**INSTRUCTION DRAWING FOR MODELS 8110 AND 8115 GAS MIXERS**

**WARNING**

**THERMCO PRESSURE ALARM**

ON

OFF

HORN SILENCE

LOW MINOR2 PRESSURE

LOW MINOR1 PRESSURE

LOW MAJOR PRESSURE

**TANK FEET HOLE PATTERN**

9/16" DIA HOLE IN EACH OF TANK FEET

DIMENSIONS ARE IN INCHES AND ARE APPROXIMATE.

* MIXTURE ADJUSTMENT VALVES ARE SHOWN WITHOUT LOCK BOXES.

- **MINOR GAS # 1 INLET - 1" FEMALE NPT**
- **MINOR GAS # 1 INLET PRESSURE GAUGE**
- **MINOR GAS # 1 REGULATOR WITH PRESSURE GAUGE**
- **MINOR GAS # 2 INLET - 1" FEMALE NPT**
- **MINOR GAS # 2 INLET FILTER**
- **MINOR GAS # 2 INLET PRESSURE GAUGE**
- **MINOR GAS # 1 MIXTURE ADJUSTMENT VALVE**
- **MINOR GAS # 2 MIXTURE ADJUSTMENT VALVE**
- **CYCLING SOLENOID VALVE**
- **MINOR GAS # 2 REGULATOR WITH PRESSURE GAUGE**
- **30 GALLON SURGE TANK**
- **MAJOR GAS ORIFICE**
- **MINOR GAS # 1 INLET - 1" FEMALE NPT**
- **MINOR GAS # 1 INLET PRESSURE GAUGE**
- **MINOR GAS # 1 REGULATOR WITH PRESSURE GAUGE**
- **MINOR GAS # 2 INLET - 1" FEMALE NPT**
- **MINOR GAS # 2 INLET FILTER**
- **MINOR GAS # 2 INLET PRESSURE GAUGE**
- **MIXING CROSS**
- **MAJOR GAS REGULATOR WITH PRESSURE GAUGE**
- **MAJOR GAS INLET PRESSURE GAUGE**
- **MAJOR GAS INLET FILTER**
- **MAJOR GAS INLET - 1" FEMALE NPT**
- **MAJOR GAS CHECK VALVE**
- **ELECTRICAL ENTRANCE DISCONNECT SWITCH AND FUSE**
- **MIXTURE OUTLET - 1" FEMALE NPT**
- **SHUTOFF VALVE**
- **TEST / VENT VALVE 1/2" FEMALE NPT**
- **MIXTURE SHUTOFF SOLENOID VALVE (OPTIONAL)**
- **SAMPLE VALVE - 1/8" FEMALE NPT**
- **GAS MIXER SPECIFICATION AND SERIAL NUMBER LABEL**
- **MAJOR GAS ORIFICE**
- **MINOR GAS # 1 INLET PRESSURE GAUGE**
- **MINOR GAS # 1 REGULATOR WITH PRESSURE GAUGE**
- **MINOR GAS # 1 MIXTURE ADJUSTMENT VALVE**
- **MINOR GAS # 2 MIXTURE ADJUSTMENT VALVE**
- **CYCLING SOLENOID VALVE**
- **MINOR GAS # 2 REGULATOR WITH PRESSURE GAUGE**
- **30 GALLON SURGE TANK**
- **MAJOR GAS REGULATOR WITH PRESSURE GAUGE**
- **MAJOR GAS INLET PRESSURE GAUGE**
- **MAJOR GAS INLET FILTER**
- **MAJOR GAS INLET - 1" FEMALE NPT**
- **MAJOR GAS CHECK VALVE**
- **ELECTRICAL ENTRANCE DISCONNECT SWITCH AND FUSE**
- **MIXTURE OUTLET - 1" FEMALE NPT**
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- **MINOR GAS # 1 REGULATOR WITH PRESSURE GAUGE**
- **MINOR GAS # 1 MIXTURE ADJUSTMENT VALVE**
- **MINOR GAS # 2 MIXTURE ADJUSTMENT VALVE**
- **CYCLING SOLENOID VALVE**
- **MINOR GAS # 2 REGULATOR WITH PRESSURE GAUGE**
- **30 GALLON SURGE TANK**
- **MAJOR GAS REGULATOR WITH PRESSURE GAUGE**
- **MAJOR GAS INLET PRESSURE GAUGE**
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**INSTRUMENT CORPORATION**

LA PORTE, INDIANA USA

**DRAWN BY:** DB

**APPROVED BY:**

**SUPERSEDES:** 1-11784

**REVISIONS:**

OUTLET FLOW TRAIN MODIFIED

SMRT 10-5-04

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