HIGH VOLUME BLOWER MEAT SERVICE - DELI SELF SERVICE

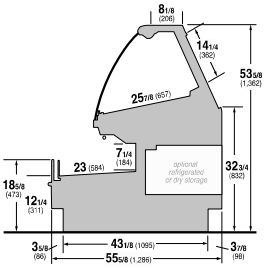
HUSSMANN - R3HV-SWD / CR3HV-SWD (CHINO)

Intertek Intertek

DOE 2012 Energy Efficiency Compliant

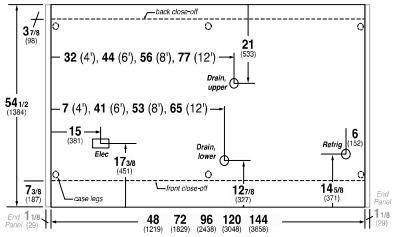
Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2012 energy efficiency standards.

CR3HV-SWD Curved Glass
High Volume Service Dome, Wide Multi-Deck Self Service



SECTION

CR3HV-SWD



PLAN

REFRIGERATION DATA:

CASE LENGTH	CASE USAGE (TOP / FRONT)	*** CAPACITY (BTU / HR TOTAL)		TEMPERATURE (°F) EVAPORATOR		UNIT SIZING*		DISCHARGE AIR TOP / FRONT		VELOCITY TOP / FRONT	EST. REFG. CHRG. ℓ	GLYCOL TOP REQUIREMENTS		GLYCOL FRONT REQUIREMENTS	
		PAR	CONV	PAR	CONV	PAR	CONV	PAR	CONV	(FT / MIN)	(LBS)	GPM	PSI	GPM	PSI
4'	MEAT / DELI	4,000	4,600	20 TOP / 20 FRONT	20 TOP / 20 FRONT	18	18	26 / 32	26 / 32	200 / 200	1.07	0.40	5.80	1.10	2.50
5'	MEAT / DELI	5,000	5,750	20 TOP / 20 FRONT	20 TOP / 20 FRONT	18	18	26 / 32	26 / 32	200 / 200	1.36	0.40	9.40	1.30	4.00
6'	MEAT / DELI	6,000	6,900	20 TOP / 20 FRONT	20 TOP / 20 FRONT	18	18	26 / 32	26 / 32	200 / 200	1.49	0.50	3.10	1.60	5.80
8'	MEAT / DELI	8,000	9,200	20 TOP / 20 FRONT	20 TOP / 20 FRONT	18	18	26 / 32	26 / 32	200 / 200	2.00	0.70	5.90	2.10	2.10
10'	MEAT / DELI	10,000	11,500	20 TOP / 20 FRONT	20 TOP / 20 FRONT	18	18	26 / 32	26 / 32	200 / 200	2.54	0.90	9.40	2.70	4.10
12'	MEAT / DELI	12,000	13,800	20 TOP / 20 FRONT	20 TOP / 20 FRONT	18	18	26 / 32	26 / 32	200 / 200	3.10	0.10	5.90	3.20	7.00

*2° F less than evaporator for pressure loss in refrigerant lines

END PANEL WIDTH KEY

# OF END PNLS	END PNL WIDTH (IN.)	TOTAL ADDED LENGTH (IN.)
1	1.13	1.13
2	1.13	2.25

LEGEND	
PAR-	PARALLEL (REMOTE)
CONV-	CONVENTIONAL (SELF-CONT)
N / A -	NOT AVAILABLE
TBD -	TO BE DETERMINED
A / S-	AIR SWEEP
EE-	ENERGY EFFICIENT FAN

REFRIGERATION DATA CONTINUED:

ELEC. THERMOSTAT / AIR SENSOR SETTINGS			EPR SETTINGS		
USAGE	CUT IN (°F) TOP / FRONT	CUT OUT (°F) TOP / FRONT	R22 (PSIG)	R404A (PSIG)	R134A (PSIG)
ST CASES	28 / 34	24 / 30	43.10	56.60	18.40

