

- Legend**
- 1 Screw compressor
  - 2 Hose line
  - 3 Cyclone separator
  - 4 Ball valve
  - 5 Air receiver
  - 6 Refrigeration dryer w. bypass
  - 7 Microfilter combination
  - 8 Oil- water separator
  - 9 Autom. condensate drain
  - 10 Air main charging system
  - 11 Air receiver
- \* Bypass lines should not be fitted on standby units or when 100 % compressed air quality is required.
- The requirements of items 3,5 and 11 should be chosen according to operating conditions.

Unit model	Compressed air connection	Air entrance aperture m <sup>2</sup> free cross section per unit	Incoming air volume m <sup>3</sup> /h per unit	Exhaust vent-hilator thrust 100 Pa designed for m <sup>3</sup> /h per unit	Centrifugal separator model	Compressed air connection	Eco-Drain	Air receiver capacity (l)	Eco-Drain	Refrigeration dryer model	Compressed air connection	Air entrance aperture m <sup>2</sup> free cross section per dryer	Incoming air volume m <sup>3</sup> /h per dryer	Micro-filter-combination model	Compressed air connection	Oil-water separator
BSD 62	DN 40	0,8	7000	10.000	ZK 04	DN 40	13	2000	13	TD 61	DN 40	0,45	2900	FFG 71 D	DN 40	Aquamat 6
BSD 72	DN 40	0,8	7000	13.000	ZK 04	DN 40	13	2000	13	TD 76	DN 50	0,45	2900	FFG 71 D	DN 40	Aquamat 6

Designed for reference terms  
DIN/ISO 7183 Option A

Contained in the drawing are components to be installed by the user.  
The provisions of DIN 9132 (UVV 1992) and DIN 9134 (UVV 1992) must be observed. We refer especially to para. 13-19 (UVV accident prevention regulations).  
National safety and accident prevention regulations must be observed.

