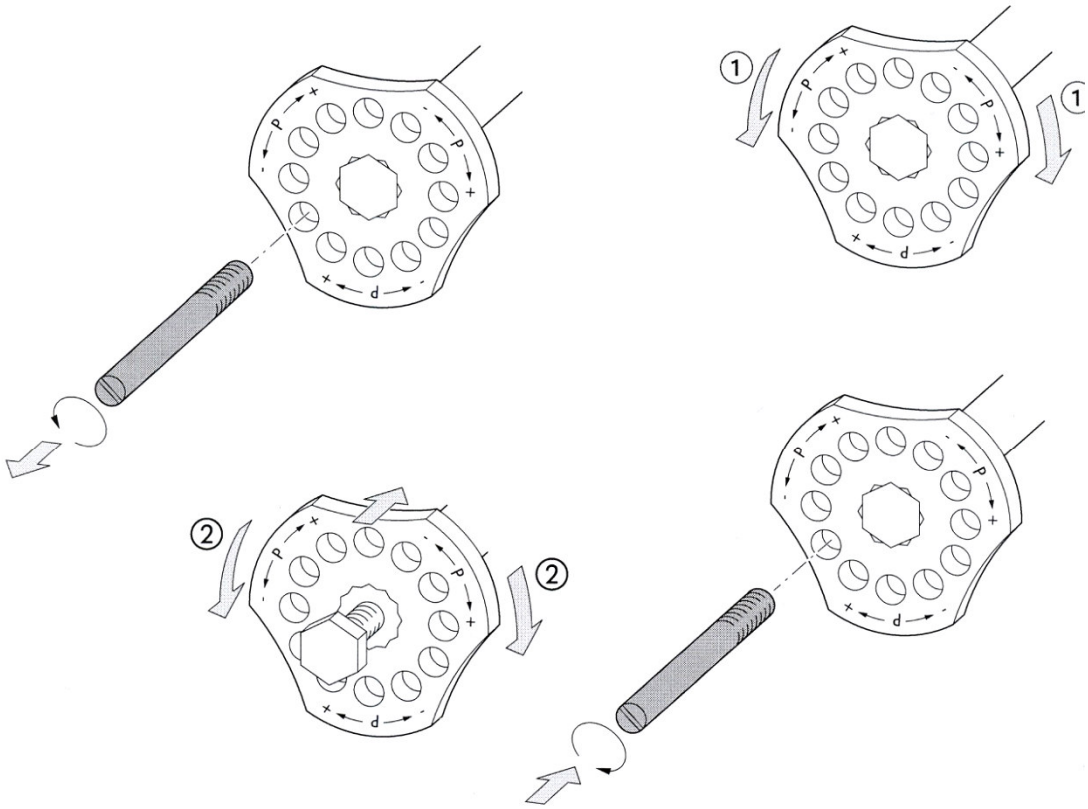
Appendix ADS
End Pressure Switch

Schaltdruck nur unter Druck verändern!
Adjust switching pressure only under pressure!
Modification de la pression de fonctionnement uniquement sous pression !
Modificare la pressione di funzionamento solo sotto pressione!
¡Modificar la presión únicamente bajo presión!
Настройку давления включения производить только под давлением!
必须在受压的情况下改变压力



① Pmax. einstellen
Pmin. ändert sich mit

② Pmin. einstellen
Pmax. ändert sich nicht mit

① Set Pmax.
Pmin. is altered accordingly

② Set Pmin.
Pmax. does not alter

① Régler Pmax.
Pmin. se modifie

② Régler Pmin.
Pmax. ne se modifie pas

① Pmax.
Pmin.

② Pmin.
Pmax.

① Regolare Pmax.
Pmin. si modifica

② Regolare Pmin.
Pmax. non si modifica

① Ajustar Pmax.
Pmin. se modifica

② Ajustar Pmin.
Pmax. non se modifica

① Установить Pmax Pmin
изменяется также

② Установить Pmin Pmax не
изменяется

① 调整
改变按

② 调整
改变 不按

Appendix KT
Operating instructions for the refrigerant drier

Content

In this chapter you receive a brief overview for the optionally installed refrigerant drier.

Please follow the refrigerant drier safety instructions found in the separate operating manual. It is particularly dangerous to breath-in the cooling steam or get in contact with the cooling agents. Smoking when working on the refrigerant drier is prohibited, since the cooling agent will developpoisonous vapours when getting in touch with the glowing end of a cigarette or other open flame (e.g. welding work).

