

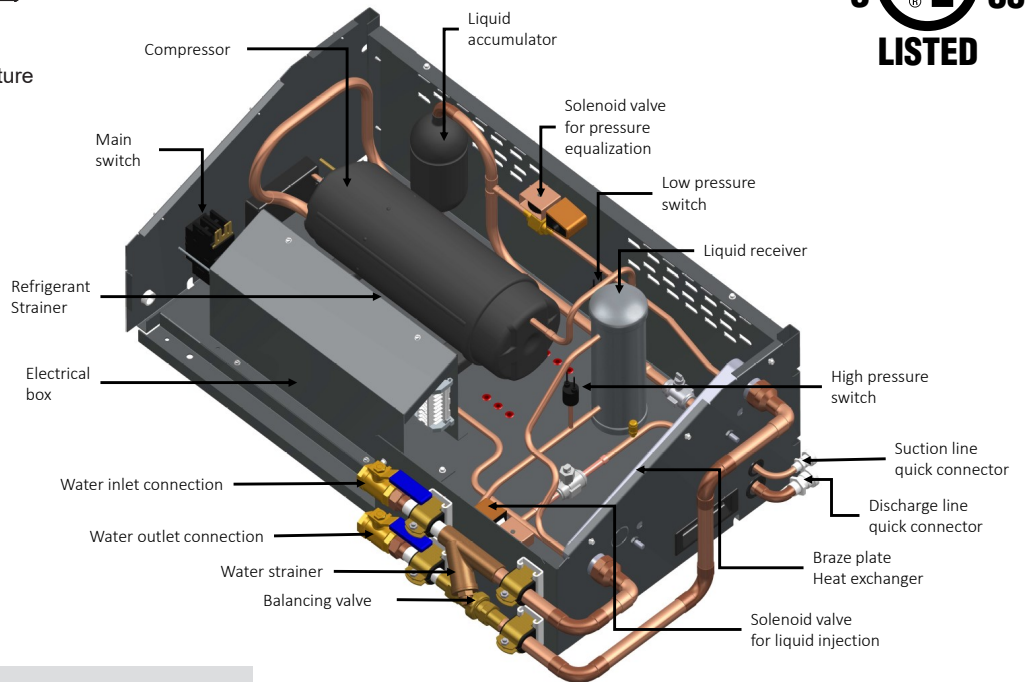


HMDS LMT — 145

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)

