

## MODULATING GAS CONTROL COMPONENTS

### NOTE:

- When replacing a temperature sensor (item 1) on a Maxitrol MV-9 system (option AG33), check the model number on the sensor. PN 119617 or 194160 is used on units manufactured *after* JAN 1992. PN 87041 is used on units manufactured *before* FEB 1992.
- Sensors are not interchangeable and **MUST** match the amplifier.
- To replace the amplifier (item 3):
  - for PN 148590 (model A1014L or A1014U) or PN 86976, order replacement kit PN 268301;
  - for PN 194159 (model A1044CL), PN 157915 (model A1044EL), PN 119616 (model A1044E), or PN 86989 (model A1044), order replacement kit PN 268302.
- Amplifiers are not interchangeable and **MUST** match the sensor.
- Modulating gas control components are listed in [Table 18](#) and shown in [Figure 9](#).

**Table 18. Modulating Gas Control Components**

Item No.	Component	Description	PN	Gas Control Option	Serial No. Suffix	Location
1	Temperature sensor	Maxitrol series 14, #TS114	90324	AG30, AG31	MV-7	Discharge
		Maxitrol series 14A, #TS114A	87106	AG32	MV-8	
		Maxitrol series 14B, #TS114B	123944	AG35	MV-8	
		Maxitrol series 44, #TS144E, 120°F max	119617	AG33	MV-9	
		Maxitrol series 44, #TS144C, 140°F max	194160			
		Maxitrol series 94, #TS194	133228	AG36	MV-B	
2	Mixing tube	Maxitrol MTI-12	90323	AG30, AG31, AG32, AG33, AG35, AG36	MV-7, MV-8, MV-9, MV-B	
3	Amplifier	Maxitrol series 14 and 14A, #A1014R	148590	AG30, AG31, AG32	MV-7, MV-8	Electrical control compartment
		Maxitrol series 44, #A1044U (shown without cover)	268274	AG33	MV-9	
		Maxitrol series 94, A1494	133229	AG36	MV-B	
3A	Replacement kit	Amplifier, for PN 148590 (model A1014L or A1014U) or PN 86976	268301	AG30, AG31, AG32	MV-7, MV-8	
		Amplifier, for PN 194159 (model 1044CL), PN 157915 (model A1044EL), PN 119616 (model A1044E), or PN 86989 (model A1044)	268302	AG33	MV-9	
4	Signal conditioner	Maxitrol (for computer control)	134170	AG37	MV-C	
5	Temperature selector	Maxitrol series 14, #TD114, range 55–90°F, selector with box (PN 156085), US installations	86988	AG30, AG31	MV-7	Remote
		Maxitrol series 14, #TD114, range 50–75°F, Canadian installations	101165			
		Maxitrol series 14A, #TD114A, range 80–130°F	87107	AG32	MV-8	
		Maxitrol series 14B, #TD114B, range 120–160°F	159285	AG35	MV-8	
		Maxitrol series 14B, #TD114B, range 120–140°F	123943			
		Selectrastat, Maxitrol series 44, #T-244	86990	AG33	MV-9	Space
		Maxitrol series 94, #TD294E-609-0818, 120°F, dual selector for paint booth applications (option AG36)	133230	AG36	MV-B	Remote
Maxitrol series 94, #TD294E-609-0818, 160°F	159287					
6	Thermostat	Overriding, series 14, #T115	24857	AG31	MV-7, MV-8	Space