**MEAT SERVICE CASE** REVISION DATE 4/27/2021

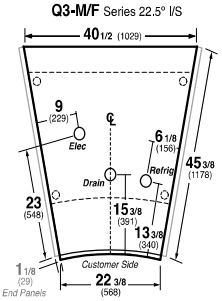
**HUSSMANN - Q3-M (CHINO)**

**DOE 2017 Energy Efficiency Compliant**

Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

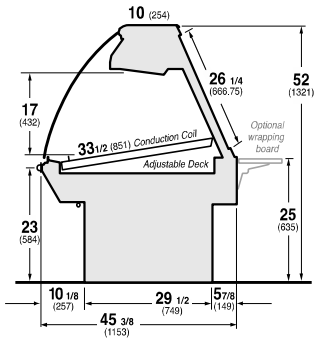


**Q3-M/F** Series 22.5° I/S

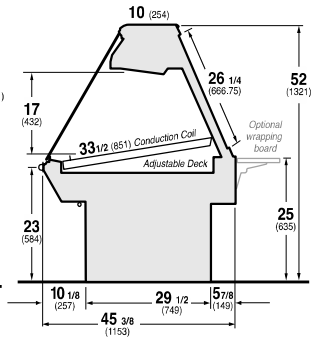



**22.5° Inside Wedge**

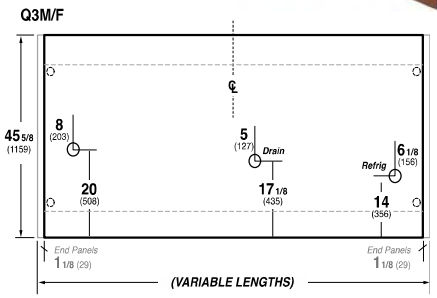
**Q3-MC** Service Meat




**Q3-MS** Service Meat

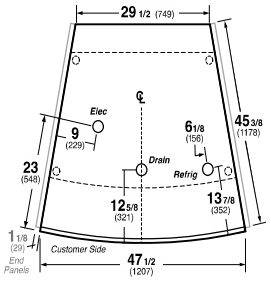



**Q3M/F**




**Notes:**
**Contact your sales representative for information on possible availability of additional case lengths.**

**Q3-M/F** Series 22.5° O/S




**22.5° Outside Wedge**

**REFRIGERATION DATA:**

| CASE LENGTHS/ WEDGES | CASE USAGE | CAPACITY *** (BTU/HR/FT) (TOTAL FOR WEDGES) | | TEMPERATURE (ºF) | | | VELOCITY (FT/MIN) |
|---|---|---|---|---|---|---|---|
| | | RATING CONDITION | | EVAPORATOR | | DISCHARGE AIR ** (°F) | |
| | | NSF 7 | AHRI 1200 | NSF 7 | AHRI 1200 | NSF 7 | NSF 7 |
| 4',5',6',8',10',12' | MEAT | 360 | 360 | 20 | 20 | 25~29 | 50~75 |
| 22.5° IS | MEAT | 860 | 860 | 20 | 20 | 25~29 | 50~75 |
| 22.5° OS | MEAT | 860 | 860 | 20 | 20 | 25~29 | 50~75 |

| CASE LENGTHS | EST. REFG. CHRG. 404A (LBS) | GLYCOL (20°F INLET, 6° RISE) | |
|---|---|---|---|
| | | GPM | PSI |
| 4' | 0.5 | 0.5 | 1.0 |
| 5' | 0.7 | 0.6 | 1.8 |
| 6' | 0.8 | 0.7 | 2.8 |
| 8' | 1.1 | 1.0 | 5.2 |
| 10' | 1.4 | 1.2 | 8.2 |
| 12' | 1.7 | 1.4 | 11.8 |
| 22.5° IS | 0.3 | 0.3 | 0.8 |
| 22.5° OS | 0.3 | 0.3 | 1.2 |

****FRONT DISCHARGE AIR MEASURED INSIDE AIR CURTAIN HONEYCOMB**
*****REFRIGERATION NOTES:**

1) BTU'S INCLUDE 1 ROW CANOPY LED LIGHTS.
2) ADD 10 BTU'S PER FOOT/PER SHELF ROW FOR OPTIONAL LED SHELF LIGHTS
3) AHRI 1200 RATING POINT FOR ENERGY CONSUMPTION COMPARISON ONLY
4) USE DEW POINT FOR HIGH GLIDE REFRIGERANTS. CARE SHOULD BE TAKEN TO USE THE DEW POINT IN P/T TABLES FOR MEASURING AND ADJUSTING SUPERHEAT. ADJUST EVAPORATOR PRESSURE AS NEEDED TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SHOWN.
5) RATING CONDITION IS NSF TYPE I, 75°F/55% RH.