**KAESER**  
KOMPRESSOREN

Name: Installation proposal  
BSD compressor space  
recommended installation

Scale: 1:1  
Date: 2001  
Date: 17.04.  
Name: Teubl

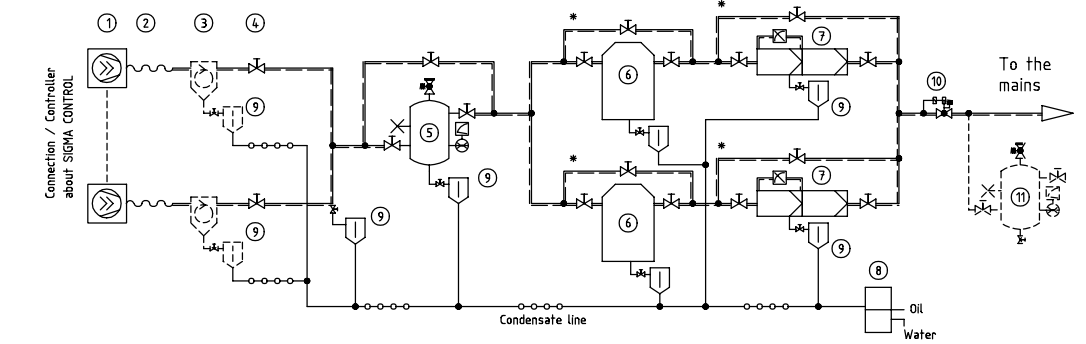
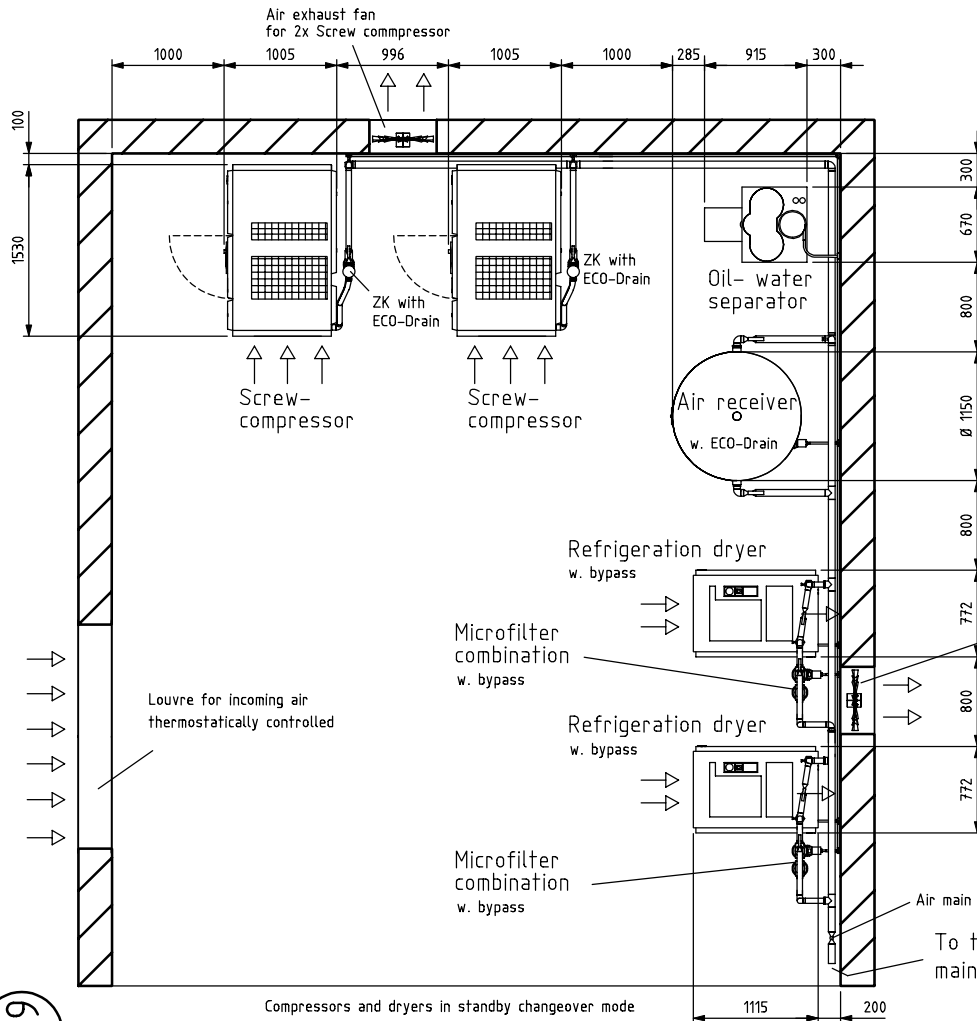
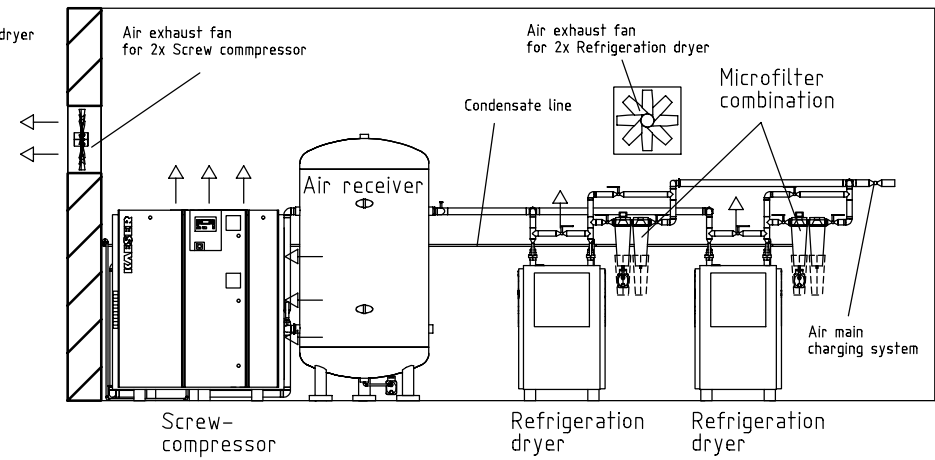
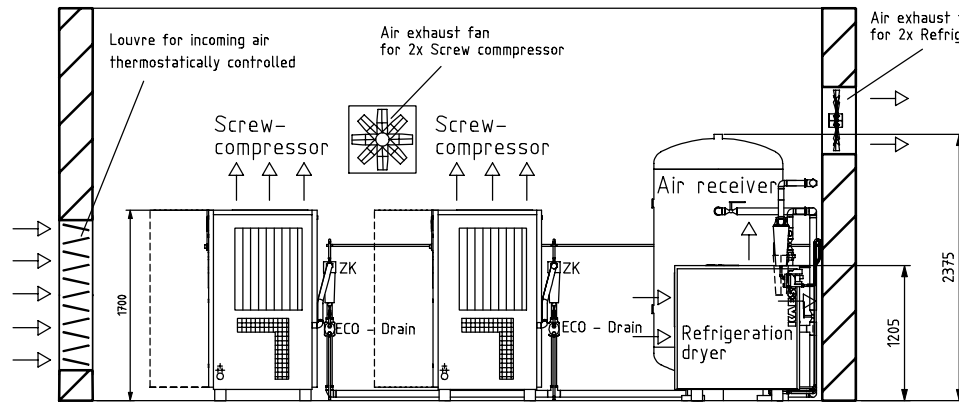
Plan No.: MU04600e  
Page 1 of 1

