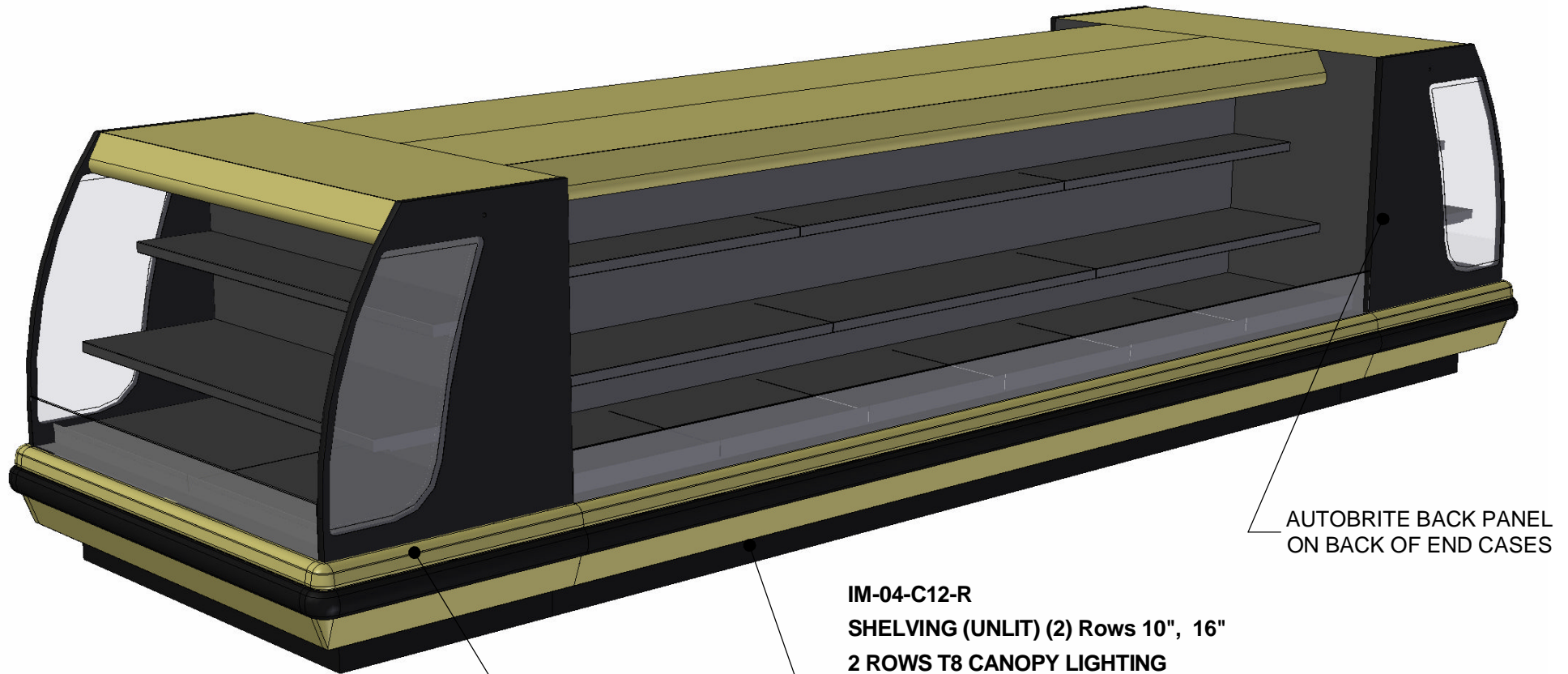




STORE: KROGER  
LOCATION: CONCEPT



**IM-04-E5-R**  
**SHELVING (Unlit) (2) Rows 10", 16"**  
**2 ROW T8 CANOPY LIGHTING**  
**BLACK INTERIOR**  
**SPECIAL " LIMITED VIEW" ENDS**

PARTIAL VIEW END  
THERMO PANE

**IM-04-C12-R**  
**SHELVING (UNLIT) (2) Rows 10", 16"**  
**2 ROWS T8 CANOPY LIGHTING**  
**BLACK INTERIOR**

BLACK IMPACT BUMPER  
CONTINUOUS Full Perimeter

AUTOBRITE BACK PANEL  
ON BACK OF END CASES



**DOE 2012**  
**Energy Efficiency**  
**Compliant**

REVISIONS	DATE	BY
T8 Lights	5/22/12	RDS

CASE DESCRIPTION: ISLA 18' Medium Temp Island  
Two Rows of Shelves  
APPROVAL DATE:  
APPROVAL SIGNATURE:

