



Flexibility In Maintaining Animal Comfort

The VAL-CO® Family

- Watering Systems
- Feed Bins, Fill Systems
 - Feeders
- Ventilation Fans
 - Inlets
 - Heaters
- Evaporative Cooling
- Whole House Controllers™
 - Incinerators
- Crates, Stalls, Penning
 - Flooring
- Electronic Weighing/
Sorting Systems
- and much more...



Performance You Can Count On

HI/LOW Gas Panel

This panel ensures the most economical and efficient use of gas and allows flexibility in controlling the desired animal comfort zone. In the case of power failure, rest easy knowing you have the ability to manually control temperature until power is restored.

Design Features:

- Control two actuated hi/low zones and a sick pen
- Each hi/low zone has a separate pressure regulator for the high and low settings
- Each bank is rated at 275,000 BTU's for a total of 550,000 BTU's for the panel
- No adjustment necessary for high fire regulators - they are preset to 4.5psi and actuated by the environmental control settings
- Low fire regulators can be adjusted to the desired minimum heat setting depending on the environmental conditions –minimum setting to keep the heater pilot flame lit
- Sick pen regulator can be adjusted to the correct pressure to achieve the desired operating temperature– manual valve must be opened in order for the system to function

Pulse-Width Modulating Gas Valve

Get accurate, consistent heat control

Automate the control of your radiant heaters and profit from higher fuel efficiency while minimizing temperature fluctuations.

Design Features:

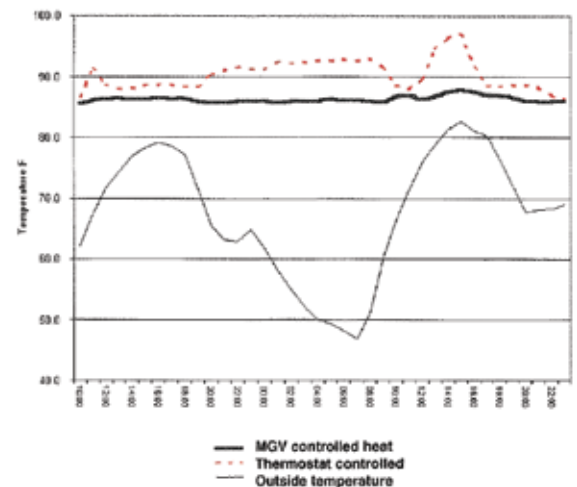
- Flexible control; can be operated with simple on/off thermostats, analog voltage control or output channel from an environmental controller
- Compatible with most controllers
- Automatic gas shut-off on power loss
- Long life and reliability with minimal moving parts
- Toggle switch allows manual override for initial setup and periodic "burn-out" of dust
- Automatically compensates for fluctuations in line pressure
- Self-diagnostics monitoring with status indicator
- Learns the specific characteristics of each gas system and makes an intelligent decision on how much to adjust the pressure to maintain the target temperature
- Ramps temperature when used with an environmental controller
- Supports electronic igniter circuits

Specifications:

- Power Input: 24VAC
0.25 Amps maximum
- Output: 2" WC to 5 psi
- Inputs: Switched input or
0-10 VDC analog input
- Capacity: Rated at 204,000 BTU

Benefits:

- Maximizes thermal comfort for animals
- Fast payback from better animal performance
- Easy to upgrade existing gas control systems
- Simple to install; easily retrofits existing installations
- Easy to use



Call your local **VAL-CO** representative or distributor for more information on this and other fine quality products.



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