| END PANEL WIDTH KEY | | |
|---|---|---|
| # OF END PNLS | END PNL WIDTH (IN.) | TOTAL ADDED LENGTH (IN.) |
| 1 | 1.125 | 1.125 |
| 2 | 1.125 | 2.25 |

**REFRIGERATION DATA CONTINUED:**

| ELEC. THERMOSTAT / AIR SENSOR SETTINGS | | | DEFROST TYPE | TIME (MIN) | DEFROST FREQUENCY (#/DAY) | TERM. TEMP (°F) COIL ONLY | DRIP TIME | DEFROST WATER (LBS/DAY/FT) |
|---|---|---|---|---|---|---|---|---|
| USAGE | CUT IN (ºF) | CUT OUT (ºF) | | | | | | |
| MEAT | 29 | 26 | OFF TIME | 60 | 2 | 43 | N/A | N/A |

**ELECTRICAL DATA:**

**STANDARD FANS, HEATERS, LED LIGHTS (115 VOLT)**

| CASE LENGTH | AIRSWEEP FANS | | | CANOPY LIGHTS LED | | OPTIONAL LED SHELF LIGHTS | | MAX. LED LOAD (W/ ALL OPTIONS) | | ANTI-SWEAT HEATERS (ON FAN CIRCUIT) | | CONVENIENCE OUTLETS (OPTIONAL) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | # OF FANS | AMPS | WATTS | AMPS | WATTS | AMPS | WATTS | AMPS | WATTS | AMPS | WATTS | # OUTLETS | VOLTS | AMPS |
| 4' | 1 | 0.1 | 8.8 | 0.2 | 21 | N/A | N/A | 0.2 | 21 | N/A | N/A | 1 | 115 | 15 |
| 5' | 1 | 0.1 | 8.8 | 0.2 | 26 | N/A | N/A | 0.2 | 26 | N/A | N/A | 1 | 115 | 15 |
| 6' | 2 | 0.2 | 17.6 | 0.3 | 30 | N/A | N/A | 0.3 | 30 | N/A | N/A | 1 | 115 | 15 |
| 8' | 2 | 0.2 | 17.6 | 0.4 | 41 | N/A | N/A | 0.4 | 41 | N/A | N/A | 1 | 115 | 15 |
| 10' | 2 | 0.2 | 17.6 | 0.5 | 52 | N/A | N/A | 0.5 | 52 | N/A | N/A | 1 | 115 | 15 |
| 12' | 3 | 0.2 | 26.4 | 0.5 | 62 | N/A | N/A | 0.5 | 62 | N/A | N/A | 2 | 115 | 30 |
| 22.5° IS | 1 | 0.1 | 8.8 | 0.1 | 10 | N/A | N/A | 0.1 | 10 | N/A | N/A | 1 | 115 | 15 |
| 22.5° OS | 1 | 0.1 | 8.8 | 0.1 | 10 | N/A | N/A | 0.1 | 10 | N/A | N/A | 1 | 115 | 15 |

**OPTIONAL HIGH OUTPUT LED LIGHTS (115 VOLT)**

| CASE LENGTH | CANOPY LIGHTS H.O. LED | | OPTIONAL SHELF | | MAX. H.O. LED LOAD | |
|---|---|---|---|---|---|---|
| | AMPS | WATTS | AMPS | WATTS | AMPS | WATTS |
| 4' | 0.3 | 30 | N/A | N/A | 0.3 | 30 |
| 5' | N/A | N/A | N/A | N/A | N/A | N/A |
| 6' | N/A | N/A | N/A | N/A | N/A | N/A |
| 8' | 0.5 | 61 | N/A | N/A | 0.5 | 61 |
| 10' | N/A | N/A | N/A | N/A | N/A | N/A |
| 12' | 0.8 | 91 | N/A | N/A | 0.8 | 91 |
| 22.5° IS | N/A | N/A | N/A | N/A | N/A | N/A |
| 22.5° OS | N/A | N/A | N/A | N/A | N/A | N/A |