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Sample layout sketch // 40° C

Technical data see page 2

Plan No. LYMU0007201e

we reserve the right to make changes in the course of development. This drawing can only be modified with CAD.
This drawing also contains work to be done on site. The regulations of EN 1012 and national regulations for setting up of power installations like VDE 0180 have to be observed, the requirements of existing operational safety ordnance and the manuals have to be considered by the operator and the employer respectively at the place of installation. The national safety and accident prevention regulations have to be observed. The installation of a sub-assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

### Design limits for ambient temperature

- min.: +3° C
- max.: +40° C

The dimensions of the pressure equipment directive 2014/68/EU have to be observed.

The installation of a sub-assembly in terms of the pressure equipment directive 2014/68/EU has to be carried out according to this directive.

### Condensate lines have to be connected to a collecting line via swan neck or to be fed to the condensate treatment system separately. A pressure-less drain has to be provided for.

### ATTNENTION

Minimum width of door is total component width + 100 mm.

### Table: Compressed air connection

| Compressor model | Working pressure | Air entrance aperture free cross section per unit | Incoming air volume per unit | Air exhaust duct dimensions (free cross section) per unit | Permissible overall pressure loss for exhaust duct per unit | Compressed air collective line (two units) | Water trap ECO-DRAN | Compressed air conection | Air entrance aperture (free cross section) per unit | Incoming air volume per unit | Exhaust air fan (thermostatically controlled) per dryer | Filter Extra | Compressed air conection ECO-DRAN | Filter Adsorption | Compressed air conection | Air receiver | Compressed air conection | Control | Compressed air conection | Condensate treatment unit AQUAMAT a) |
|------------------|------------------|--------------------------------------------|-----------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|---------------------|---------------------------|------------------------------------------------|-----------------------------|-----------------------------------------------|-----------------|-------------------------------|-----------------|-----------------------------|-----------------|---------------------------|----------------------|
| CSD 85           | 8.5              | G 2                                        | 1.2                         | 98100                                      | 0.64                                        | 80                                            | DN 80               | TE 142                    | G 2                                            | 0.4                                        | 3040                                         | F 83 KE       | G 2                                        | 31 F             | F 83 KA                     | G 2                  | 3000                       | G 2 1/2               | SAM 4.0                   | DMS 80               | DN 80                   | CF 58                 |
| CSD 80S          | 8.5              | G 2                                        | 1.4                         | 100120                                     | 0.64                                        | 80                                            | DN 80               | TE 174                    | G 2                                            | 0.8                                        | 3000                                         | F 100 KE      | G 2                                        | 31 F             | F 100 KA                    | G 2                  | 5000                       | DN 100               | SAM 4.0                   | DMS 80               | DN 80                   | CF 58                 |
| CSD 125          | 8.5              | G 2                                        | 1.8                         | 11420                                      | 0.64                                        | 60                                            | DN 80               | TF 230                    | DN 80                                           | 0.8                                        | 7800                                         | F 142 KE      | G 2                                        | 31 F             | F 142 KA                    | G 2                  | 5000                       | DN 100               | SAM 4.0                   | DMS 80               | DN 80                   | CF 75                 |

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