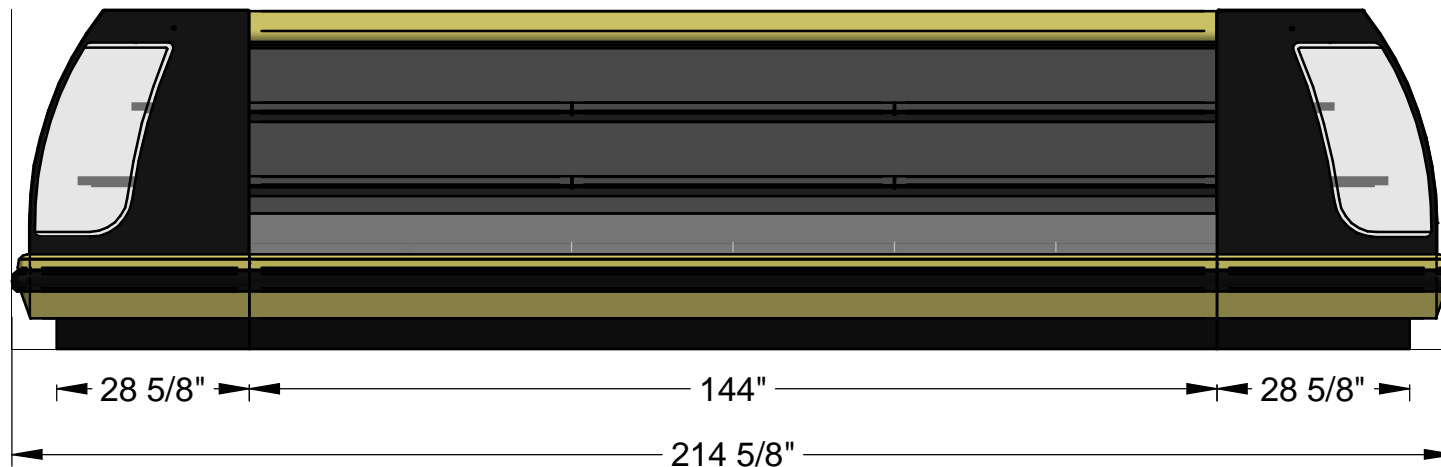
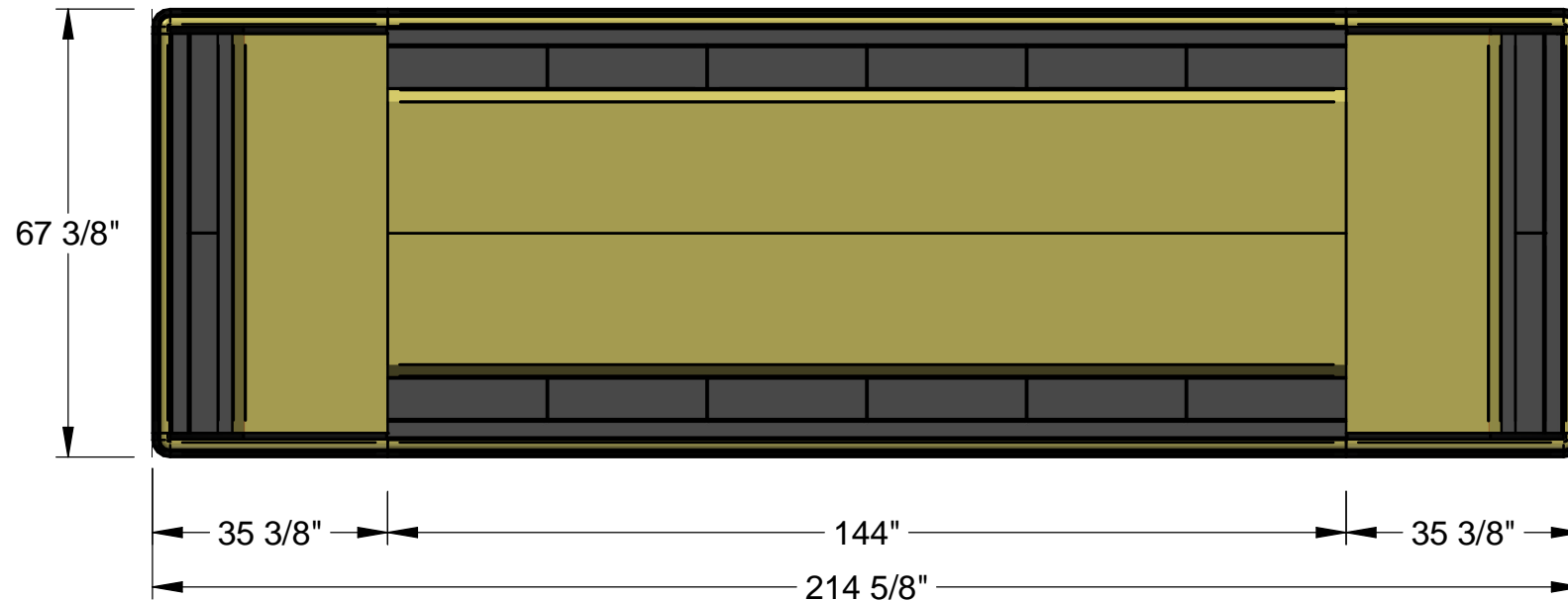
DATE: 3/05/12  
SCALE:  
DRAWN BY: RDS  
SALES PERSON:

