

Thermo - Unit

For individual automatic control

GA Item # 803518

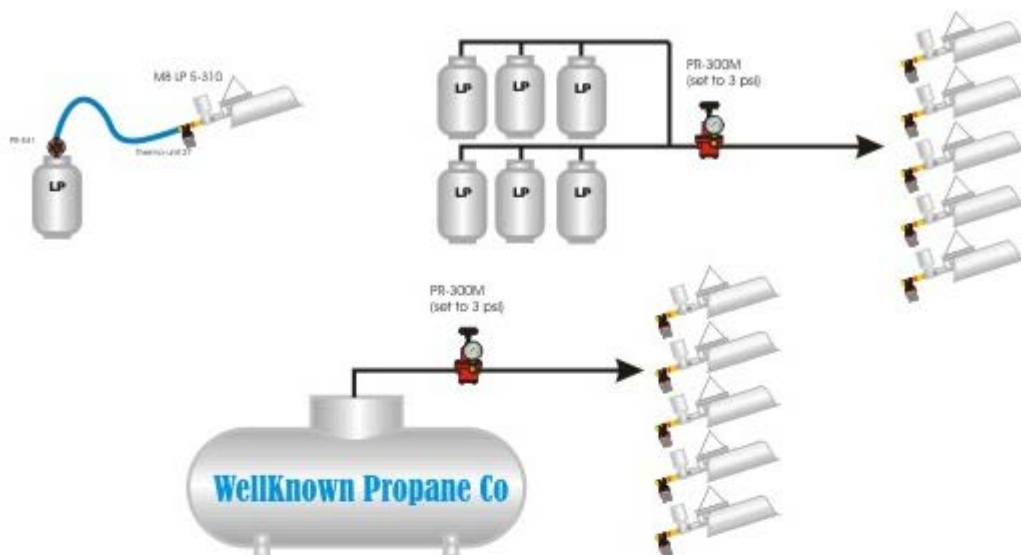
Trust the best in
"Growheating"

Thermo-units are used for individual automatic control of heat output. A Thermo-unit consists of two parts, a thermostatic head and a valve. These two parts work together to mechanically maintain a specific desired temperature or set point. A Thermo-unit is fully modulating. As the sensor detects a change in temperature, the thermo-head opens or closes the valve just enough to return to set point. If there is no call for heat, the valve will close completely and the by-pass hole within the valve will maintain the heaters pilot flame.

Thermo-units require a primary regulator set to the heaters maximum operating pressure.



Depicted Below are 3 typical installation techniques using Gasolec M8 LP 5-310 infrared Heaters with Thermo-unit 27's. Primary regulators must be used and set to the heaters maximum operating pressure. Other Heater/Thermo-unit/Regulator combinations are listed below.



Thermo-unit/Heater/Regulator configurations

- | | |
|---|---|
| M2 LP 20-1400
0.3 - 20 psi | Thermo unit 16c (requires primary regulator PR-14M/12) |
| M2 LP 20-310
0.3 - 4.5 psi | Thermo unit 16c (requires primary regulator PR-531) |
| M2 NG 20-300
0.3 - 4.5 psi | Thermo unit 27c (requires primary reg. PR-531 for up to 17 heaters, PR300M/12 for up to 50 heaters) |
| M8 LP 5-310
0.1 - 3 psi | Thermo unit 27c (requires primary regulator PR-531 for up to 12 heaters, PR-300M for up to 26 heaters). |
| M8 LP 20-1400
0.3 - 20 psi | Thermo unit 16c (requires primary regulator PR-14M/12 for up to 26 heaters). |
| M8 NG 20-300
0.3 - 4.5 psi | Thermo unit 39c (requires primary regulator PR-300/25 for up to 18 heaters). |

PR-531 4kg pressure regulator, numbered dial 1-10, adjustable from 0.3 - 4.5 psi

PR-300M 12kg pressure regulator w/ gauge, adjustable from 0.1 - 4.5 psi.

PR-300M/25 25kg pressure regulator w/ gauge, adjustable from 0.1 - 4.5 psi.

PR-14M/12 12kg pressure regulator w/ gauge, adjustable from 0.3 - 20 psi.