

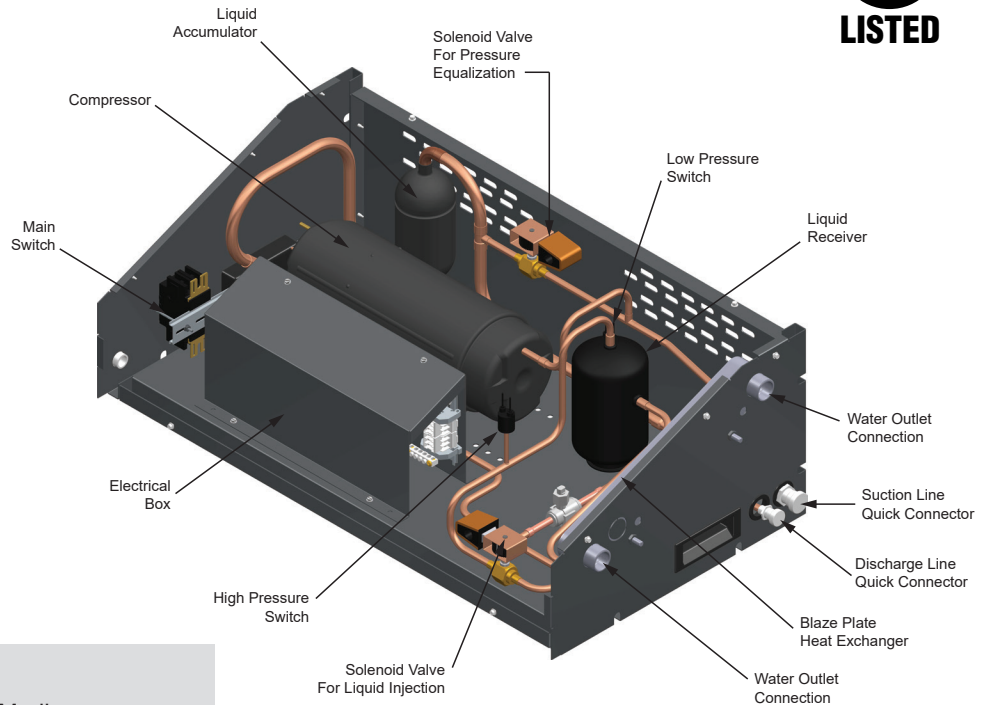


HMDS LMT — 145

Family:
 H — Hussmann
 M — Macro
 D — Distribution
 S — System

Capacity:
 145 — 1450W [ARIMBP]
 176 — 1760W [ARIMBP]
 221 — 3500W [ARIMBP]
 350 — 3500W [ARIMBP]
 403 — 4030W [ARIMBP]

Application:
 LT — Low Temperature
 MT — Medium Temperature
 LMT — Low / Medium Temperature



Product Information

Temperature Applications: Low/Medium
 Refrigerant: R-448a / R-449a
 Installation Application: Freedom Line - Interior
 Scroll Compressor

Dimensions and Weight (without packaging)

