

# Retro-Fit Manual

# Chemetron Gas Control Panel









# Important Note

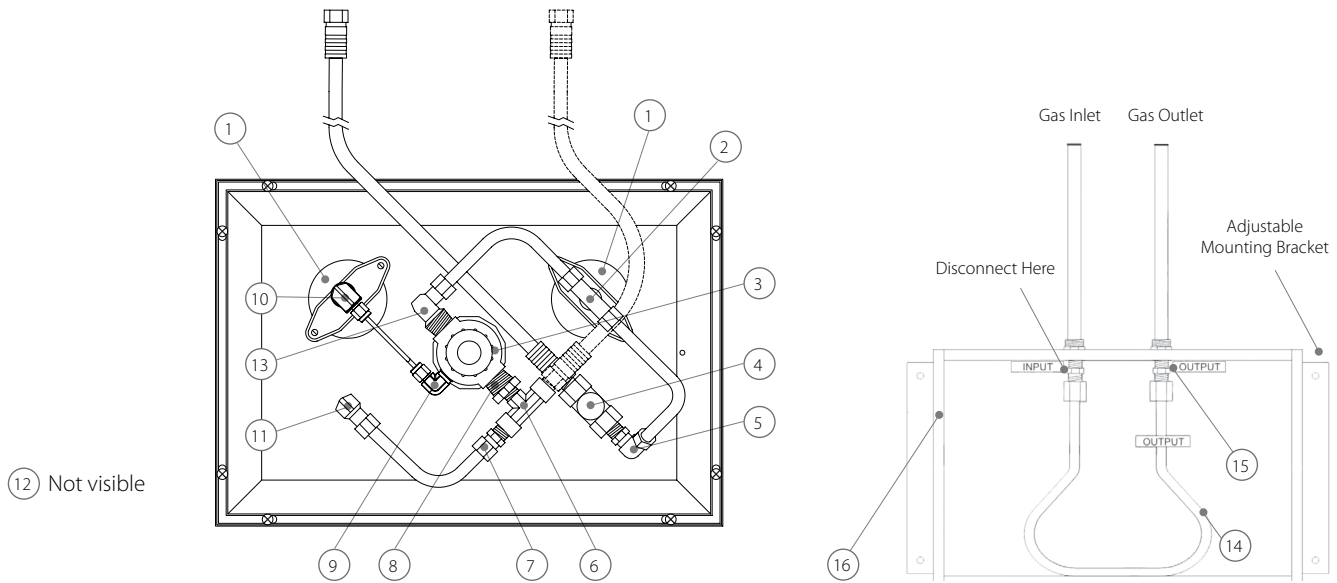
Due to unknown factors of the existing equipment, projects requiring Retro-Fit Conversions must be fully investigated by the installer.

It is the responsibility of the installer to determine if the Retro-Fit will function correctly and if additional components are required. Amico is not responsible for any additional components required.

## Retro-Fit Instructions

<p>Remove the screws from the Chemetron Gas Control Panel.</p>	
<p>Remove all internal components.</p>	
<p>Mount the filler frame to the wall using the appropriate hardware for the type of wall you are mounting to. There are 6 holes provided for mounting the frame, 3 on top and 3 on the bottom. <b>NOTE:</b> The frame cannot be mounted on the wall centered on the existing back box. The retrofit is shipped with the filler frame attached to the control panel. Before you take these apart, push the assembly into the existing back box and position it into place and mark off the corners of the frame on the wall. These lines will be your reference for mounting the frame to the wall.</p>	
<p>The pigtail adapter and the reducer bushing, provided with the retrofit kit, should be secured to the input and output in the back box as shown.</p>	
<p>The pigtail that is supplied in the retrofit kit is for the output. Secure the male end to the reducer bushing on the output side in the back box.</p>	
<p>Secure the male end of the output pigtail to the output on the back of the control panel. Secure the input pigtail, coming from the back of the control panel, to the input in the back box. Push the whole assembly gently into the back box and secure the panel to the filler frame using the #8 stainless steel machine screws provided with the kit. Please note the position of the pigtails. Make sure you position them this way or you may have trouble fitting the panel onto the frame.</p>	

# Diagrams



## Repair kit part #: N-X-TUBE-KIT

\* Item numbers with \* is included in the repair kit with 1 set of copper piping.

Item	Description	Part Number
1	2 1/2" Gauge, 0-400 psi, 1/4" Center Back Mount	M-X-MAN-52B
2*	Brass Tee 1/4" FNPT* 3/8" Tube	N-X-TEE-AL-F304
3	Regulator Relieving	N-X-REGULATOR-R
4	Shut-off Valve (Brass)	N-X-VALVE
5*	Elbow 90° 3/8" MNPT* 3/8" Tube	N-X-ELBW-AL-M37
6	Brass Tee 1/4" FNPT* 3/8" Tube	N-X-TEE-AL-F304
7*	Connector 3/8" MNPT* 3/8" Tube	N-X-CON-AL-375
8	Bushing 1/2" * 3/8"	N-X-BUSH
9*	Elbow 90° 1/4" MNPT* 1/8" Tube	N-X-ELB-ALM2508
10*	Elbow 90° 1/4" FNPT* 1/8" Tube	N-X-ELB-ALF2508
11*	Elbow 90° 1/4" FNPT* 3/8" Tube	N-X-ELBOW-AL
12a	DISS Demand Check Valve 1/4" MNPT - Nitrogen	S-DIS-DEMC-NIT
12b	DISS Demand Check Valve 1/4" MNPT - Instrument Air	S-DIS-DEMC-IAIR
13*	Elbow 90° 1/2" MNPT* 3/8" Tube	N-X-ELBW-AL-305
14	18" Long Braided Pigtail (3/8" inner diameter)	N-X-PIGTAIL
15	Pigtail/Pipe Adapter for Nitrogen Control Panel	N-X-PT-ADAPTER
16	Box for Nitrogen Control Panel	N-X-BOX

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