Safety codes on site have to be paid attention to.

Ambient temperature  
min.: + 3° C  
max.: + 40° C

6.5

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\* Bypass lines should not be fitted on standby units or when 100 % compressed air quality is required

The requirements of items 3,5 and 11 should be chosen according to operating conditions.

Unit model	Compressed air connection	Air entrance aperture m <sup>2</sup> free cross section per unit	Incoming air volume m <sup>3</sup> /h per unit	Exhaust ventilator thrust 100 Pa designed for m <sup>3</sup> /h per unit	Centrifugal separator model	Compressed air connection	Eco-Drain	Air receiver capacity (l)	Eco-Drain	Refrigeration dryer model	Compressed air connection	Air entrance aperture m <sup>2</sup> free cross section per dryer	Incoming air volume m <sup>3</sup> /h per dryer	Micro-filter combination model	Compressed air connection	Oil-water separator
BSD 62	DN 40	0,8	7000	10.000	ZK 04	DN 40	13	2000	13	TD 61	DN 40	0,45	2900	FFG 71 D	DN 40	Aquamaf 6
BSD 72	DN 40	0,8	7000	13.000	ZK 04	DN 40	13	2000	13	TD 76	DN 50	0,45	2900	FFG 71 D	DN 40	Aquamaf 6

\*\*\* Designed for reference terms  
DIN/ISO 7183 Option A

Contained in the drawing are components to be installed by the user.  
The provisions of EN 12171 V18:16 / 13.1 compressor from 10.01.2017 must be observed. We refer especially to para. 13-17 UVV (safety regulations).  
National safety and accident prevention regulations must be observed.

**KAESER** P + I Scale Date Name  
KOMPRESSOREN 00 : 2001 Date Name  
Drawn 11.04. 2001  
Proved  
Name Installation proposal  
BSD - Compressor space  
recommended installation  
Plan No. MU04500e  
Page 1 of 1

