

## SPECIFICATION SHEET

### • N3MGHPEX GLASS FRONT SINGLE DECK HIGH PERFORMANCE MEAT/DEL/CRITICAL TEMP PRODUCE END MERCHANDISERS •

**Refrigeration Data:**

| MODEL    | CASE LENGTH | CASE USAGE | CAPACITY (BTUH) |              | EVAPORATOR (°F) | UNIT SIZING (°F) | DISCHARGE AIR    |                | AVG. REF. CHARGE (LBS) |
|----------|-------------|------------|-----------------|--------------|-----------------|------------------|------------------|----------------|------------------------|
|          |             |            | PARALLEL        | CONVENTIONAL |                 |                  | TEMPERATURE (°F) | VELOCITY (FPM) |                        |
| N3MGHPEX | 8'          | MED TEMP   | 3,553*          | 3,900*       | +25**           | +23              | +29              | 160***         | 1.94                   |

\* Capacity data listed for cases with 1 row of T-8 top lights. Adjustments must be made to this base rating for each option installed on this case. For sizing all refrigeration equipment other than TYLER, use conventional BTUH values.

\*\* Evaporator temperature is defined as the saturated suction temperature leaving the case.

\*\*\* Air velocity measured 1 hour after defrost at the top discharge air duct using an ALNOR JR. velometer with a scoop.

FOR SPECIFIC COMPRESSOR SIZING INFORMATION, REFER TO TYLER APPLICATIONS FOR RACK SYSTEM COMPRESSORS AND/OR THE COMPRESSOR MANUFACTURERS FOR SINGLE COMPRESSORS. FOR LINE SIZING INFORMATION, REFER TO THE MISCELLANEOUS SECTION "BUFF" IN THE TYLER SPECIFICATION GUIDE.

**Electrical Data:**

Fans and Heaters (120 Volt)

| MODEL    | CASE LENGTH | FANS / CASE | TOTAL STANDARD FANS |       | TOTAL ECM FANS |       | TOTAL ANTI-SWEATS           |      |                           |     | DEFROST HEATER* |       |
|----------|-------------|-------------|---------------------|-------|----------------|-------|-----------------------------|------|---------------------------|-----|-----------------|-------|
|          |             |             | AMPS                | WATTS | AMPS           | WATTS | DISCHARGE AIR<br>AMPS WATTS |      | TOTAL GLASS<br>AMPS WATTS |     | AMPS            | WATTS |
| N3MGHPEX | 8'          | 2           | 1.06                | 96.0  | 0.44           | 22.0  | 0.24                        | 28.0 | N/A                       | N/A | 3.70            | 446.0 |

\* 208 Volt Defrost Heater operating on a 120 Volt circuit.

T-8 Lighting with Electronic Ballasts (120 Volt)

| MODEL    | CASE LENGTH | TOP LIGHTS* |       |
|----------|-------------|-------------|-------|
|          |             | AMPS        | WATTS |
| N3MGHPEX | 8'          | 0.40        | 48.0  |

\* Standard lighting for this case is 1 row of top lights.

**Defrost Data:**

| DEFROST TYPE* | DEFROSTS PER DAY | DURATION TIME (MIN)** | ELEK. THERMOSTAT / AIR SENSOR SETTINGS |        |         | EPR SETTINGS *** |              | CONVENTIONAL COMPRESSOR SETTINGS**** |    |                                |    | DEFROST WATER (LB / DAY) |
|---------------|------------------|-----------------------|--|--------|---------|------------------|--------------|--------------------------------------|----|--------------------------------|----|--------------------------|
|               |                  |                       | USAGE                                  | CUT IN | CUT OUT | R22 (PSIG)       | R404A (PSIG) | R22 (PSIG)<br>CUT-IN CUT-OUT         |    | R404A (PSIG)<br>CUT-IN CUT-OUT |    |                          |
| TIME OFF      | 4                | 32                    | MED TEMP                               | 29°F   | 27°F    | 49               | 62           | 47                                   | 36 | 60                             | 47 | 11.2                     |

\* All high performance cases use **OFF CYCLE** defrost.

\*\* **NOTE:** 32 minutes is for EPR with suction stop for defrost isolation. Defrost times increases by six minutes (38 min. total) when defrost isolation is by pump down.

\*\*\* If EPR is utilized, use the settings shown in the chart. **NOTE:** The customer will need to set the EPR on the parallel rack or single unit to the appropriate suction temperature and the N3MGHPEX cases must be on a separate suction stub with a separate EPR. **ADD** 0.5# to EPR setting for each 1000 foot rise in elevation.