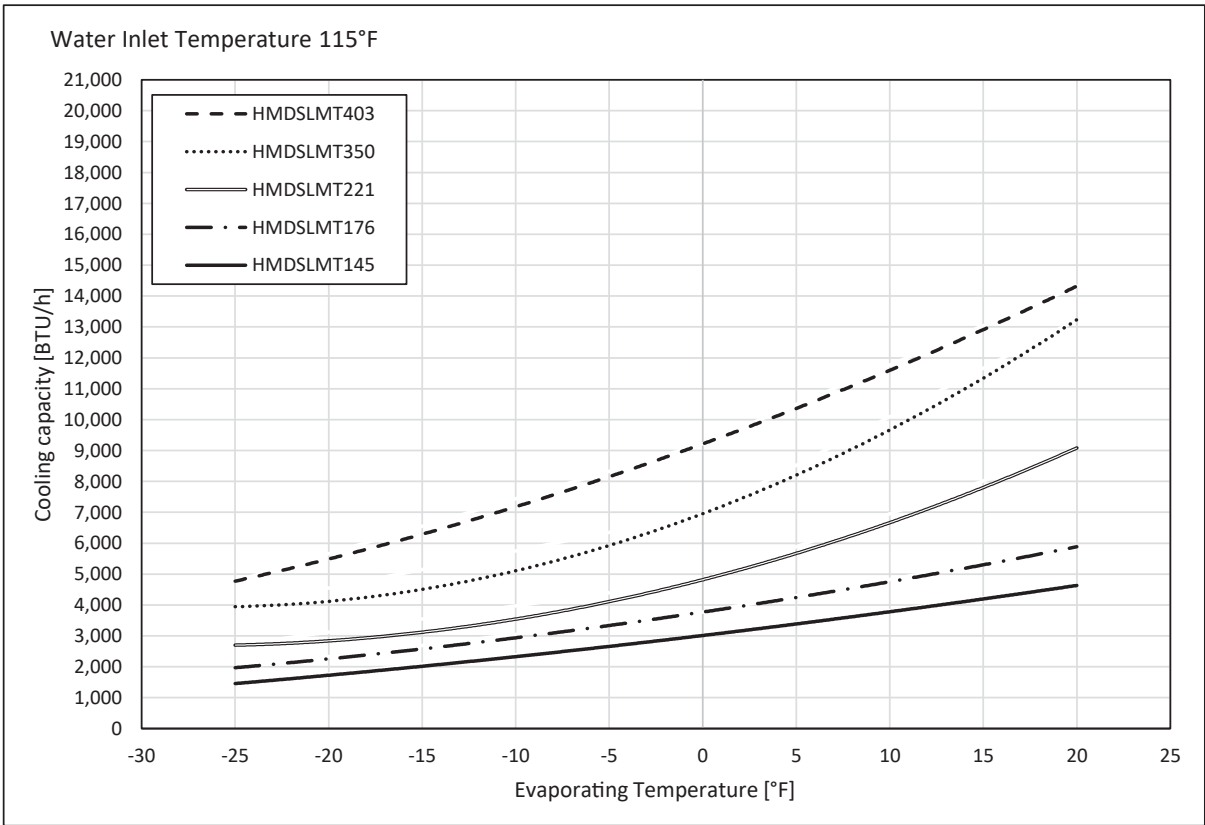
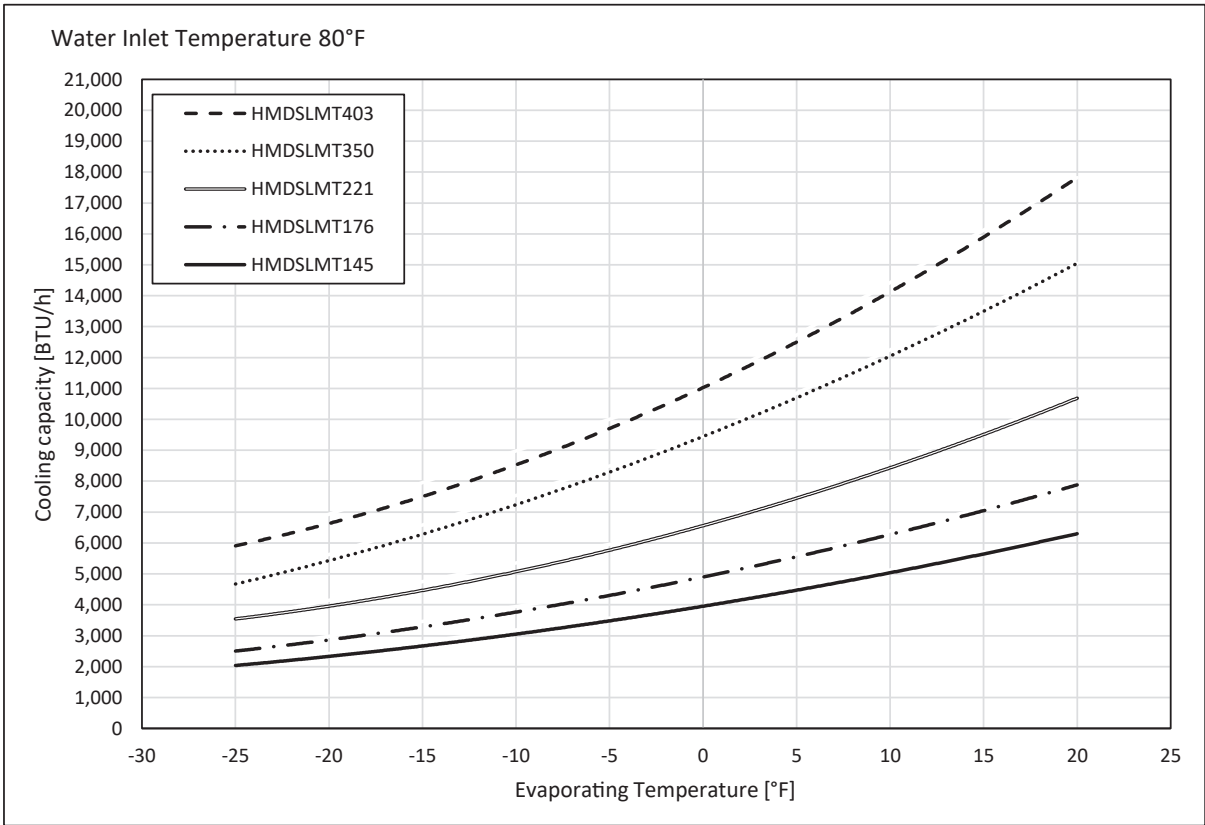
Model	H x D x W (in)	Weight (lbs)
HMDSLMT145	11.89 x 22.07 x 37.32	114
HMDSLMT176	11.89 x 22.07 x 37.32	114
HMDSLMT221	11.89 x 22.07 x 37.32	114
HMDSLMT350	11.89 x 22.07 x 37.32	135
HMDSLMT403	11.89 x 22.07 x 37.32	135

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-Insight 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**