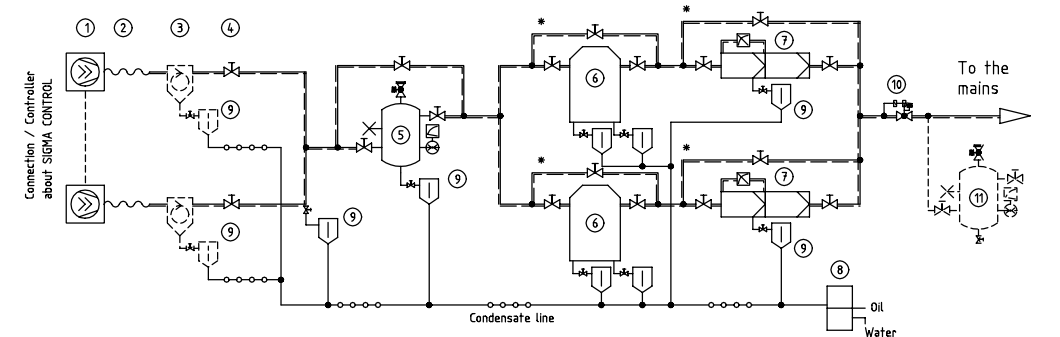
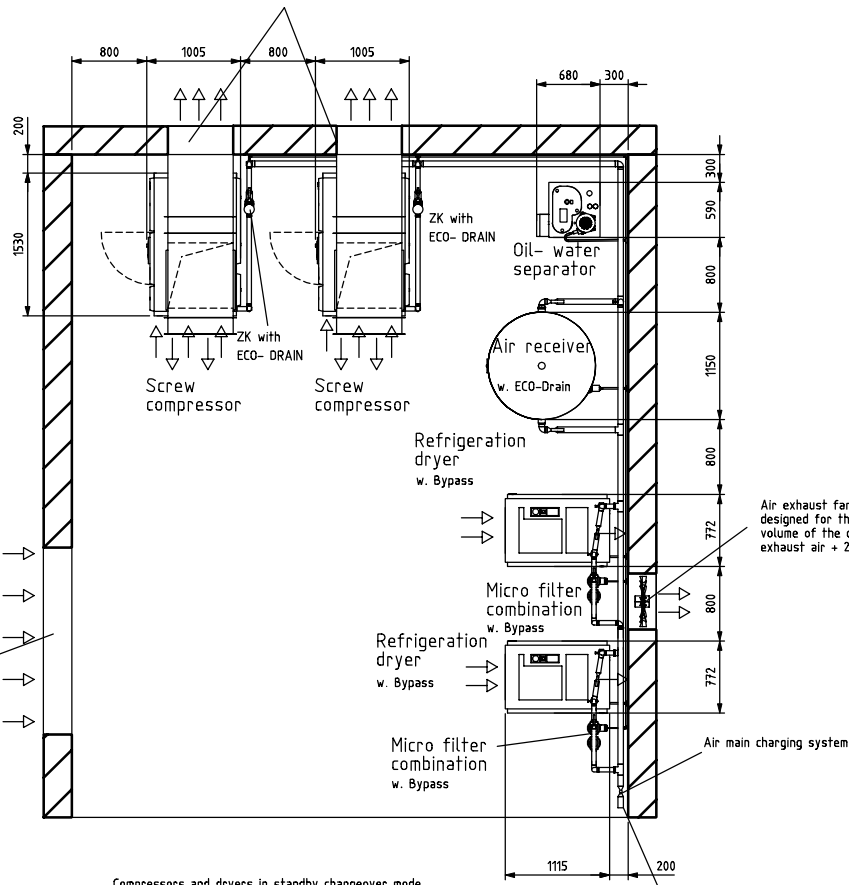
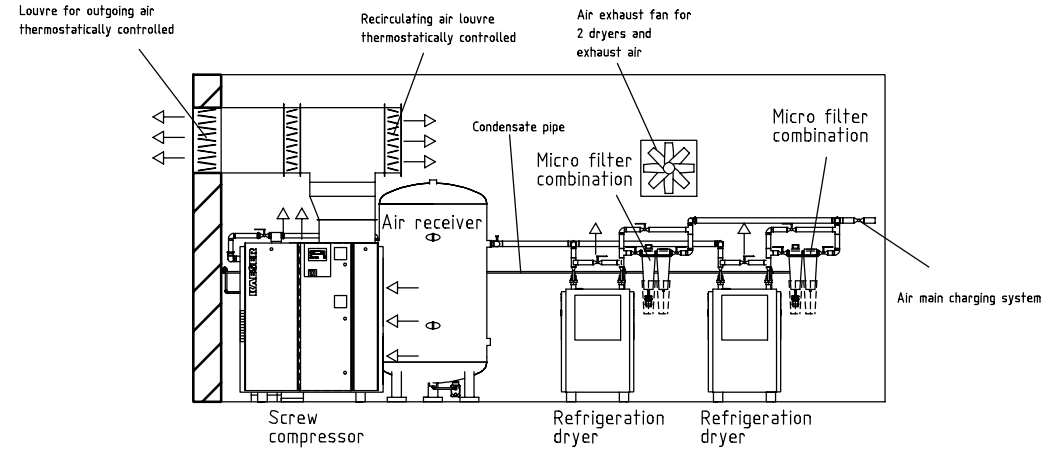
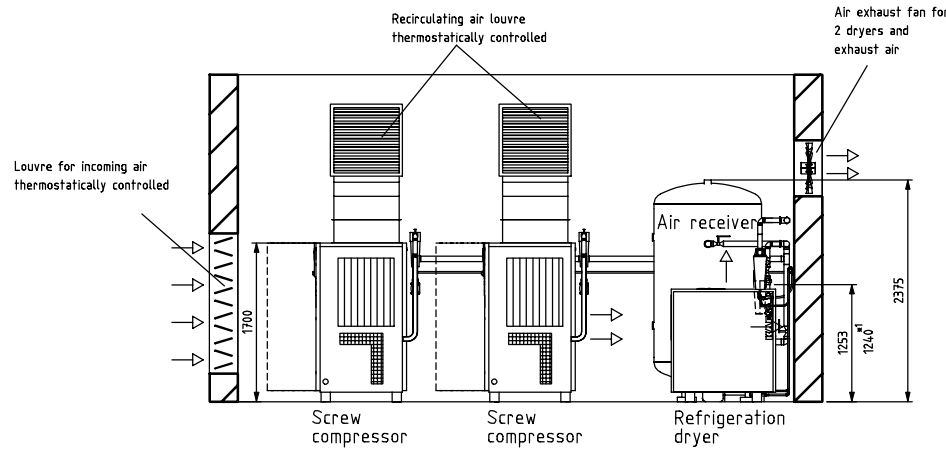
Safety codes on site have to be paid attention to.

