



Legend:

- Standard compressed air
- Dry Air plant
- Membrane plant
- Instrument Air Plant
- Dry Air from battery
- First Backup Dry Air
- Exhaust
- Piloting line from FESTO electro-pneumatic valve
- Three way Festo valve (model VZBA + acutator) (works: 1->2 normally, 3->2 fault, except specified)
- MV-manual ball valve
- PV-pneumatic valve fault open
- PV-pneumatic valve fault closed
- PI-Pressure indicator
- PT-pressure transmitter and indicator
- FM**-flow meter and flow indicator Festo (SFAM-62-3000R-M-25A-M13 +MS6-FRM-1/2-Z)
- FS**-filter section Festo (MS9-LF-G-CUM-Z +MS9-FRM-G-VS-Z +SFAM-62-3000R-M-25A-M13)
- flowmeter
- pressure transmitter
- cap end
- blind end
- screwed connection
- reduction
- rotometer
- bubbler
- filter
- filter separator
- pressure regulator

FM-flow meter and flow indicator Festo (SFAM-62-3000R-M-25A-M13 +MS6-FRM-1/2-Z)

FS-filter section Festo (MS9-LF-G-CUM-Z +MS9-FRM-G-VS-Z +SFAM-62-3000R-M-25A-M13)

RACKS SX5 DISTRIBUTION

FM-01	2.8 m3/h - CE-E1
	2.8 m3/h - CE-E2
	2.8 m3/h - CE-E3
	2.8 m3/h - CE-E4
	2.8 m3/h - CE-E5
	2.8 m3/h - CE-E6
	2.4 m3/h - CE-H1
	2.4 m3/h - CE-H2
	2.4 m3/h - CE-H3
	2.4 m3/h - CE-H4
	2.4 m3/h - CE-H5
	2.4 m3/h - CE-H6
	4.3 m3/h - CE-H7
	4.3 m3/h - CE-H8
	4.3 m3/h - CE-H9
	4.3 m3/h - CE-H10
	4.3 m3/h - CE-H11
	4.3 m3/h - CE-H12
	2.8 m3/h - CE-FT
	2.8 m3/h - CE-FT
	2.8 m3/h - CE-FT
	2.8 m3/h - CE-FT
FM-26	2.5 m3/h - ETL
	2.5 m3/h - ETL

FM-01	2.8 m3/h - CE-E1
	2.8 m3/h - CE-E2
	2.8 m3/h - CE-E3
	2.8 m3/h - CE-E4
	2.8 m3/h - CE-E5
	2.8 m3/h - CE-E6
	2.4 m3/h - CE-H1
	2.4 m3/h - CE-H2
	2.4 m3/h - CE-H3
	2.4 m3/h - CE-H4
	2.4 m3/h - CE-H5
	2.4 m3/h - CE-H6
	4.3 m3/h - CE-H7
	4.3 m3/h - CE-H8
	4.3 m3/h - CE-H9
	4.3 m3/h - CE-H10
	4.3 m3/h - CE-H11
	4.3 m3/h - CE-H12
	2.8 m3/h - CE-FT
	2.8 m3/h - CE-FT
	2.8 m3/h - CE-FT
	2.8 m3/h - CE-FT
FM-26	2.5 m3/h - ETL
	2.5 m3/h - ETL

DISTRIBUTION RACK SXA5 MEZZANINE

FIV-01	4 m3/h - C6F14
FIV-02	5 m3/h - ETL CO2 manifold
FIV-03	
FIV-04	5 m3/h - ETL semi-cleanroom
	5 m3/h - ETL assembly hall

FM-01	80 m3/h - Coldbox 1
FM-02	80 m3/h - Coldbox 2
FIV-1	1.2 m3/h - CE-E1
FIV-2	1.2 m3/h - CE-E2
FIV-3	2.8 m3/h - CE-E3

DISTRIBUTION RACK SXA5 CLEANROOM 1

FM-01	30 m3/h - Storage box
	Rotameters V-100 (mm scale)
FIV-1	2.8 m3/h - CE-E1
FIV-2	2.8 m3/h - CE-E2
FIV-3	2.8 m3/h - CE-E3

DISTRIBUTION RACK SXA5 CLEANROOM 2 - FABLAB

P5 Surface dry gas distribution Phase-2 upgrade		
DESIGNED BY	P. Mann	18-04-2023
CONTROLLED		
RELEASED		
APPROVED		
EDMS		

SIZE	IND
A1	