



## SELF-SERVICE DELI

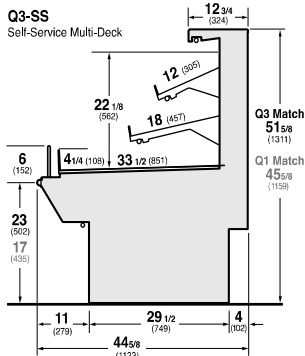
HUSSMANN - Q3-SS (CHINO)



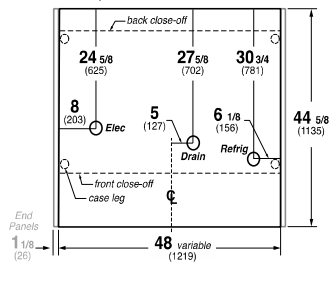
Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

REVISION DATE 01/31/17

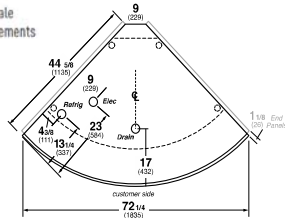
Q3-SS  
Self-Service Multi-Deck



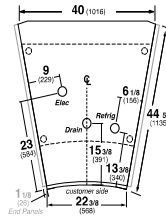
Q3-SS, -SC



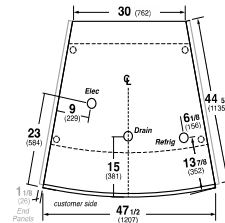
Q3-SP Series 90° O/S



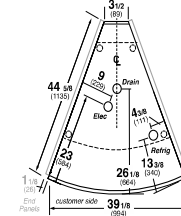
Q3-SS Series 22.5° I/S



Q3-SS Series 22.5° O/S



Q3-SS Series 45° O/S



## REFRIGERATION DATA:

CASE LENGTHS/ WEDGES	CASE USAGE	CAPACITY *** (BTU/HR/FT) (TOTAL FOR WEDGES)		TEMPERATURE (°F)			VELOCITY (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	850	850	20	20	28-32	150-200
4',5',6',8',10',12'	MEAT	880	850	18	20	26-30	150-200
22.5° IS	SS DELI	2700	2700	20	20	28-32	150-200
22.5° OS	SS DELI	2600	2600	20	20	28-32	150-200
45° IS	SS DELI	1610	1610	20	20	28-32	150-200
45° OS	SS DELI	1376	1376	20	20	28-32	150-200
90° OS	SS DELI	3200	3200	20	20	28-32	150-200
REAR STORAGE	SS DELI	100	90	20	26	30-34	380-600

CASE LENGTHS	EST. REFG. CHRG. 404A (LBS)	GLYCOL (20°F INLET, 6° RISE)		GLYCOL (20°F INLET, 6° RISE)	
		FRONT		REAR STORAGE	
		GPM	PSI	GPM	PSI
4'	0.5	1.3	3.4	0.1	0.0
5'	0.7	1.6	5.4	0.2	0.1
6'	0.7	1.9	7.7	0.2	0.2
8'	1.0	2.5	3.5	0.3	0.4
10'	1.4	3.0	6.2	0.3	0.6
12'	1.5	3.6	7.1	0.4	0.8
22.5° IS	0.3	0.9	1.7	N/A	N/A
22.5° OS	0.3	0.8	1.6	N/A	N/A
45° IS	0.3	0.5	0.8	N/A	N/A
45° OS	0.2	0.4	0.4	N/A	N/A
90° OS	0.3	1.0	2.0	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% RH.

## 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)	CUT OUT (°F)					
SELF SERVICE	SS DELI	30	27	OFF TIME	30	48	N/A	9.1
SELF SERVICE	MEAT	28	25					10.3
REAR STORAGE	DELI	35	32					0.7

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					REFRIGERATED REAR STORAGE (OPTIONAL) EVAP FANS			CANOPY LIGHTS LED		OPTIONAL LED SHELF LIGHTS		MAX. LED LOAD (W/ ALL OPTIONS)		ANTI-SWEAT HEATERS (ON FAN CIRCUIT)		CONVENIENCE OUTLETS (OPTIONAL)		
	# OF EVAP FANS	BLADE DIA. (IN.)	BLADE PITCH (°)	AMPS	WATTS	# OF EVAP FANS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	# OUTLETS	VOLTS	AMPS
4'	2	6.7	25	0.2	16	1	0.3	9	0.1	10	0.2	21	0.3	31	N/A	N/A	N/A	N/A	N/A
5'	2	6.7	20	0.2	16	1	0.3	9	0.1	13	0.1	13	0.2	26	N/A	N/A	N/A	N/A	N/A
6'	3	6.7	25	0.4	24	1	0.3	9	0.1	15	0.1	15	0.3	31	N/A	N/A	N/A	N/A	N/A
8'	4	6.7	25	0.5	32	1	0.3	9	0.2	21	0.2	21	0.4	41	N/A	N/A	N/A	N/A	N/A
10'	4	6.7	20	0.5	32	1	0.3	9	0.2	26	0.2	26	0.5	52	N/A	N/A	N/A	N/A	N/A
12'	6	6.7	25	0.7	48	1	0.3	9	0.3	31	0.2	21	0.4	51	N/A	N/A	N/A	N/A	N/A
22.5° IS	1	6.7	15	0.1	8	N/A	N/A	N/A	0.1	8	0.0	4	0.1	12	N/A	N/A	N/A	N/A	N/A
22.5° OS	2	6.7	25	0.2	16	N/A	N/A	N/A	0.1	8	0.1	10	0.2	18	N/A	N/A	N/A	N/A	N/A
45° OS	1	6.7	25	0.1	8	N/A	N/A	N/A	0.0	4	0.0	4	0.1	8	N/A	N/A	N/A	N/A	N/A
45° IS	1	6.7	25	0.1	8	N/A	N/A	N/A	0.0	4	0.1	7	0.1	11	N/A	N/A	N/A	N/A	N/A
90° OS	3	6.7	20	0.4	24	N/A	N/A	N/A	0.0	4	0.1	14	0.2	18	N/A	N/A	N/A	N/A	N/A

## OPTIONAL HIGH OUTPUT LED LIGHTS (115 VOLT)

CASE LENGTH	CANOPY LIGHTS H.O. LED		OPTIONAL SHELF		MAX. H.O. LED LOAD	
	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
4'	0.1	15	0.3	30	0.4	46
5'	N/A	N/A	N/A	N/A	N/A	N/A
6'	0.2	26	0.2	26	0.5	52
8'	0.3	30	0.3	30	0.5	61
10'	N/A	N/A	N/A	N/A	N/A	N/A
12'	0.4	46	0.3	30	0.7	76
22.5° IS	N/A	N/A	N/A	N/A	N/A	N/A
22.5° OS	N/A	N/A	N/A	N/A	N/A	N/A
45° OS	N/A	N/A	N/A	N/A	N/A	N/A
45° IS	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