Ambient temperature min.: + 3° C max.: + 40° C

6.6

Compressors and dryers in standby changeover mode

We reserve the right to make changes in the course of development. This drawing can only be modified with CAD



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\* Bypass lines should not be fitted on standby units or when 100 % compressed air quality is required

The requirements of items 3,5 and 11 should be chosen according to operating conditions.

Unit model	Compressed air connection	Air entrance aperture m <sup>2</sup> free cross section per unit	Incoming air volume m <sup>3</sup> /h per unit	Warmable up air m <sup>3</sup> /h per unit	Exhaust air m <sup>3</sup> /h per unit	Exhaust ducting (L x B) (mm)	Central-fugal separator model	Compressed air connection	Eco-Drain	Air receiver capacity (L)	Eco-Drain	Refrigeration dryer model	Compressed air connection	Air entrance aperture m <sup>2</sup> free cross section per dryer	Incoming air volume m <sup>3</sup> /h per dryer	Micro-filter combination	Compressed air connection	Oil-water separator
BSD 62	DN 40	0.7	6,700	5,700	1,000	700 x 700	ZK 04	DN 40	13	2,000	13	TD 61	DN 40	0.5	2,900	FFG 71 D	DN 40	Aquamaf SR
BSD 72	DN 40	0.8	6,700	5,700	1,000	700 x 700	ZK 04	DN 40	13	2,000	13	TD 76	DN 50	0.5	2,900	FFG 71 D	DN 40	Aquamaf SR

Permissible overall pressure loss for exhaust duct BSD 62  
Δp = 60 Pa

Permissible overall pressure loss for exhaust duct BSD 72  
Δp = 60 Pa

Ambient temperature  
min.: + 3° C  
max.: + 40° C

Safety codes on site have to be paid attention to.  
\*1 Dimensions for the dryer model TD 61

