

Service Single-Deck Merchandiser w/ Flat Fixed Glass

SGMO REMOTE GRAVITY - 4', 6', 8' & 12'

Electrical Data

| Model | | Fans per Case | High Efficiency Fans | | Anti-Condensate Fans | | Drain Heaters | | Optional Defrost Heaters | | | |
|-------|-----|------------------|----------------------|-------|----------------------|-------|---------------|-------|--------------------------|-------|-----------|-------|
| | | | 120 Volts | | 120 Volts | | 120 Volts | | 208 Volts | | 240 Volts | |
| | | | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| SGMO | 4' | --- ¹ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 6' | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 8' | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 12' | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Lighting Data

| Model | | Lights per Row | Light Length (ft) | Clearvoyant 4 LED Lighting (Per Light Row) | | | |
|-------|-----|----------------|-------------------|--|-------|----------------------|-------|
| | | | | Standard Power (Cornice or Shelf) | | High Power (Cornice) | |
| | | | | 120 Volts | | 120 Volts | |
| | | | | Amps | Watts | Amps | Watts |
| SGMO | 4' | 1 | 4 | 0.05 | 5.9 | 0.12 | 14.9 |
| | 6' | 2 | 3 | 0.08 | 9.4 | 0.20 | 23.8 |
| | 8' | 2 | 4 | 0.10 | 11.8 | 0.24 | 29.8 |
| | 12' | 3 | 4 | 0.15 | 17.7 | 0.36 | 44.7 |

Guidelines & Control Settings (DX)

| Model | Conventional BTUH/ft | Parallel BTUH/ft | Superheat Set Point @ Bulb (°F) | Evaporator ² (°F) | Discharge Air (°F) | Discharge Air ³ Velocity (FPM) |
|-------|----------------------|------------------|---------------------------------|------------------------------|--------------------|---|
| SGMO | 168 | 150 | 6-8 | 15 | 28 | --- |

Guidelines & Control Settings (Glycol)

| Model | | BTUH/ft | Glycol Supply (°F) | | Glycol Pressure Drop (PSIG) | | Coil Volume (gal) |
|-------|-----|---------|--------------------|-------------------|-----------------------------|------|-------------------|
| | | | 20°F ⁴ | 25°F ⁵ | 20°F | 25°F | |
| | | | SGMO | 4' | --- | --- | |
| 6' | --- | --- | | --- | 3.5 | --- | 2.5 |
| 8' | --- | --- | | --- | 5.0 | --- | 3.0 |
| 12' | --- | --- | | --- | 7.5 | --- | 5.0 |

Engineered for stores with ambient conditions not to exceed 75° and 55% relative humidity.
 Due to engineering improvements specifications may change without notice.
 All measurements are taken per ASHRAE - 72 - 2005 specifications.
 Hillphoenix refrigerated display cases for sale in the United States meet or exceed department of energy 2017 efficiency requirements.
 Numbers are based on standard case sizes. Consult engineering.



Defrost Controls

| Model | | Defrosts ⁶ per Day | Run-Off Time (min) | Electric Defrost | | Timed-Off Defrost | | Hot Gas Defrost | |
|-------|--------|----------------------------------|-----------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|
| | | | | Fail-Safe (min) | Termination Temp (°F) | Fail-Safe (min) | Termination Temp (°F) | Fail-Safe (min) | Termination Temp (°F) |
| SGMO | DX | 1 | --- | --- | --- | 90 | 50 | --- | --- |
| | Glycol | 2 | --- | --- | --- | 90 | 50 | --- | --- |

- 1 NOTE: "---" indicates data not applicable.
- 2 When serpentine is present, it will require an evaporator pressure regulator to be set at 32°F saturated suction temperature. Defrost of the serpentine will be dependant to the gravity coil of the case.
- 3 Average discharge air velocity at peak of defrost.
- 4 Propylene glycol mixture of 35% concentration by weight.
- 5 Propylene glycol mixture of 30% concentration by weight.
- 6 Units equipped with RH systems require 2 defrosts per day with a fail-safe of 120 minutes.
- * Listed data is based on the factory recommended default fresh meat temperature settings.
- * Shelves are not recommended for fresh meat applications.

**SERVICE
SINGLE-DECK**

Deli / Meat / Seafood

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SGMO
(Remote Gravity)

