



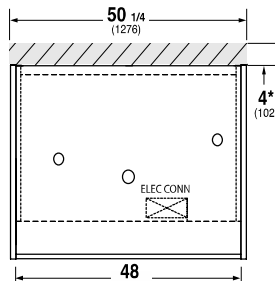
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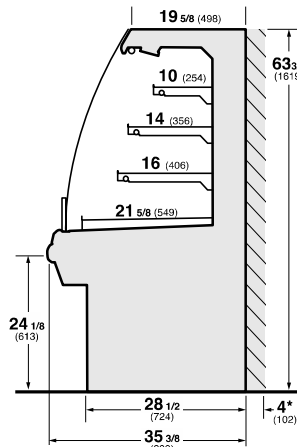
DOE 2017
Energy Efficiency
Compliant

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

IM-04-1x-S End or Combo Center Case



*MIN required air space for condenser air discharge.



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REFRIGERATION DATA:

CASE LENGTHS	CASE USAGE	CONVENTIONAL CAPACITY ** (BTU/HR/FT)	DISCHARGE AIR * (°F)	VELOCITY (FT/MIN)
3', 4', 5', 6', 8'	DELI / DAIRY	955	30-32	250-270
3', 4', 5', 6', 8'	MEAT	1335	28-30	250-270

*FRONT DISCHARGE AIR MEASURED INSIDE AIR CURTAIN HONEYCOMB

**REFRIGERATION NOTES:

- 1) CAPACITY FOR REFERENCE ONLY
- 2) 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.
- 3) NSF RATING CONDITION IS NSF TYPE II, 80°F / 55% RH

REFRIGERATION DATA CONTINUED:

CONTROLLER / AIR SENSOR SETTINGS			DEFROST TYPE	FAIL SAFE TIME (MIN)	DEFROST FREQUENCY (#/DAY)	TERM. TEMP (°F) AIR	DRIP TIME (MIN)	DEFROST WATER (LBS/DAY/FT)
USAGE	SET POINT (°F)	DIFFERENTIAL (°F)						
DELI	22	10	OFF TIME	25	4	52	NA	5.1
MEAT	18	10						

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

4) DEFROST IS BASED ON TERMINATION TEMP, WHICH UNDER NORMAL CIRCUMSTANCES, IS SHORTER THAN FAILSAFE TIME.

ELECTRICAL DATA:

STANDARD FANS, HEATERS, LED LIGHTS (115 VOLT)

CASE LENGTH	EVAPORATOR FANS					LED CANOPY LIGHTS		LED SHELF LIGHTS		MAX. LED LOAD (W/ ALL OPTIONS)		ANTI-SWEAT HEATERS		CONVENIENCE OUTLETS (OPTIONAL)		
	# OF EVAP FANS	BLADE DIA. (IN.)	BLADE PITCH (°)	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	# OUTLETS	VOLTS	AMPS
3'	1	8	20	0.3	8	0.17	19	0.20	23	0.37	42	N/A	N/A	N/A	N/A	N/A
4'	1	8	25	0.3	8	0.23	27	0.27	31	0.50	58	N/A	N/A	N/A	N/A	N/A
5'	1	8	25	0.3	8	0.30	34	0.34	39	0.63	73	N/A	N/A	N/A	N/A	N/A
6'	2	8	20	0.6	16	0.34	39	0.40	46	0.74	85	N/A	N/A	N/A	N/A	N/A
8'	2	8	25	0.6	16	0.47	54	0.54	62	1.01	116	N/A	N/A	N/A	N/A	N/A

CONDENSING UNIT AND EVAPORATIVE PANS (115 & 208V)

CASE LENGTH	CONDENSING UNIT					EVAPORATIVE PAN			EST REFG CHRGR (LBS)	NEMA PLUG
	NOM. HP	REFRIG.	HZ/PH	Volts	RLA	VOLTS	AMPS	WATTS		
3'	1/2	404A	60/1	115	10.5	115	8.3	1000	2.7	L5-30P
4'	3/4		60/1	208	6.8	240	6.3	1500	4.6	L14-20P
5'	1		60/1	208	9.3	240	6.3	1500	6.0	L14-30P
6'	1		60/1	208	10.0	240	6.3	1500	6.0	L14-30P
8'	1-3/4		60/1	208	12.6	240	6.3	1500	10.3	L14-30P
3'	1/2	448A	60/1	115	10.5	115	8.3	1000	2.7	L5-30P
4'	3/4		60/1	208	9.0	240	6.3	1500	4.6	L14-20P
5'	1		60/1	208	9.3	240	6.3	1500	6.0	L14-30P
6'	1-1/4		60/1	208	9.3	240	6.3	1500	6.0	L14-30P
8'	2		60/1	208	12.0	240	6.3	1500	10.3	L14-30P

OPTIONAL HIGH OUTPUT LED LIGHTS (115 VOLT)

CASE LENGTH	CANOPY LIGHTS H.O. LED		SHELF LIGHTS H.O. LED		MAX. H.O. LED LOAD	
	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
3'	0.21	24	0.20	23	0.41	47
4'	0.28	32	0.27	31	0.55	63
5'	N/A	N/A	N/A	N/A	N/A	N/A
6'	0.41	47	0.40	46	0.81	94
8'	0.56	64	0.54	62	1.09	126