Designed for reference terms  
DIN/ISO 7183 Option A

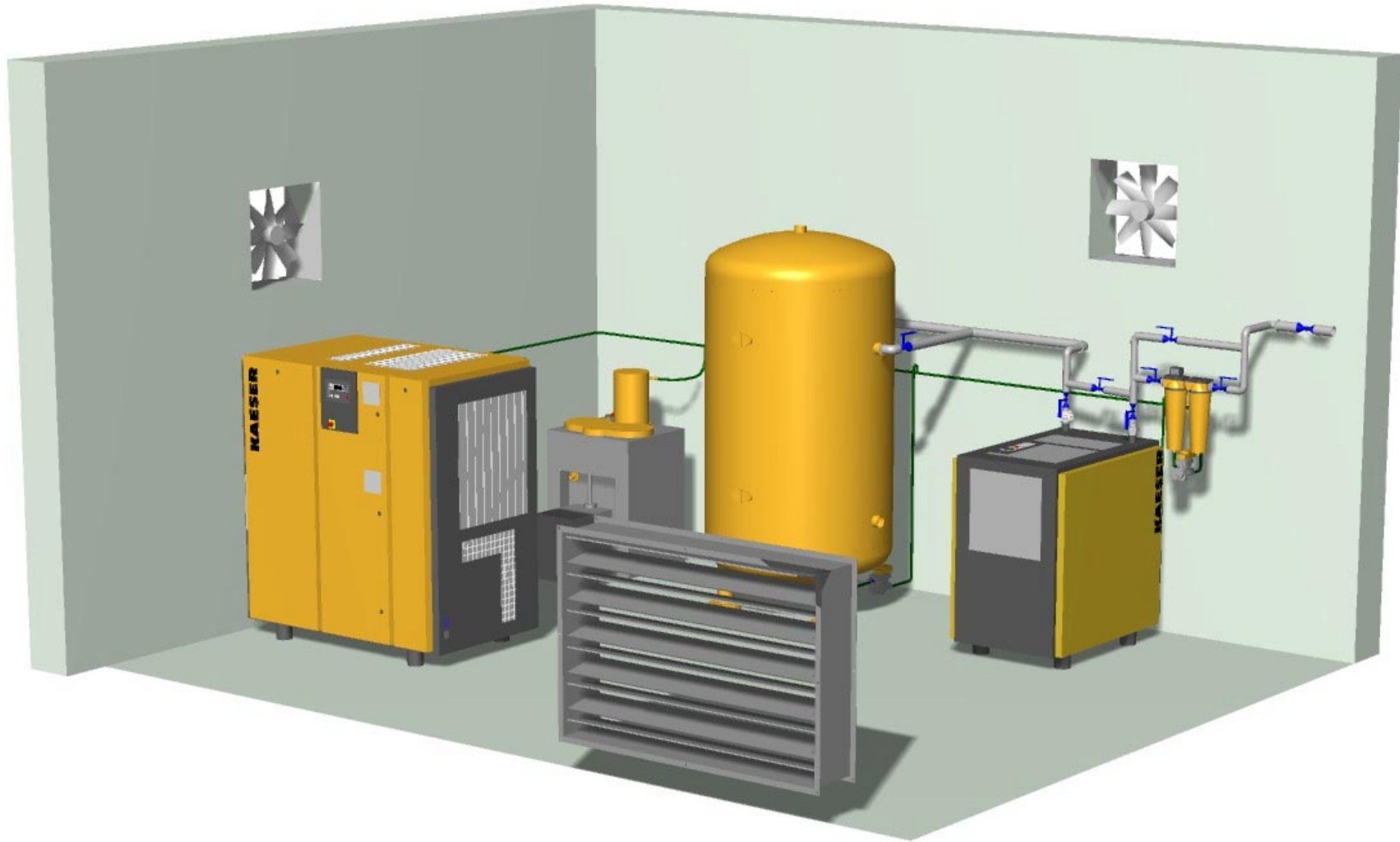
Contained in the drawing are components to be installed by the user.  
The provisions of EN 1219 (DIN 16 17 / 13), compressor from 30.01.1997, must be observed. We refer especially to para. 19-17 (VAV accident prevention regulation).  
National safety and accident prevention regulations must be observed.

