

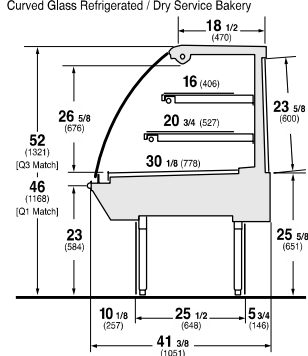


SERVICE BAKERY
HUSSMANN - Q3-BC/BS (CHINO)

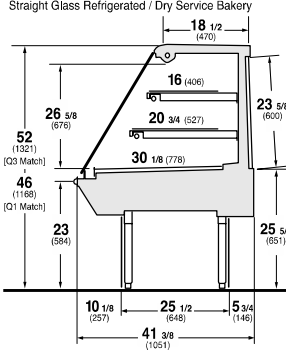


Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

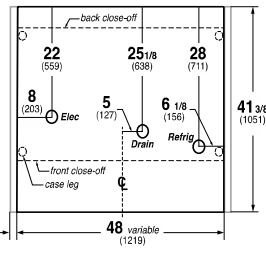
Q3-BC-R/D



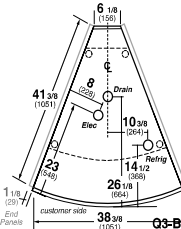
Q3-BS-R/D



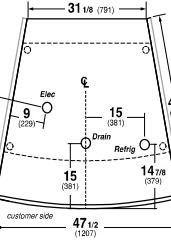
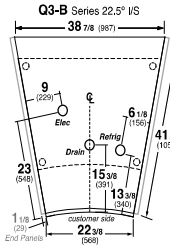
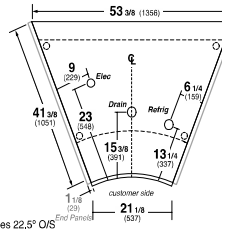
Q3-BC/S-R/D



Q3-B Series 45° O/S



Q3-B Series 45° I/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'	DELI / BAKERY	520	470	20	25	24~27	375~425
22.5° IS	DELI / BAKERY	1220	1220	20	25	24~27	375~425
22.5° OS	DELI / BAKERY	1955	1955	20	25	24~27	375~425
45° IS	DELI / BAKERY	1380	1380	20	25	24~27	375~425
45° OS	DELI / BAKERY	1355	1355	20	25	24~27	375~425

CASE LENGTHS	EST. REFG. CHRG. 404A (LBS)	GLYCOL (20°F INLET, 6° RISE)	
		GPM	PSI
4'	0.4	0.7	1.8
5'	0.5	0.9	2.8
6'	0.6	1.1	4.1
8'	0.8	1.4	1.9
10'	0.9	1.7	3.3
12'	1.3	2.1	3.9
22.5° IS	0.3	0.4	0.6
22.5° OS	0.3	0.6	1.1
45° IS	0.3	0.4	0.7
45° OS	0.3	0.4	0.4

**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 1, 75°F/55% RELATIVE HUMIDITY.

REFRIGERATION DATA CONTINUED:

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)						
DELI / BAKERY	27	24	OFF TIME	40	3	45	N/A	1.57

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					AIR SWEEP FANS				CANOPY LIGHTS LED		OPTIONAL LED SHELF LIGHTS		MAX. LED LOAD (W/ ALL OPTIONS)		ANTI-SWEAT HEATERS	
	# OF EVAP FANS	BLADE DIA. (IN.)	BLADE PITCH (°)	AMPS	WATTS	# OF AIR SWEEP FANS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS
4'	2	6.75	25	0.24	16	1	0.04	5	0.13	15	0.18	21	0.31	36	1.30	150	
5'	2	6.75	25	0.24	16	2	0.08	9	0.18	21	0.23	26	0.40	47	1.65	190	
6'	4	6.75	20	0.48	32	2	0.08	9	0.23	26	0.27	31	0.49	57	1.96	225	
8'	4	6.75	25	0.48	32	2	0.08	9	0.27	31	0.36	41	0.63	72	2.09	240	
10'	4	6.75	25	0.48	32	3	0.12	14	0.36	41	0.45	52	0.81	93	3.26	375	
12'	6	6.75	25	0.72	48	3	0.12	14	0.40	46	0.54	62	0.94	108	3.91	450	
22.5° IS	1	6.75	20	0.12	8	1	0.04	5	0.09	10	0.09	10	0.17	20	0.65	75	
22.5° OS	2	6.75	20	0.24	16	1	0.04	5	0.09	10	0.13	15	0.22	25	1.04	120	
45° IS	1	6.75	25	0.12	8	1	0.04	5	0.04	4	0.13	15	0.17	20	0.65	75	
45° OS	1	6.75	10	0.12	8	1	0.04	5	0.04	4	0.09	10	0.12	14	1.09	125	

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'	0.23	26	0.26	30	0.49	56
5'	N/A	N/A	N/A	N/A	N/A	N/A
6'	N/A	N/A	N/A	N/A	N/A	N/A
8'	0.45	52	0.53	61	0.98	113
10'	N/A	N/A	N/A	N/A	N/A	N/A
12'	0.68	78	0.79	91	1.47	169
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° IS	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

CASE LENGTH	CONVENIENCE OUTLETS (OPTIONAL)		
	# OUTLETS	VOLTS	AMPS
4'	1	115	15
5'	1	115	15
6'	1	115	15
8'	1	115	15
10'	1	115	15
12'	2	115	30
22.5° IS	N/A	N/A	N/A
22.5° OS	N/A	N/A	N/A
45° IS	N/A	N/A	N/A
45° OS	N/A	N/A	N/A