

**SELF SERVICE DELI**

HUSMANN - Q4-SSEC (CHINO)

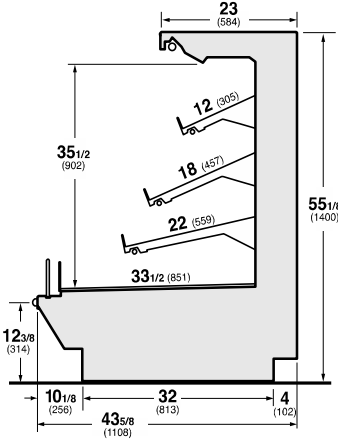
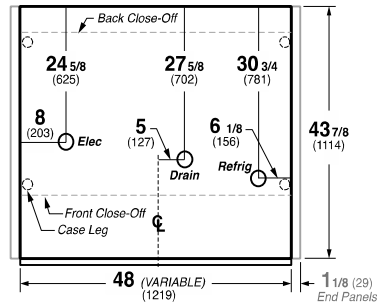
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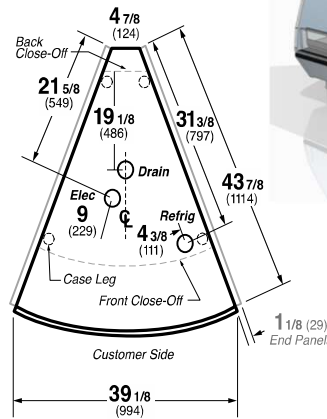
Husmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

Intertek

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Q4-SS with Extended Canopy
Multi-Deck Self-Service**Q4-SS Multi-Deck Self-Service**

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

Q4-SS 45° O/S Wedge**REFRIGERATION DATA:**

CASE LENGTHS/ WEDGES	CASE USAGE	CAPACITY *** (BTU/HR/FT) (TOTAL FOR WEDGES)		TEMPERATURE (°F)			VELOCITY TOP/STORAGE (FT/MIN)
		RATING CONDITION		EVAPORATOR		DISCHARGE AIR** (°F)	
		NSF 7	AHRI 1200	NSF 7	AHRI 1200	NSF 7	
4',5',6',8',10',12'	SS DELI	930	800	20	24	30~32	30~40
45° OS	SS DELI	3000	3000	20	24	30~32	30~40
90° OS	SS DELI	4700	4700	20	24	30~32	30~40
REAR STORAGE	SS DELI	105	90	20	24	25~29	380~600

CASE LENGTHS	EST. REFG. CHRG. (LBS)	20°F GLYCOL 6° RISE INLET TOP			
		Q4-SS		OPTIONAL REAR STORAGE	
		GPM	PSI	GPM	PSI
4'	0.3	1.3	3.5	0.1	0.1
5'	0.0	1.6	5.6	0.2	0.4
6'	0.2	1.9	7.9	0.2	0.7
8'	0.0	2.5	3.7	0.0	0.2
10'	0.0	3.1	6.3	0.3	0.5
12'	0.4	3.7	7.3	0.4	0.6
45° OS	0.5	0.9	1.3	N/A	N/A
90° OS	0.7	2.0	4.9	N/A	N/A

**FRONT DISCHARGE AIR MEASURED INSIDE AIR CURTAIN HONEYCOMB

***REFRIGERATION NOTES:

- 1) BTU'S INCLUDE CANOPY LIGHTS. ADD 10 BTUS/SHELF/FT FOR EACH SHELF (LIGHT)
- 2) AHRI 1200 RATING POINT FOR ENERGY CONSUMPTION COMPARISON ONLY
- 3) 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.
- 4) RATING CONDITION IS NSF TYPE I, 75°F / 55% RELATIVE HUMIDITY

REFRIGERATION DATA CONTINUED:

LOCATION	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 (°F)						
SELF SERVICE	SS DELI	33	30			52		6
REFRIGERATED REAR STORAGE	SS DELI	35	32	OFF TIME	30	6	N/A	0.3

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

ELECTRICAL DATA:**STANDARD FANS, HEATERS, LED LIGHTS (115 VOLT)**

CASE LENGTH	EVAPORATOR FANS				EVAPORATOR FANS: REFRIGERATED REAR STORAGE (OPTIONAL)			CANOPY LIGHTS LED		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	# OF EVAP FANS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	# OUTLETS	VOLTS	AMPS		
4'	2	6.75	25	0.2	16	1	0.3	9	0.2	27	0.3	31	0.5	58	0.2	23	N/A	N/A	N/A
5'	2	6.75	30	0.2	16	1	0.3	9	0.3	34	0.3	39	0.6	73	0.2	29	N/A	N/A	N/A
6'	4	6.75	20	0.5	32	1	0.3	9	0.3	39	0.4	46	0.7	85	0.3	34	N/A	N/A	N/A
8'	4	6.75	25	0.5	32	1	0.3	9	0.5	54	0.5	62	1.0	116	0.4	46	N/A	N/A	N/A
10'	4	6.75	30	0.5	32	1	0.3	9	0.6	68	0.7	78	1.3	146	0.5	57	N/A	N/A	N/A
12'	6	6.75	25	0.7	48	1	0.3	9	0.7	81	0.8	93	1.5	173	0.6	68	N/A	N/A	N/A
45° OS	2	6.75	TBD	0.6	48	N/A	N/A	N/A	0.0	5	0.1	13	0.2	18	0.1	17	N/A	N/A	N/A
90° OS	2	6.75	30	0.6	48	N/A	N/A	N/A	0.1	11	0.2	26	0.3	36	0.3	34	N/A	N/A	N/A

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
4'	0.3	32	0.5	56	0.8	88
5'	N/A	N/A	N/A	N/A	N/A	N/A
6'	0.4	47	0.8	93	1.2	141
8'	0.6	64	1.0	112	1.5	176
10'	N/A	N/A	N/A	N/A	N/A	N/A
12'	0.8	96	1.5	168	2.3	264
45° OS	N/A	N/A	N/A	N/A	N/A	N/A
90° OS	N/A	N/A	N/A	N/A	N/A	N/A