**KAESER** KOMPRESSOREN

Scale	2002	Date	21.08.	Name	Langguth
Drawn	DD	Proved	DD	Plan No.	MU04900e

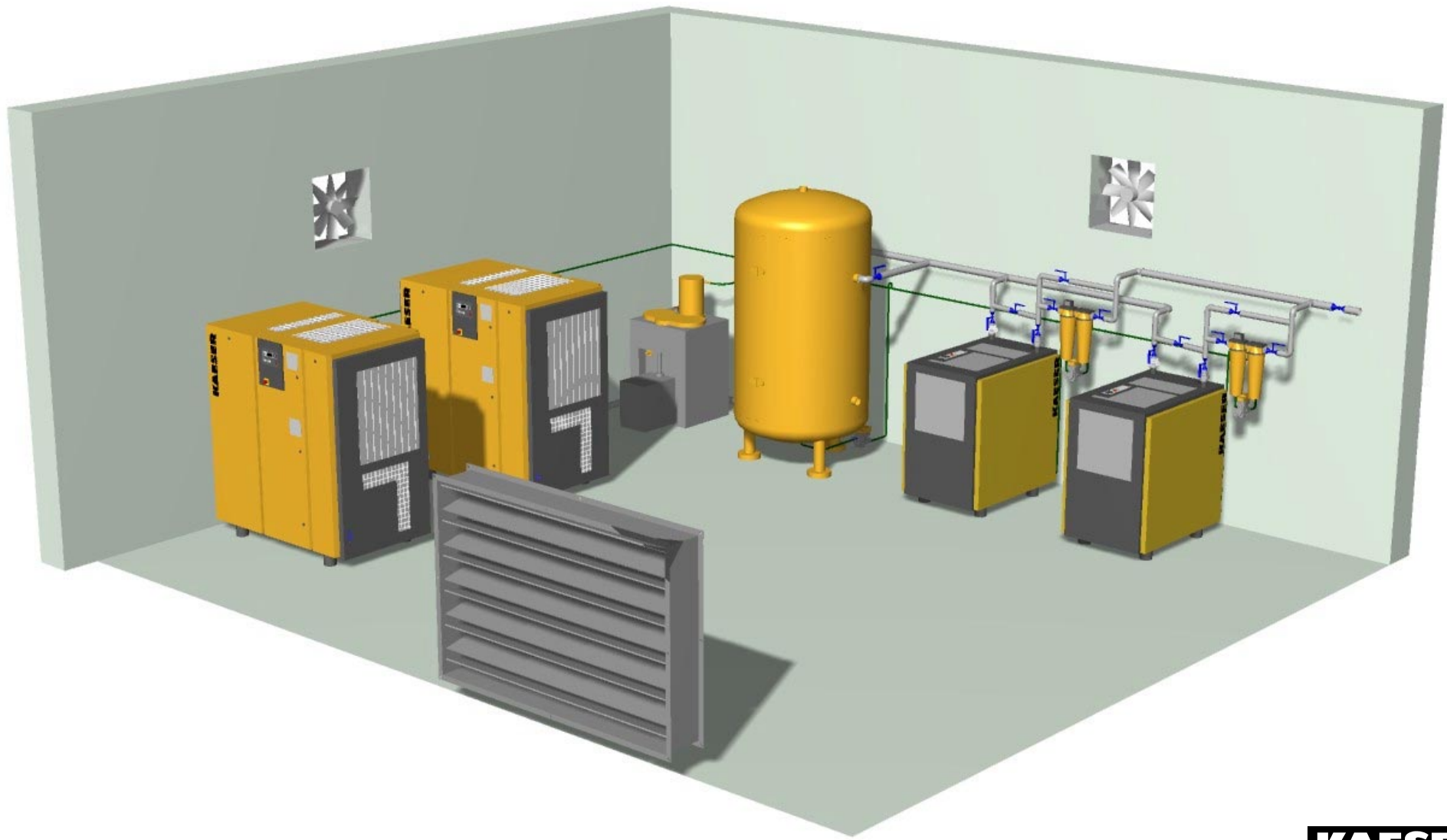
Page 01 of 01

6.7.