*** REFRIGERATION NOTES:

1) LISTED BTUS ARE FOR CASE WITH NO LIGHTS
2) ADD 10 BTU'S PER FOOT/PER SHELF FOR LED SHELF LIGHTS

ELECTRICAL DATA:

STANDARD FANS AND HEATERS (120 VOLT)

CASE LENGTH	# OF FANS PER CASE	TOTAL EVAPORATOR FANS EE		DRAIN PAN HEATERS		CANOPY LIGHTS LED TOP & FRONT		SHELF LIGHTS LED (OPTIONAL) EACH ROW			NOSE LIGHTS		LEDGE LIGHTS (OPTIONAL)		TOTAL LIGHTS LED INCLUDES ● 1 ROW OF SHELVES		ANTI-SWEAT HEATERS (On Evap. Fan Circuit) TOP ARM HTR'S		AIR SWEEP HTR	
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	# SHLVS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
4'	3	0.36	21.00	N / A	N / A	0.28	30.00	1	0.11	12.00	N / A	N / A	N / A	N / A	0.39	42.00	N/A	N/A	1.25	150.00
5'	4	0.48	28.00	N / A	N / A	0.42	45.00	1	0.14	15.00	N / A	N / A	N / A	N / A	0.56	60.00	N/A	N/A	1.58	190.00
6'	6	0.72	42.00	N / A	N / A	0.50	54.00	2	0.17	18.00	N / A	N / A	N / A	N / A	0.67	72.00	N/A	N/A	1.88	225.00
8'	6	0.72	42.00	N / A	N / A	0.66	72.00	2	0.22	24.00	N / A	N / A	N / A	N / A	0.89	96.00	N/A	N/A	2.50	300.00
10'	8	0.96	56.00	N / A	N / A	0.84	90.00	3	0.28	30.00	N / A	N / A	N / A	N / A	1.11	120.00	N/A	N/A	3.13	375.00
12'	10	1.20	70.00	N / A	N / A	0.99	108.00	3	0.33	36.00	N / A	N / A	N / A	N / A	1.32	144.00	N/A	N/A	3.75	450.00

ELECTRICAL DATA CONTINUED:

CASE LENGTH	CONDENSING UNIT (208V / 1 PHASE)		CONVENIENCE OUTLETS (Optional)		
	AMPS	WATTS	# OUTLETS	VOLTS	AMPS
4'	N / A	N / A	1	115	15.00
5'	N / A	N / A	1	115	15.00
6'	N / A	N / A	1	115	15.00
8'	N / A	N / A	1	115	15.00
10'	N / A	N / A	1	115	15.00
12'	N / A	N / A	2	115	30.00

DEFROST DATA:

CASE LENGTH	DEFROST TYPE	TIME (MIN.)	TERM. TEMP (°F) TOP / FRONT	DRIP TIME (MIN.)	DEFROST PER DAY	ELECTRICAL DEFROST 208V 1 PHASE		DEFROST WATER (LB / DAY) TOP / FRONT	
						AMPS	WATTS		
4'	OFF TIME	30	38 / 50	TBD	4	N / A	N / A	4.00	20.00
5'	OFF TIME	30	38 / 50	TBD	4	N / A	N / A	5.00	25.00
6'	OFF TIME	30	38 / 50	TBD	4	N / A	N / A	6.00	30.00
8'	OFF TIME	30	38 / 50	TBD	4	N / A	N / A	8.00	40.00
10'	OFF TIME	30	38 / 50	TBD	4	N / A	N / A	10.00	50.00
12'	OFF TIME	30	38 / 50	TBD	4	N / A	N / A	12.00	60.00

OPTIONS/NOTES:

1) GFCI receptacles are optional and are furnished with case when ordered
2) Metallic in-use cover shipped loose - installed in field
3) Estimate Refrigerant Charge (LBS) base on 404A ℓ
4) Standard LED ❶