

Refrigerant Transfer Pumps

RTPSS(-HC)

Automatic RTP Stopping System

RTPSS

Monitoring is done by controlling electrical signals from pneumatic limit switches and liquid sensors that close appropriate electrical contacts on the electronic control unit. Thanks to it and its control logic, the system provides a light and acoustic alarm signal when the tank from which it is being extracted is exhausted.

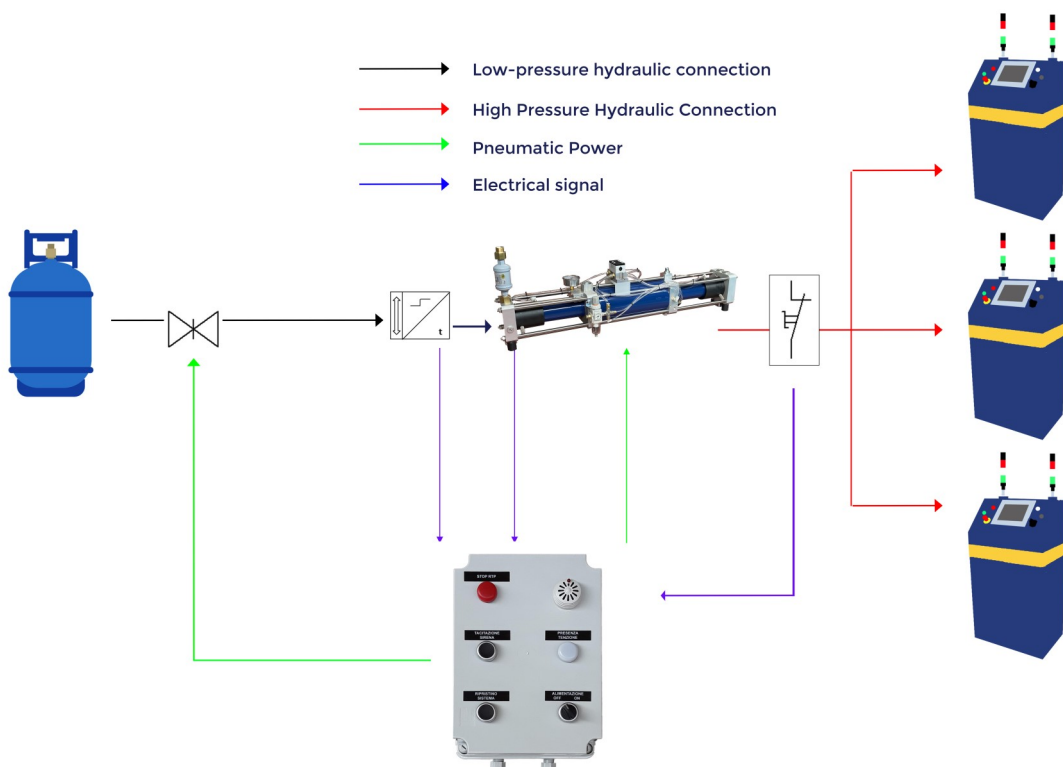
Contextually, the system provides to the control of appropriate electropneumatic valves by automatic disconnection procedure from the empty tank and relevant inhibits of refrigerant transfer Pump (RTP).

Thus, the system will:

- Stop the RTP from extracting the refrigerant from the tank by
- Provide acoustic and luminous signal to warn the operator that the tank is empty or is not properly connected to the RTP extraction line (e.g. the manual cylinder valve is closed)



Automatic RTP Stopping System



RTPTCS (-HC)

Automatic Tank Changing System

RTPTCS

Monitoring is done by controlling electrical signals from pneumatic limit switches and liquid sensors that close appropriate electrical contacts on the electronic control unit. Thanks to it and its control logic, the system provides a light and acoustic alarm signal when the tank from which it is being extracted is exhausted. Contextually, the system provides to the control of appropriate electropneumatic valves by automatic disconnection procedure from the empty tank and the connection to the full tank with the suction manifold of the Refrigerant Transfer Pump (RTP).

Thus, the system will:

- switch the refrigerant transfer pump suction to the full tank by closing the pneumatic valve of the empty tank and opening the pneumatic valve of the spare tank
- provide indications of the status of the tanks and the operations to be done to resume refrigerant transfer functions to inhibit the RTP if both tanks are empty



Automatic Tank Charging System

