cooling unit.



ADVANTAGES OF S.VE.D.A. TECHNOLOGY :

- Absence of emissions into the atmosphere
- Recovery of air-free liquid Freon and recovery of Freon-free pure oil
- Recovery efficiency between 99 and 99.9%
- Operational simplicity and low system management costs
- Possibility of remote assistance of the plant



Technical features :

- Capacity from 5 to 120 Refrigerators/h, according to the needs
- Recoverable Freon type R12, R22, R134a, R404a, R407c, R410a, R502, R507, etc.

Services offered by S.VE.D.A. :

- Training sessions for staff for the proper use of the system
- Remote assistance and remote monitoring system