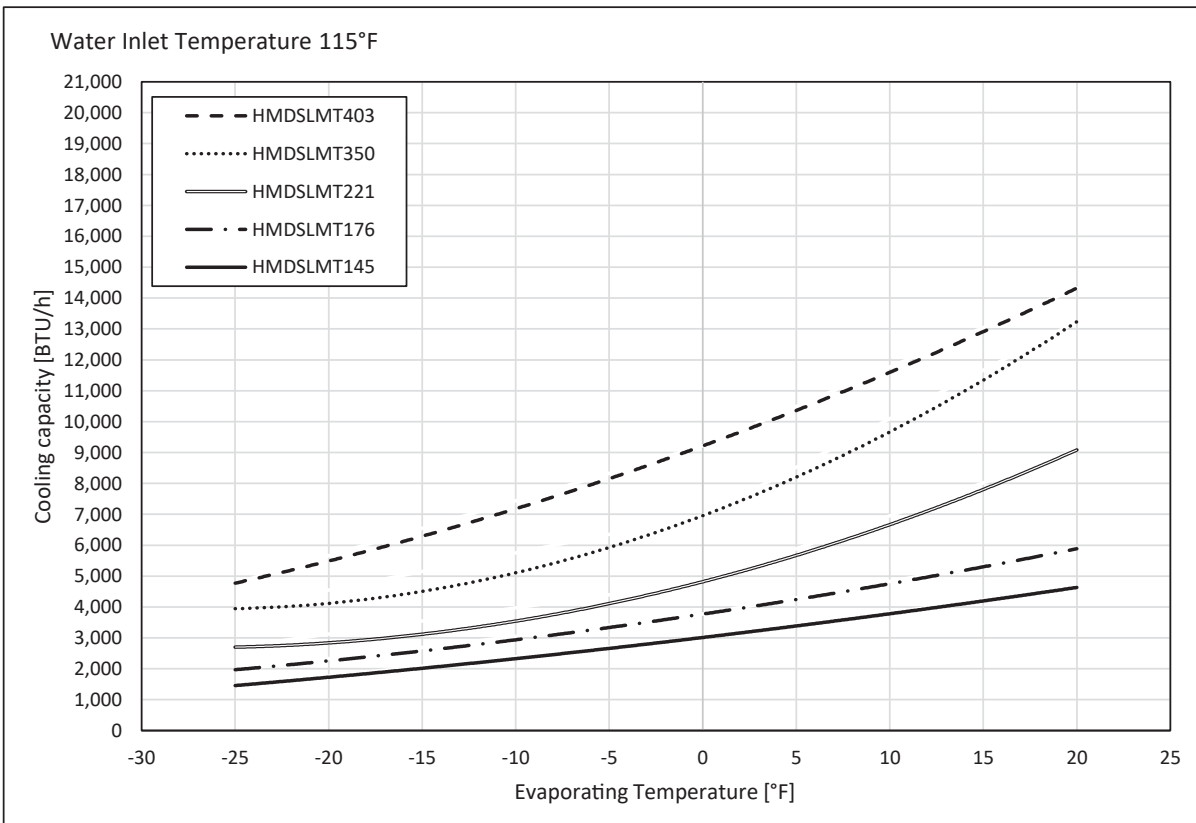
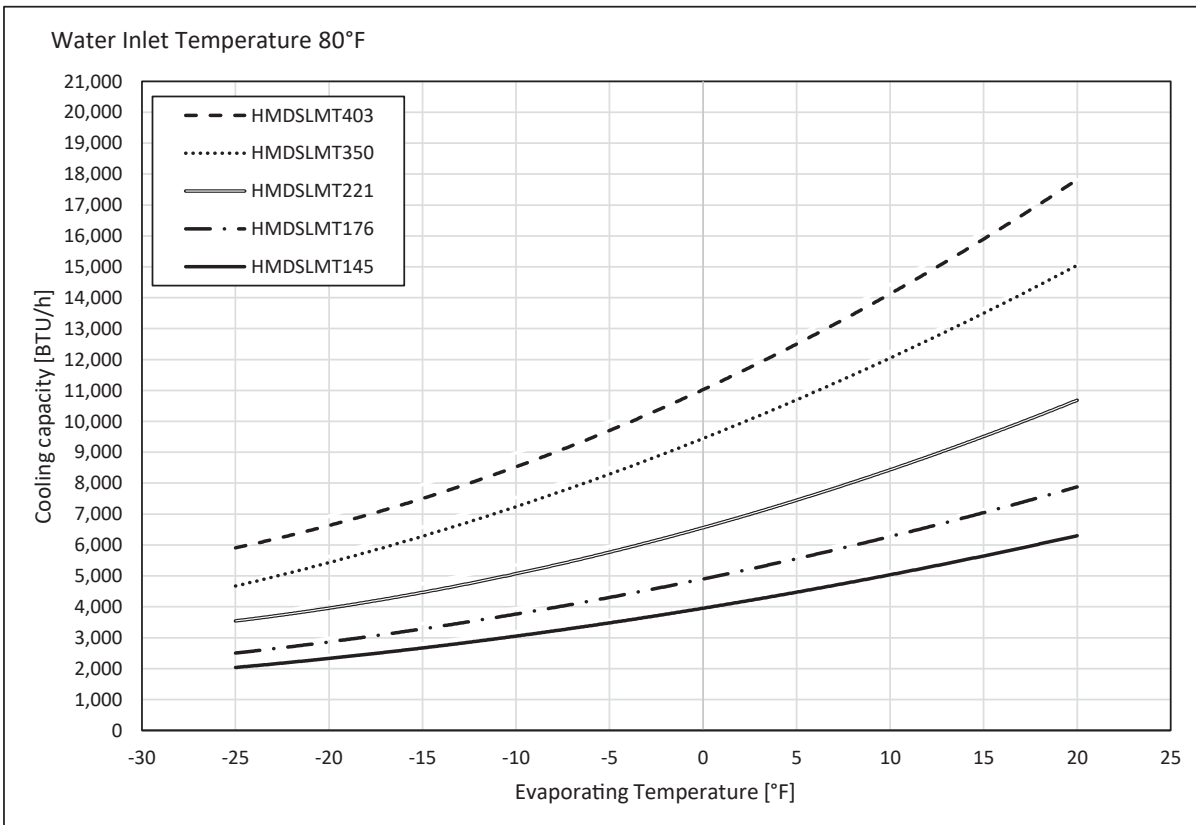
| Model | H x D x W (in) | Weight (lbs) |
|------------|-----------------------|--------------|
| HMDSLMT145 | 11.89 x 18.86 x 33.62 | 100.3 |
| HMDSLMT176 | 11.89 x 18.86 x 33.62 | 100.3 |
| HMDSLMT221 | 11.89 x 18.86 x 33.62 | 100.3 |
| HMDSLMT350 | 11.89 x 18.86 x 33.62 | 100.3 |
| HMDSLMT403 | 11.89 x 18.86 x 33.62 | 100.3 |

