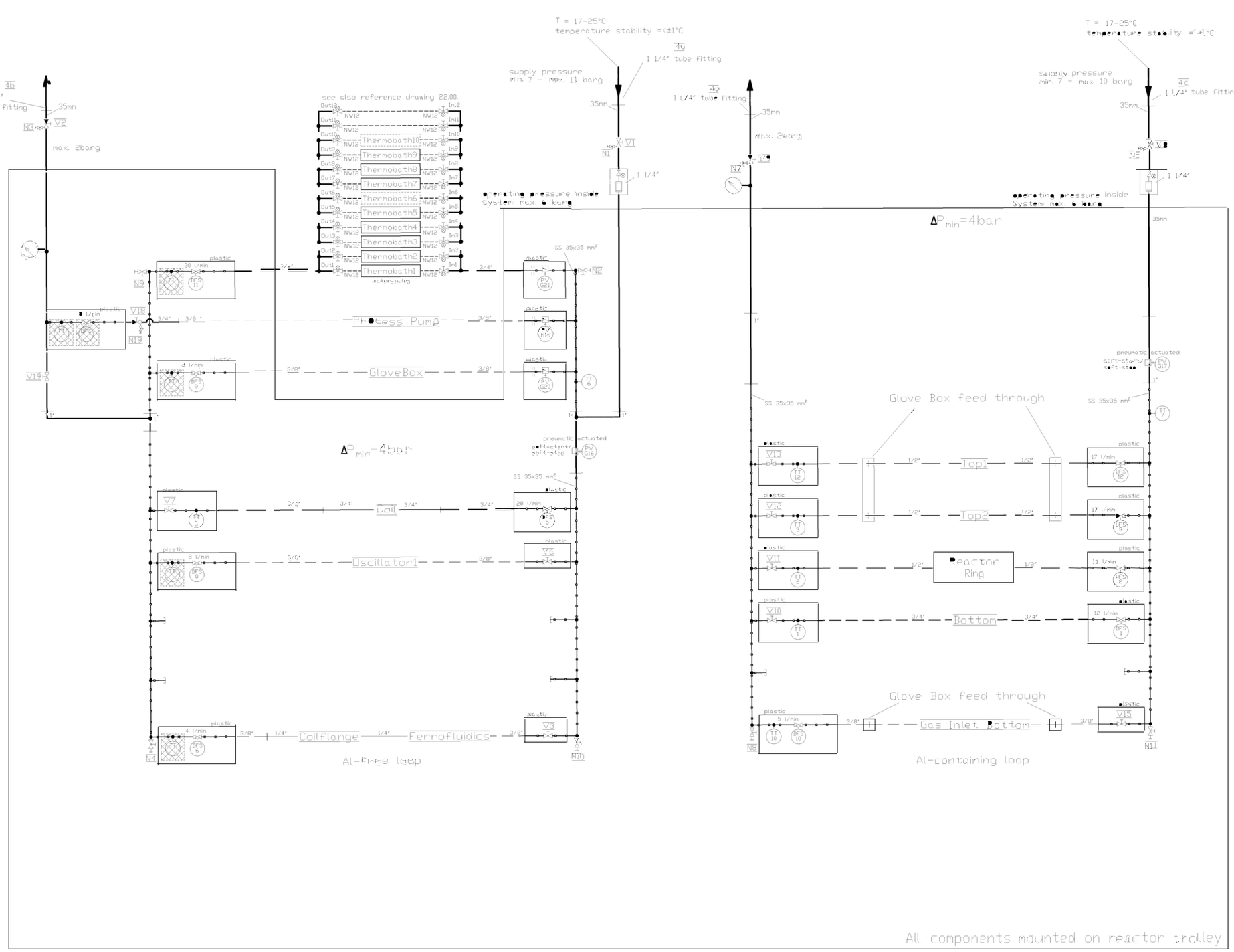

tube
- 1/4"
- 35mm
- 1" (28mm)
- 3/4" (22mm)
- 1/2" (15mm)
- SS 35x35mm²

hoses
- 3/4"/NW 19
- 1/2"/NW 12
- 3/8"/NW 10
- 1/4"/NW 6

Vessel Valve
with Quick Release
and Drip Off
Manual Valve
with Drain Off
Manual Valve
Non Disassembly
Type Check Valve
Manual Valve
Manual Ball Valve
Drain Off
Manual Valve
Snap Valve

Water filter with
pressure compensating
and equalizing system
Dew Point
Flowmeter with Limit Switch,
with Inner Diameter 4mm
Variable
Normal Flow 2l/min
2/2 Way Valve no
2/2 Way Valve nc
Flow restrictor

Pressure Indicator
Temperature
transmitter/transducer
Electromagnetic
Pneumatic Valve
Temperature Indicator

Plastic
Functionality and
Internal Diameter 8 mm
Manual Valve
Drain Valve
Spare Connection
Interface
"Spare"
"Space"

Cooling flow requirements:
Max +/-10% permitted
deviation from nominal value
except otherwise specified
(defined deviation include
facility supply deviations)

Index	Modification	DCN	Date	Name
4	Chiller flow and connections upd. (P37 & Chiller bypass integrated, HE & Chiller supply pressure added		23.10.22	Mar
3	Heat Exchanger and gas inlet cooling loop added, HE transferred to Rev. HE		07.06.22	Mar
2	Flow Rates updated		08.04.22	ALoer
1	Initial issue, chiller & inlet distance changed to 1m & 1.5m,		22.03.22	ALoer
	Initial issue, Cooling loop added, Gas inlet & Reactor added		25.02.22	ALoer

Index	Released	Date	Name
4	Released	26.09.22	PMar
3	Released	02.09.22	ALoer
2	Released	08.04.22	ALoer
1	Released	22.03.22	ALoer
0	Released	25.02.22	ALoer

FINISH
Surface area DIN ISO 1302 Ra 3.2
Remove all sharp edges & burrs
DO NOT SCALE

ISO 128	Scale:	Material: Rev: 4
A0	Date	Name
Drawn by:	18.11.22	ALoer
Checked:		
Standard:		

AIXTRON
CONFIDENTIAL

Title: Cooling System
Reference Work
Drawing number
Sheet 1 / 1

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