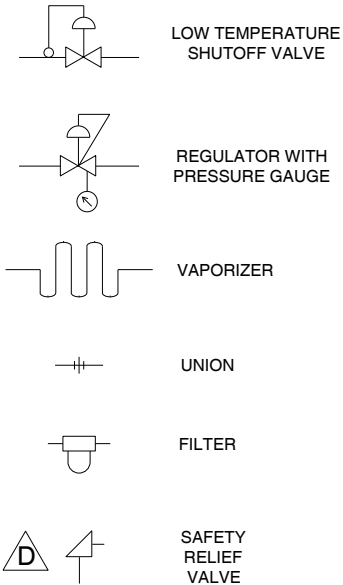
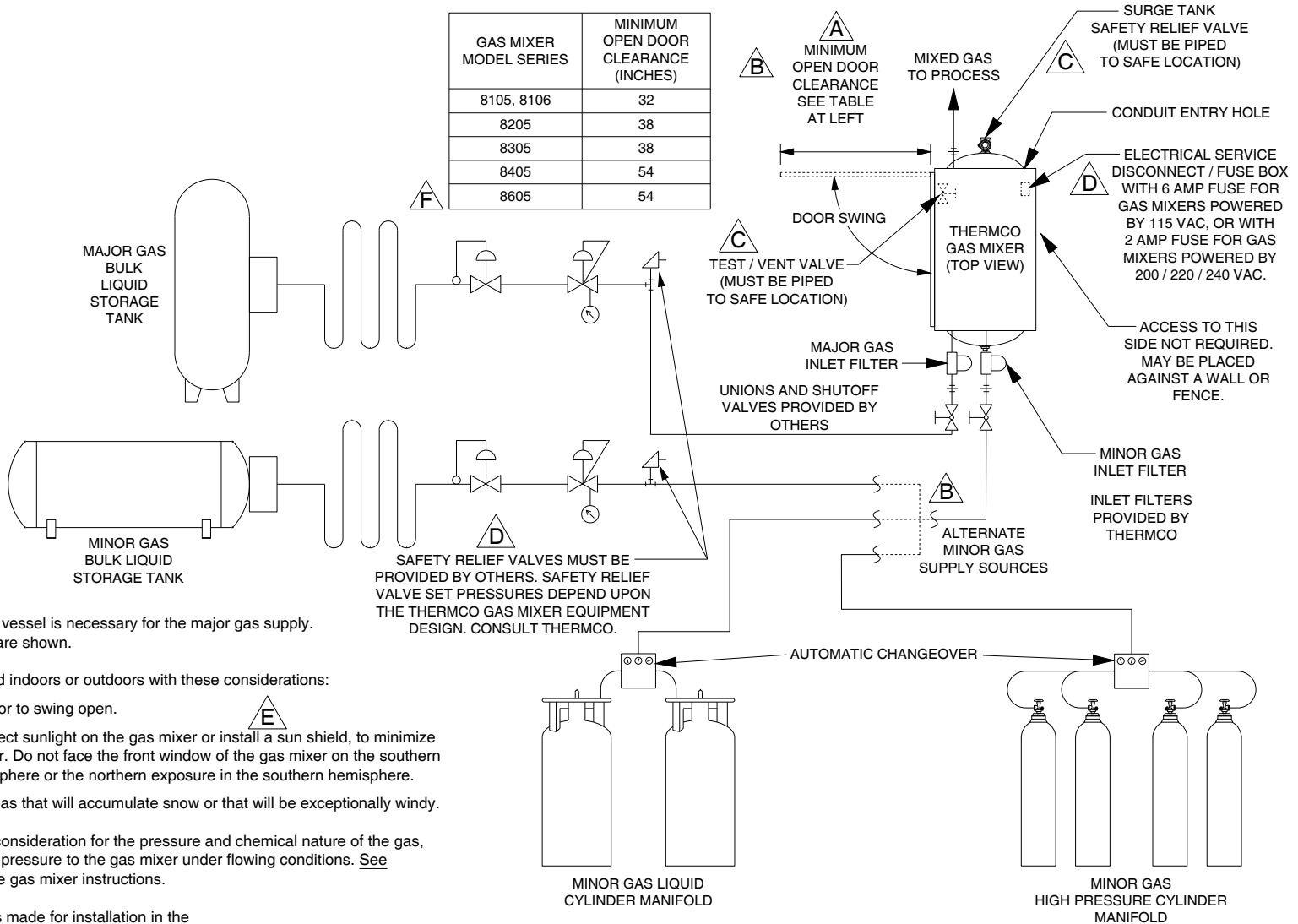


**LEGEND**



GAS MIXER MODEL SERIES	MINIMUM OPEN DOOR CLEARANCE (INCHES)
8105, 8106	32
8205	38
8305	38
8405	54
8605	54



**NOTES:**

**GAS SUPPLY:** Normally a bulk storage vessel is necessary for the major gas supply. Three choices for the minor gas supply are shown.

**SITTING:** The gas mixer may be located indoors or outdoors with these considerations:

1. Allow clearance for the front door to swing open.
2. If possible, avoid areas with direct sunlight on the gas mixer or install a sun shield, to minimize heat buildup during the summer. Do not face the front window of the gas mixer on the southern exposure in the northern hemisphere or the northern exposure in the southern hemisphere.
3. In cold environments, avoid areas that will accumulate snow or that will be exceptionally windy.

**PIPING:** Piping should be chosen with consideration for the pressure and chemical nature of the gas, sized large enough to deliver the proper pressure to the gas mixer under flowing conditions. See Recommended Inlet Pipeline Sizes in the gas mixer instructions.

**POWER REQUIREMENTS:** Gas mixers made for installation in the U.S. and Canada will require 115 VAC (±10 VAC), 60 Hz, 1 Ø. For gas mixers for other locations, see Instruction Manual for power requirements.

**GAS TEMPERATURE:** The two supply gases should enter the gas mixer at nearly equal temperatures to achieve the proper mixing accuracy. If the gas supplies will be at significantly differing temperatures, the resultant mixing inaccuracy should be considered and the proper corrective action taken. Design to prevent exposure of the gas mixer to high pressures or liquid gases should be practiced.

**SIGNAL WIRING:** Electrical signals (4 - 20mA output signal) run remotely from the gas analyzer enclosure must be run in a separate conduit or shielded cable.

REVISIONS	BY	DATE
F	GAR	4-11-16
E	GAR	10-21-15
D	GAR	10-16-14
C	GAR	1-26-12
B	GAR	10-9-09
A	DMR	7-12-02

<p><b>RECOMMENDED INSTALLATION OF OUTDOOR GAS MIXERS</b></p>	INSTRUMENT CORPORATION LA PORTE, INDIANA USA	DATE: 8-10-93
	TITLE:	SCALE: N.T.S.
		DRAWN BY: BB
		APPROVED BY: GAR
		SUPERSEDES:
		DRAWING NUMBER: 1-10679