Electrical Data

| Model | Compressor | | | |
|------------|---------------|------|-----|------|
| | Power Supply | RLA | LRA | MCA |
| HMDSLMT145 | 208-230V-1-60 | 4.7 | 29 | 5.9 |
| HMDSLMT176 | 208-230V-1-61 | 5.7 | 34 | 7.1 |
| HMDSLMT221 | 208-230V-1-62 | 7.4 | 40 | 9.3 |
| HMDSLMT350 | 208-230V-1-63 | 9.5 | 60 | 11.9 |
| HMDSLMT403 | 208-230V-1-64 | 10.2 | 68 | 12.8 |

Data sheet-Excel HMDSLMT

We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.



**Medium Temperature
Open Multi-Deck Cases**

Excel **HMDSLMT**
Water-Cooled Condensing Unit

Water Inlet Temperatures Up to 80°F for Meat & Dairy Applications

| Case | Condensing Unit | GPM | Refrigerant Charge (lb) ¹ | Heat of Rejection (BTU/h) | Total Pressure Drop (psig) ² |
|---------|-----------------|-----|--------------------------------------|---------------------------|---|
| DF5XN4 | HMDSLMT 145 | 2 | 3.6 | 7714 | 2.5 |
| DF5XN6 | HMDSLMT 221 | 3 | 4.1 | 11461 | 3 |
| DF5XN8 | HMDSLMT 350 | 4 | 5.1 | 14871 | 4 |
| DF5XN12 | HMDSLMT 403 | 6 | 6.3 | 21850 | 8 |
| CF5X4 | HMDSLMT 145 | 2 | 3.8 | 8017 | 2.5 |
| CF5X6 | HMDSLMT 221 | 3 | 4.4 | 11910 | 3 |
| CF5X8 | HMDSLMT 350 | 4 | 5.5 | 15455 | 4 |
| CF5X12 | HMDSLMT 403 | 6 | 6.9 | 22707 | 8 |

Water Inlet Temperatures Up to 115°F for Meat & Dairy Applications

| Case | Condensing Unit | GPM | Refrigerant Charge (lb) ¹ | Heat of Rejection (BTU/h) | Total Pressure Drop (psig) ² |
|----------|-----------------|-----|--------------------------------------|---------------------------|---|
| DF5XN4 | HMDSLMT 176 | 2 | 3.6 | 9864 | 2.5 |
| DF5XN6 | HMDSLMT 221 | 3 | 4.1 | 13932 | 3 |
| DF5XN8 | HMDSLMT 350 | 4 | 5.1 | 18135 | 4 |
| DF5XN12* | HMDSLMT 403 | 6 | 6.3 | 24840 | 8 |
| CF5X4 | HMDSLMT 176 | 2 | 3.8 | 10088 | 2.5 |
| CF5X6 | HMDSLMT 221 | 3 | 4.4 | 14268 | 3 |
| CF5X8 | HMDSLMT 350 | 4 | 5.5 | 18583 | 4 |
| CF5X12 | HMDSLMT 403 | 6 | 6.9 | 25512 | 8 |

¹ Working charge (including case and condensing unit charge) / both case and condensing unit are pre-charged before shipping.

² Pressure drop includes valve station, Caleffi balancing valve, strainer, and hoses.

* Dairy application, Type 1 ambient only

Excel **HMDSLMT**
Water-Cooled Condensing Unit



Scan the QR code on your mobile device
to access additional product information.

Revision History

Revision A: July 2019: Original Issue.

Revision B: August 2019: Updated format and Water Inlet Temperatures table on page 3.