

- 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 of free cross section per unit	Incoming air volume in m <sup>3</sup> /h per unit	Exhaust ducting v x d (mm)	Centrifugal separator model	Compressed air connection	Eco-Drain	Air receiver capacity (l)	Eco-Drain	Refrigeration dryer model	Compressed air connection	Air entrance aperture of free cross section per unit	Incoming air volume in m <sup>3</sup> /h per unit	Micro-filter combination model	Compressed air connection	Oil-water separator
ASD 32	DN 32	0,5	3000	650 x 650	ZK 03	DN 32	12	1000	12	TC 31	DN 32	0,3	1900	FFG 40 D	DN 25	Aquamat 4
ASD 37	DN 32	0,5	3000	650 x 650	ZK 03	DN 32	12	1000	12	TC 36	DN 32	0,3	1900	FFG 40 D	DN 25	Aquamat 4
ASD 47	DN 32	0,6	4500	650 x 650	ZK 03	DN 32	12	1500	12	TC 44	DN 32	0,3	1900	FFG 40 D	DN 25	Aquamat SR
ASD 57	DN 32	0,7	5400	650 x 650	ZK 03	DN 32	12	2000	12	TD 51	DN 40	0,45	3300	FFG 71 D	DN 40	Aquamat SR

Permissible overall pressure loss for exhaust duct ASD 32 - 47  $\Delta p = 60$  Pa

Permissible overall pressure loss for exhaust duct ASD 57  $\Delta p = 40$  Pa

Designed for reference terms  
DIN/ISO 7183 Option A

- #1 Dimensions for the dryer model TC 31/36
- #2 Dimensions for the dryer model TC 44
- #3 Dimensions for the dryer model TD 51
- #4 Dimensions for the oil-water separator AQUAMAT 4
- #5 Dimensions for Air receiver 1500l
- #6 Dimensions for Air receiver 1000l
- #7 Dimensions for Air receiver 2000l

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

Contained in the drawing are components to be installed by the user. The purchaser is to read the user manual and observe the safety instructions. Without further notice, the manufacturer is not liable for any damage.

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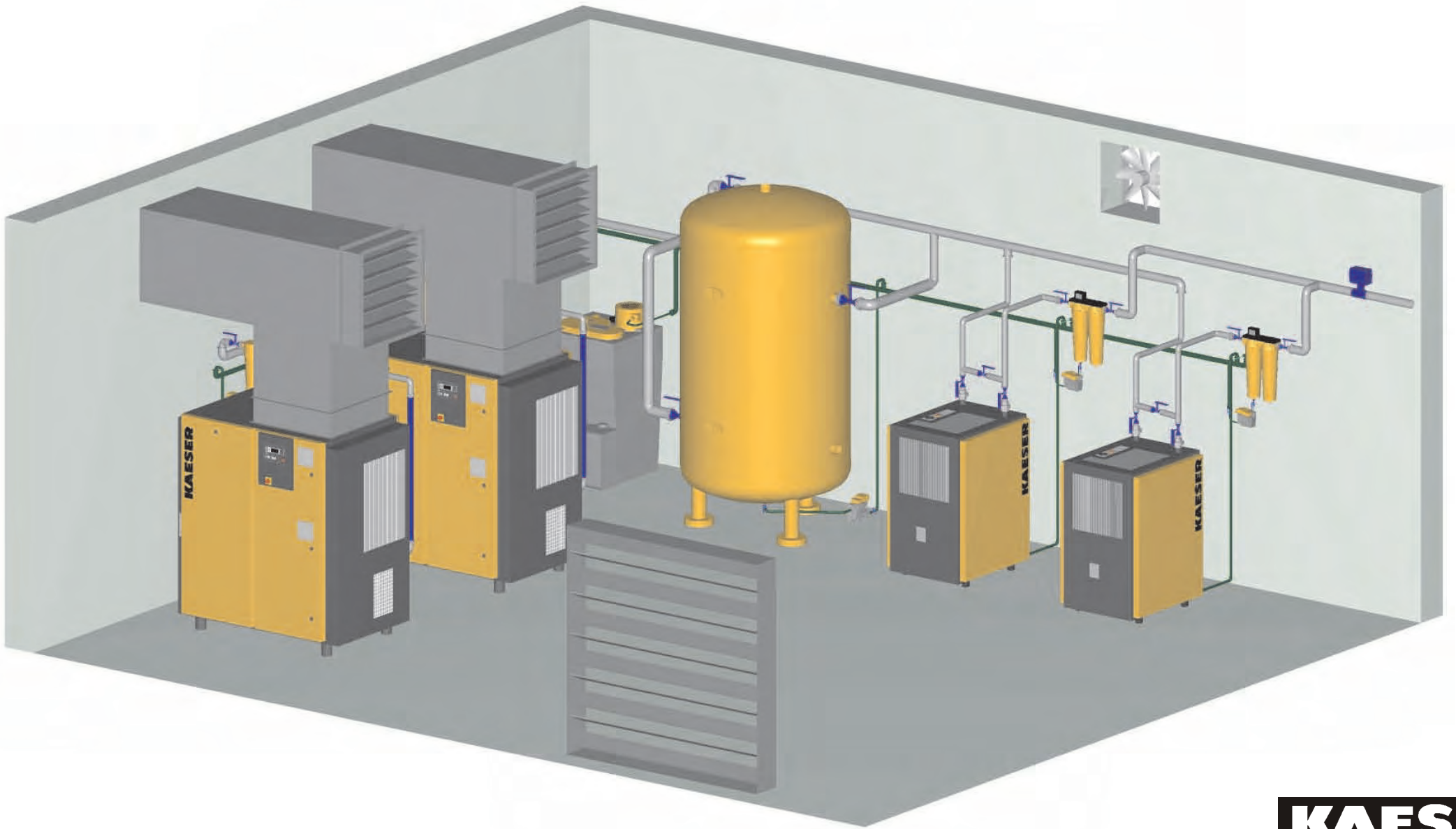
Installation proposal  
ASD compressor space  
Air exhaust with Exhaust ducting

2003  
Date: 10.09.  
Lanzgatt

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**MU05300e**

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Safety codes on site have to be paid attention to.



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