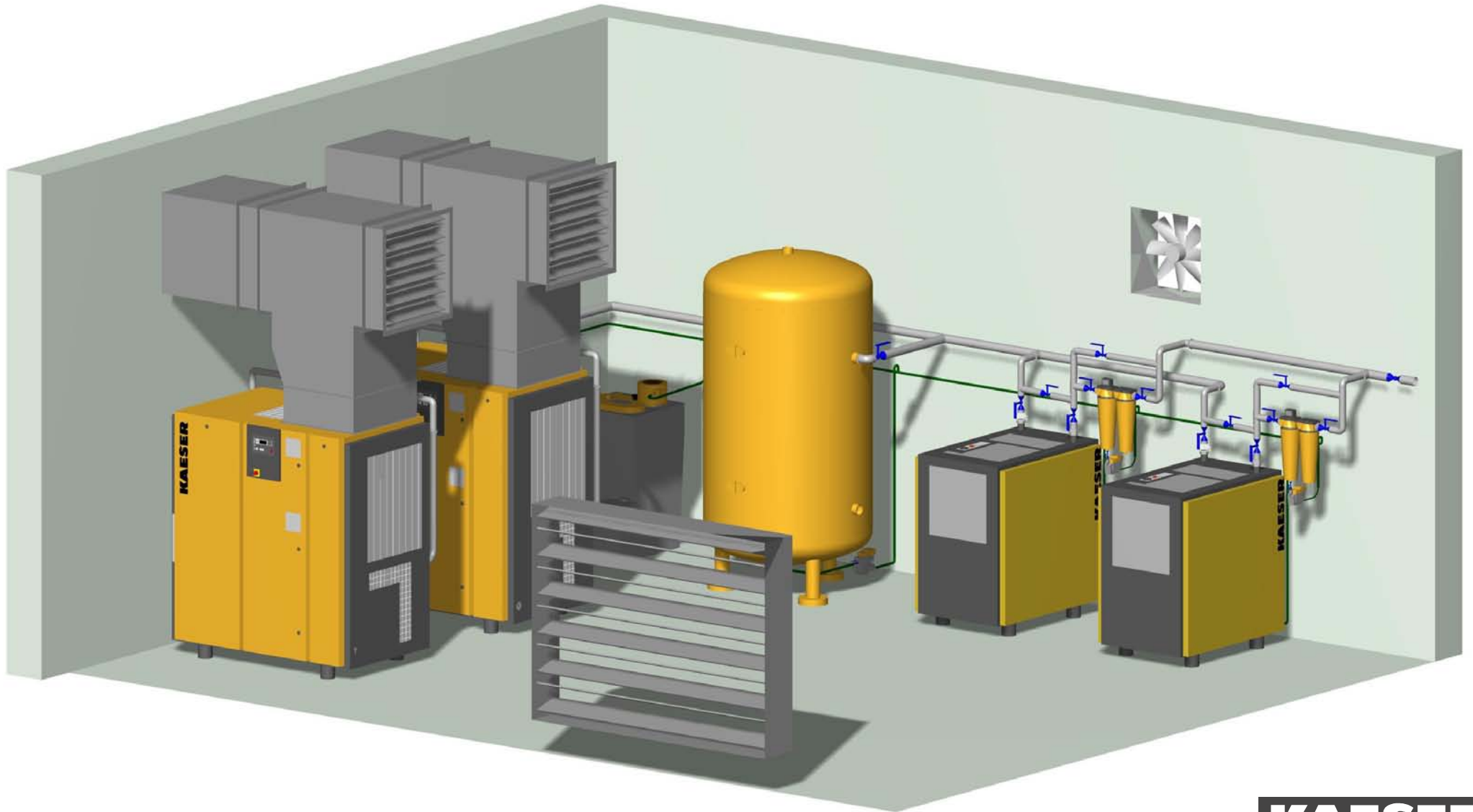
**KAESER**  
KOMPRESSOREN

MU004600



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KOMPRESSOREN

MU004500



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**MU04900**