**Insight 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
IDF5SM4	HMDSLMT 145	4	3.6	6645	4
IDF5SM6	HMDSLMT 176	4	3.8	9826	4
IDF5SM8	HMDSLMT 221	6	4	13163	8
IDF5SM12	HMDSLMT 350	8	5.1	19214	11
IDF5NM4	HMDSLMT 145	4	3.6	6861	4
IDF5NM6	HMDSLMT 176	4	3.8	10145	4
IDF5NM8	HMDSLMT 221	6	4	13591	8
IDF5NM12	HMDSLMT 403	8	5.1	19433	11
IDF5NL4	HMDSLMT 145	4	3.6	6888	4
IDF5NL6	HMDSLMT 221	4	3.8	10185	4
IDF5NL8	HMDSLMT 350	6	4	13644	8
IDF5NL12	HMDSLMT 403	8	5.1	19509	11
IDF5NV4	HMDSLMT 145	4	3.6	8671	4
IDF5NV6	HMDSLMT 221	4	3.8	12882	4
IDF5NV8	HMDSLMT 350	6	4	16715	8
IDF5NV12	HMDSLMT 403	8	5.1	24558	11

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
IDF5SM4	HMDSLMT176	4	3.6	9072	4
IDF5SM6	HMDSLMT221	4	3.8	12744	4
IDF5SM8	HMDSLMT350	6	4	16551	8
IDF5SM12*	HMDSLMT403	8	5.1	22464	11
IDF5NM4	HMDSLMT176	4	3.6	9232	4
IDF5NM6	HMDSLMT221	4	3.8	12984	4
IDF5NM8	HMDSLMT350	6	4	16871	8
IDF5NM12*	HMDSLMT403	8	5.1	22944	11
IDF5NL4	HMDSLMT176	4	3.6	9252	4
IDF5NL6	HMDSLMT221	4	3.8	13014	4
IDF5NL8	HMDSLMT350	6	4	16911	8
IDF5NL12*	HMDSLMT403	8	5.1	23004	11
IDF5NV4	HMDSLMT176	4	3.6	11784	4
IDF5NV6	HMDSLMT221	4	3.8	16341	4
IDF5NV8	HMDSLMT350	6	4	20544	8
IDF5NV12*	HMDSLMT403	8	5.1	26964	11

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

Water Inlet Temperatures Up to 80°F for NSF Type II Application

Case	Condensing Unit	GPM	Refrigerant Charge (lb) ¹	Heat of Rejection (BTU/h)	Total Pressure Drop (psig) ²
IDF5SM4	HMDSLMT145	4	3.6	7671	4
IDF5SM6	HMDSLMT221	4	3.8	11397	4
IDF5SM8	HMDSLMT350	6	4	14788	8
IDF5SM12	HMDSLMT403	8	5.1	21728	11
IDF5NM4	HMDSLMT145	4	3.6	8103	4
IDF5NM6	HMDSLMT221	4	3.8	12039	4
IDF5NM8	HMDSLMT350	6	4	15621	8
IDF5NM12	HMDSLMT403	8	5.1	22952	11
IDF5NL4	HMDSLMT145	4	3.6	8157	4
IDF5NL6	HMDSLMT221	4	3.8	12119	4
IDF5NL8	HMDSLMT350	6	4	15725	8
IDF5NL12	HMDSLMT403	8	5.1	23105	11
IDF5NV4	HMDSLMT176	4	3.6	10279	4
IDF5NV6	HMDSLMT221	4	3.8	15490	4
IDF5NV8	HMDSLMT350	6	4	20099	8
IDF5NV12	HMDSLMT403	8	5.1	29531	11

Water Inlet Temperatures Up to 115°F for NSF Type II Application

Case	Condensing Unit	GPM	Refrigerant Charge (lb) ¹	Heat of Rejection (BTU/h)	Total Pressure Drop (psig) ²
IDF5SM4	HMDSLMT176	4	3.6	9832	4
IDF5SM6	HMDSLMT221	4	3.8	13884	4
IDF5SM8	HMDSLMT350	6	4	18071	8
IDF5NM4	HMDSLMT176	4	3.6	10152	4
IDF5NM6	HMDSLMT221	4	3.8	14364	4
IDF5NM8	HMDSLMT350	6	4	18711	8
IDF5NL4	HMDSLMT176	4	3.6	10192	4
IDF5NL6	HMDSLMT221	4	3.8	14424	4
IDF5NL8	HMDSLMT350	6	4	18791	8
IDF5NV4	HMDSLMT221	4	3.6	13084	4
IDF5NV6	HMDSLMT350	4	3.8	18291	4
IDF5NV8	HMDSLMT403	6	4	23144	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.



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

Revision History

Revision A: July 2019: Original Issue.

Revision B: July 2019: Updated refrigerant on page 1.

Revision C: August 2019: Updated format and Water Inlet Temperatures table on pages 3 and 4.

Revision D: March 2020: Updated cover image and Dimensions and Weights table on page 1.