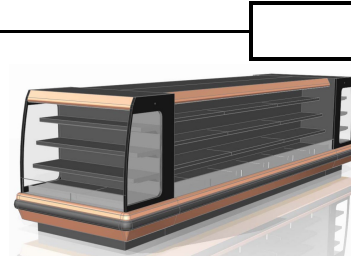




IM-04-XN-R

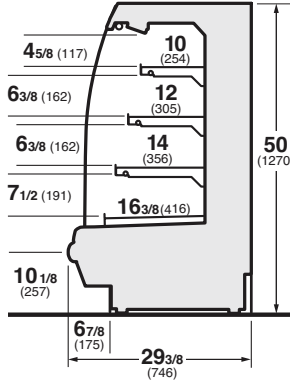
MEDIUM TEMP MULTI-DECK ISLAND TYPE II CONDITIONS-PRELIMINARY  
Isla - IM-04-(EN or CN)(XX)-R CASE MODULES (ISLA)(CHINO)

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.

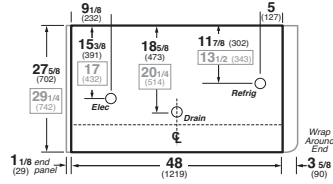


IM-04-NR

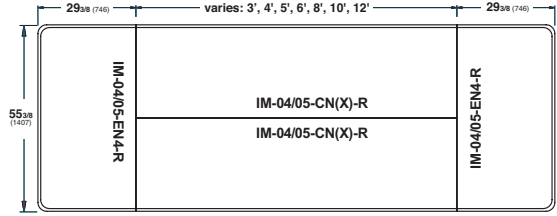
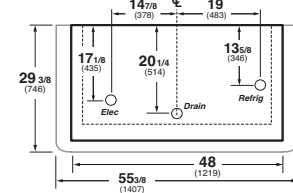
Isla Narrow Multi-Deck Self-Service



IM-C-NR Center Module / IM-I-NR In-line Module



IM-E-NR End Module



REFRIGERATION DATA:

MODULE LENGTH	CASE USAGE	CAPACITY *** (BTUHR/TOTAL)	TEMPERATURE (°F)								VELOCITY			EST. REFG. CHRG. (LBS)		GLYCOL REQUIREMENTS		PAR- PARALLEL CONV- CONVENTIONAL
			EVAPORATOR***				UNIT SIZING*				DISCHARGE AIR (TS LIGHTS DELI, LED'S MEAT)			GPM	PSI	N/A - NOT AVAILABLE TBD - TO BE DETERMINED MODULE NOMENCLATURE KEY: IM = ISLA MODULE 04 = 50" HIGH E or C = END OR CENTER CASE (XX) = (MODULE LENGTH IN FEET) R = REFRIGERATED SELF SERVICE MULTIDECK EXAMPLE: MODULE 50" HIGH, END 5" WIDE, REFRIGERATED SELF SERVICE MULTI-DECK		
			PAR	CONV	UNLIGHTED	T5 LIGHTED	L.E.D. LIGHTED	UNLIGHTED	T5 LIGHTED	L.E.D. LIGHTED	PAR	CONV	(FT/MIN)					
3'	DELI/DAIRY	3600	4140	22	NA	21	20	NA	19	30	30	200-225	1.4	1.0	1.6			
4'	DELI/DAIRY	4800	5520	22	NA	21	20	NA	19	30	30	200-225	1.9	1.3	2.8			
5'	DELI/DAIRY	6000	6900	22	NA	21	20	NA	19	30	30	200-225	2.3	1.7	4.4			
6'	DELI/DAIRY	7200	8280	22	NA	21	20	NA	19	30	30	200-225	2.8	2.0	2.1			
8'	DELI/DAIRY	9600	11040	22	NA	21	20	NA	19	30	30	200-225	3.7	2.7	3.6			
10'	DELI/DAIRY	12000	13800	22	NA	21	20	NA	19	30	30	200-225	4.6	3.4	5.4			
12'	DELI/DAIRY	14400	16560	22	NA	21	20	NA	19	30	30	200-225	5.6	4.0	4.4			

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

\*\*\*\*REFRIGERATION DATA CONTINUED:

ELEC. THERMOSTAT / AIR SENSOR SETTINGS		EPR SETTINGS			CONVENTIONAL COMPRESSOR SETTINGS						
USAGE	CUT IN (°F)	CUT OUT (°F)	R22 (PSIG)	R404A (PSIG)	R407A (PSIG)	R22		R404A		R407A	
						CUT IN (PSI)	CUT OUT (PSI)	CUT IN (PSI)	CUT OUT (PSI)	CUT IN (PSI)	CUT OUT (PSI)
DELI/DAIRY	28.0	26.0	45.4	58.3	44.7	40.0	10.0	40.0	10.0	40.0	10.0

