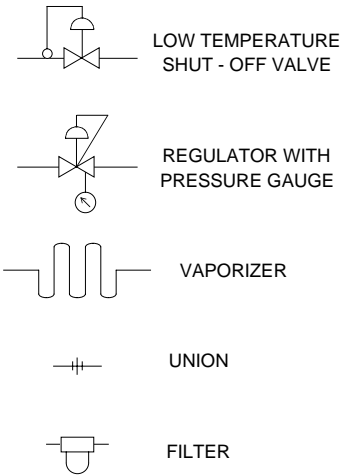
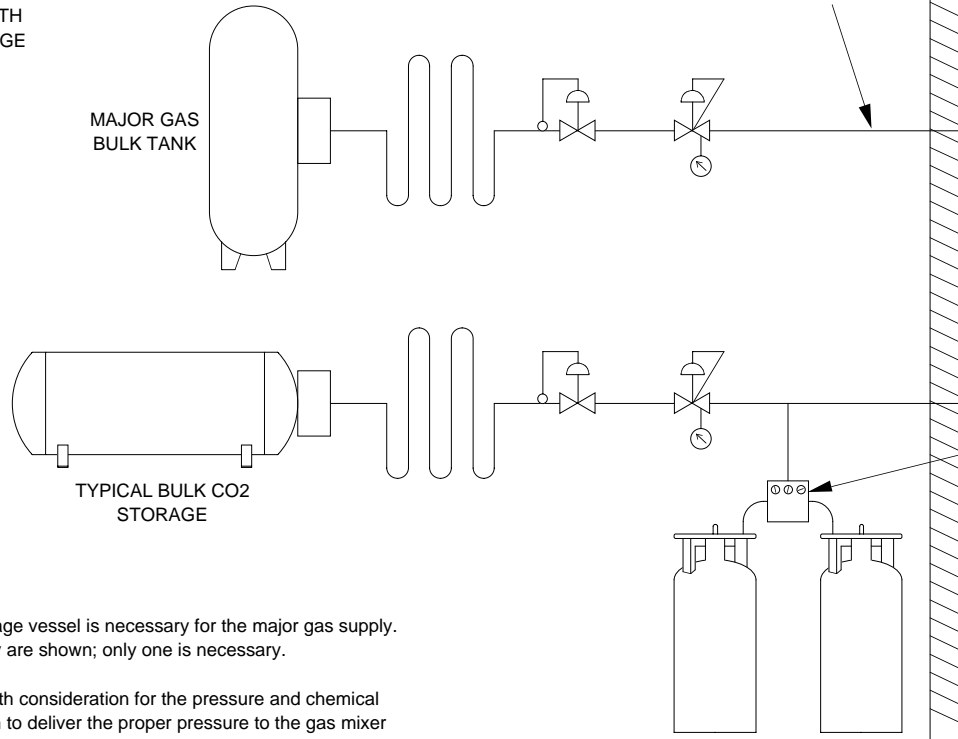


**LEGEND**

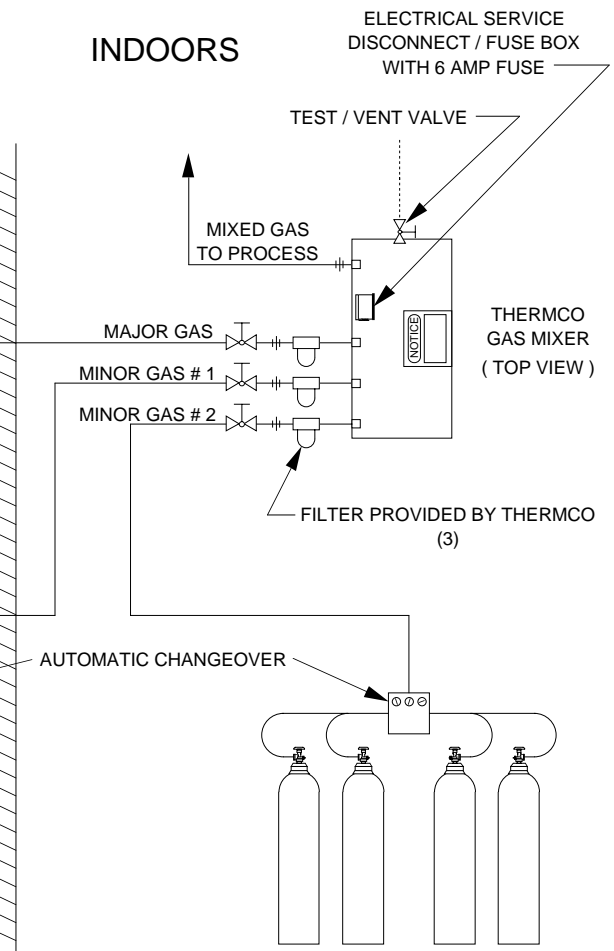


**OUTDOORS**

MINIMUM SIZE OF MAJOR GAS PIPELINE FOR 2000 SCFH GAS MIXER IS 3/4" I.D. AND FOR 5000 SCFH GAS MIXER IS 1" I.D. SIZING IS BASED ON A 100 FOOT PIPE RUN.



**INDOORS**



LIQUID CYLINDER MANIFOLD

HIGH PRESSURE CYLINDER MANIFOLD

**NOTES:**

**GAS SUPPLY:** Normally a bulk storage vessel is necessary for the major gas supply. Two choices for minor gas # 2 supply are shown; only one is necessary.

**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 Pipeline Sizes in the gas mixer instructions.

**CLEARANCE:** Leave at least 1 - 1/2 feet clearance to both sides, and 2 feet to front and rear of mixer.

**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 three 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.

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REVISIONS		BY	DATE

**THERMCO** INSTRUMENT CORPORATION

SCALE: N.T.S.	B. M. NUMBER:	DRAWN BY: DB
DATE: 6-21-93	CUSTOMER:	APPROVED BY:
S. O. NUMBER:	SUPERSEDES: 2-9182	
TITLE: RECOMMENDED INSTALLATION OF THREE - GAS MIXER MODELS 8110, 8115, 8210, & 8215		DRAWING NUMBER: 1-10656

MATERIAL: \_\_\_\_\_ FINISH: \_\_\_\_\_