\*\*\*\* Required setup for a conventional unit uses an electronic thermostat to assure accurate temperature control.

**CASE CIRCUITS:** This case requires a 120V circuit for fans, lights, anti-sweat heaters and defrost heater.

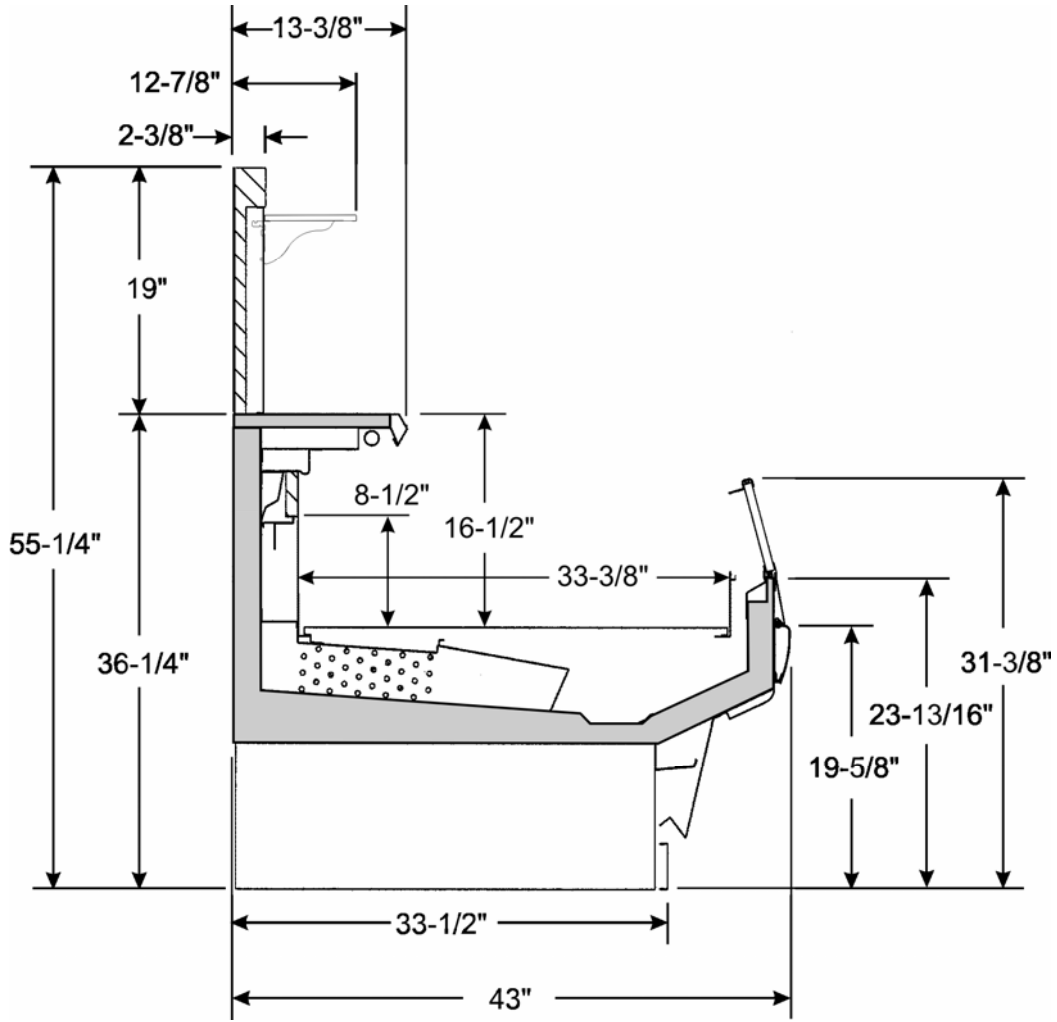
Screens are standard. Case comes with a removable optional rear riser. The rear riser has an adjustable non-refrigerated 12" shelf.

**UL SANITATION** approved in accordance with ANSI/NSF – 7.

**CASE BTUH REQUIREMENTS** are calculated to produce approximately the indicated entering-air temperature with absolute maximum operating ambient limits of **75°F & 55RH**.

The information contained herein is based on technical analysis and/or tests performed in a controlled lab environment that are consistent with industry practices, and is intended as a reference for system sizing and configuration purposes only and for use by persons having technical skill at their own discretion and risk. Conditions of use are outside of Tyler's control and we do not assume and hereby disclaim any liability for results obtained or damages incurred through application of or reliance on the data presented, including but not limited to specific energy consumption with any particular model or installed application. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

**N3MGHPEX CROSS SECTION**



**FLOOR PLAN**