\*\*\* REFRIGERATION NOTES:

- 1) TEST CONDITIONS: 80°F/55% RH
- 2) SUBJECT TO CHANGE BASED ON DESIGN CHANGES
- 3) ADD 10 BTU'S PER FOOT/PER SHELF OR CANOPY FOR OPTIONAL LED LIGHTS

\*\*\*\* REFRIGERATION NOTES CONT:

- 4) SPECS DO NOT INCLUDE LIGHTS

ELECTRICAL DATA:

LIGHTING: 120V INPUT VOLTAGE

STANDARD FANS AND HEATERS (120 VOLT)

MODULE LENGTH	# EVAP. FANS	TOTAL STANDARD FANS		TOTAL EE FANS		T5 CANOPY LIGHTS (DELI ONLY)		L.E.D. CANOPY LIGHTS		# ROWS	T5 SHELF LIGHTS (DELI ONLY)		L.E.D. SHELF LIGHTS		T5 TOTAL LIGHTS (DELI ONLY)		L.E.D. TOTAL LIGHTS		ANTI-SWEAT HEATERS (On Fan Circuit) GLASS HEATERS		AIR SWEEP HEATER	
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
3'	1	N/A	N/A	0.30	18.0	N/A	N/A	0.08	9.0	3	N/A	N/A	0.24	27.0	N/A	N/A	0.32	36.0	N/A	N/A	N/A	N/A
4'	1	N/A	N/A	0.30	18.0	N/A	N/A	0.11	12.0	3	N/A	N/A	0.33	36.0	N/A	N/A	0.44	48.0	N/A	N/A	N/A	N/A
5'	1	N/A	N/A	0.30	18.0	N/A	N/A	0.14	15.0	3	N/A	N/A	0.42	45.0	N/A	N/A	0.56	60.0	N/A	N/A	N/A	N/A
6'	2	N/A	N/A	0.60	36.0	N/A	N/A	0.17	18.0	3	N/A	N/A	0.51	54.0	N/A	N/A	0.68	72.0	N/A	N/A	N/A	N/A
8'	2	N/A	N/A	0.60	36.0	N/A	N/A	0.22	24.0	3	N/A	N/A	0.66	72.0	N/A	N/A	0.88	96.0	N/A	N/A	N/A	N/A
10'	2	N/A	N/A	0.60	36.0	N/A	N/A	0.28	30.0	3	N/A	N/A	0.84	90.0	N/A	N/A	1.12	120.0	N/A	N/A	N/A	N/A
12'	3	N/A	N/A	0.90	54.0	N/A	N/A	0.33	36.0	3	N/A	N/A	0.99	108.0	N/A	N/A	1.32	144.0	N/A	N/A	N/A	N/A

ELECTRICAL DATA CONTINUED:

MODULE LENGTH	CONDENSING UNIT 208V 1 PHASE		CONVENIENCE		OUTLETS
	AMPS	WATTS	#OUTLETS	VOLTS	AMPS
3'	N/A	N/A	N/A	N/A	N/A
4'	N/A	N/A	N/A	N/A	N/A
5'	N/A	N/A	N/A	N/A	N/A
6'	N/A	N/A	N/A	N/A	N/A
8'	N/A	N/A	N/A	N/A	N/A
10'	N/A	N/A	N/A	N/A	N/A
12'	N/A	N/A	N/A	N/A	N/A

DEFROST DATA:

MODULE LENGTH	DEFROST TYPE	TIME (MIN.)	TERM. TEMP (°F) COIL ONLY	DRIP TIME (MIN.)	DEFROST PER DAY	ELECTRICAL DEFROST 208V 1 PHASE		DEFROST WATER (LB/DAY)
						AMPS	WATTS	
3'	OFF TIME	20	48	N/A	6	N/A	N/A	39
4'	OFF TIME	20	48	N/A	6	N/A	N/A	52
5'	OFF TIME	20	48	N/A	6	N/A	N/A	65
6'	OFF TIME	20	48	N/A	6	N/A	N/A	78
8'	OFF TIME	20	48	N/A	6	N/A	N/A	104
10'	OFF TIME	20	48	N/A	6	N/A	N/A	130
12'	OFF TIME	20	48	N/A	6	N/A	N/A	156

OPTIONS/NOTES:

- Single point mechanical connections
- TX valves
- Liquid Hand Valves
- Standard Shelves: Upper Shelf 12"; Bottom Shelf 16"

- Standard 50" height
- Black bumper and black interior
- PTM