Function

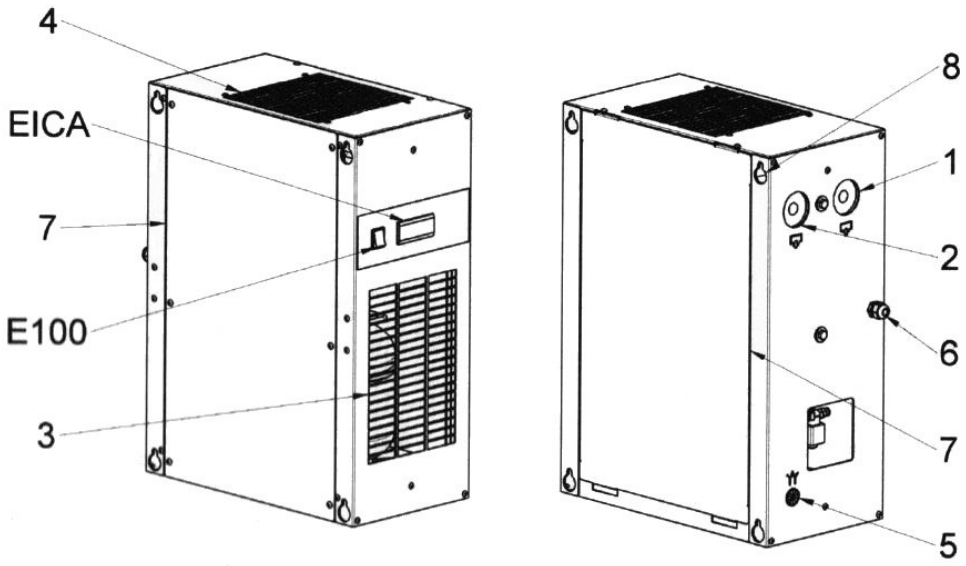
The refrigerant air drier contains a cooling system for cooling the compressed air. The compressed air is also de-humidified. The condensate created here is discharged through a condensate separator.

Make sure that the air inlet and outlet is never impaired or blocked. Adequate distance must be maintained between the ventilation grids and room walls.
Please follow the figure in Chapter 2.3 and the information in Chapter 2.3.1 of the Operating Manual of the refrigerant drier supplier.

After turning on the refrigerant drier, wait 5 minutes until the pressure has equalised. Only then, start the compressor.

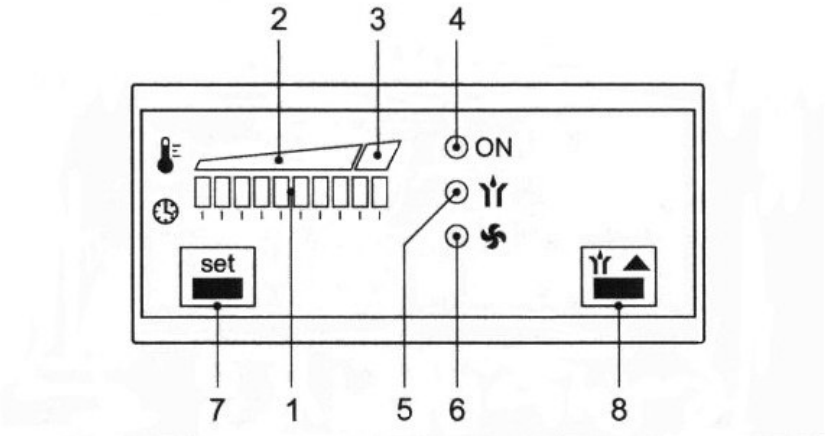
Appendix KT refrigerant drier (cont.)

Figure
Refrigerant drier



1.) Compressed air inlet
2.) Compressed air outlet
3.) Cooling air inlet
4.) Cooling air outlet
5.) Steam trap
6.) Electrical connections
7.) Maintenance access
8.) Fixing holes
E100.) Switch-on
EICA.) Electronic regulator

Figure
control panel



Appendix KT refrigerant drier (cont.)

Electronic Regulator

Item	Description	Function
1	**10x green LED**	Pressure dew point indicator
2	**Green area**	Pressure dew point normal
3	**Red area**	Pressure dew point is too high
4	**Green LED**	Compressed air drier is turned on In the setting mode the blinking LED shows which data will be displayed
5	**Yellow LED**	Condensate magnetic valve is active
6	**Yellow LED**	Ventilator is turned on
7	**Setting switch**	Multi-function key for editing the parameter. **Press the button for 2 seconds:** Switch from display to setting mode **Briefly press the button:** Switch between menues **Press button together with up key:** Current setting is changed
8	**Up key**	Up / deflector test Pressing the up key will exit the setting mode

Appendix KT refrigerant drier (cont.)

Maintenance

Before completing any maintenance work, please follow all safety provisions for electrical systems and electrical devices (see Chapter 1 of the original operating manual).

The compressed air refrigerant drier must be mainained at different intervals. The maintenance intervals heavily depend on the utilisation type and the conditions oft he installation site. The following maintenance work must be completed daily:

1. Check the function of the steam trap; check if water is drained; valve test (manual drain condensation):

2. Check the pressure dew point display; for deviations from the normal range, see chapter 5.2.2 and 5.2.3 in the original operating manual

3. Check the compressor for contamination

Specific notes about other maintenance intervals and work can be found in the manufacturer original operating manual under Point 5 Maintenance.

Appendix AD
Compressed air receiver

Illustration: air receiver

Description of air receiver

No.	Description	Function
1	**Connection from compressor**	Inlet of compressed air into the air receiver
2	**Safety valve**	Protects the air receiver against too high a pressure
3	**Compressed air outlet**	Outlet of compressed air to the c.a. system
4	**Condensate drain**	Drains the condensate for collection

- Please observe the regional laws and regulations for the control of air receivers and notice the periodic inspections
- Please take care for a condensate drain system
- Please take the necessary mesures as to discharge the condensate if no automatic system

Caution!
To grant the functionality of the air receivers, all flexible hoses of the receivers have to be changed after 2 years at the latest. This affects especially the 2 x 90l air receivers. Both receivers have to be able to be discharged separately.
The number of load changes in the air receiver should not be too high. Therefore, the compressor is not disconnected from the mains and do not let the pressure in the receiver fall too low. (purchase quantity < delivery quantity)