**HUSSmann®**

LIC. #644406 Hussmann Corporation  
13770 Ramona Avenue  
Chino, CA 91710 (909) 590-4910



STORE: KROGER  
LOCATION: CONCEPT



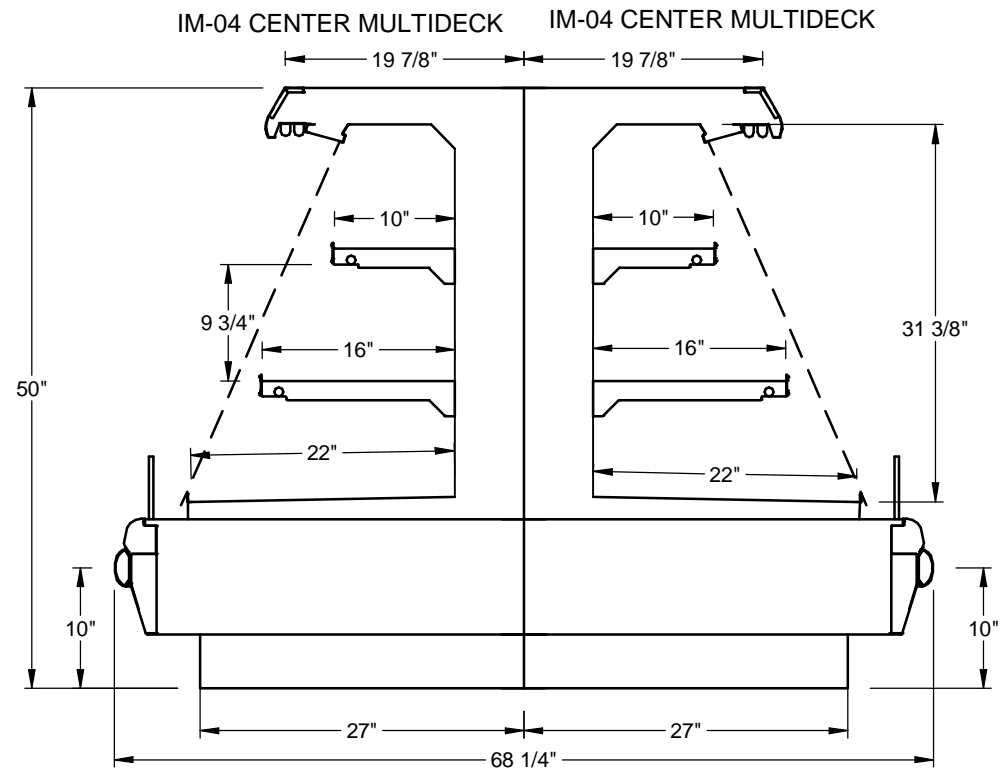
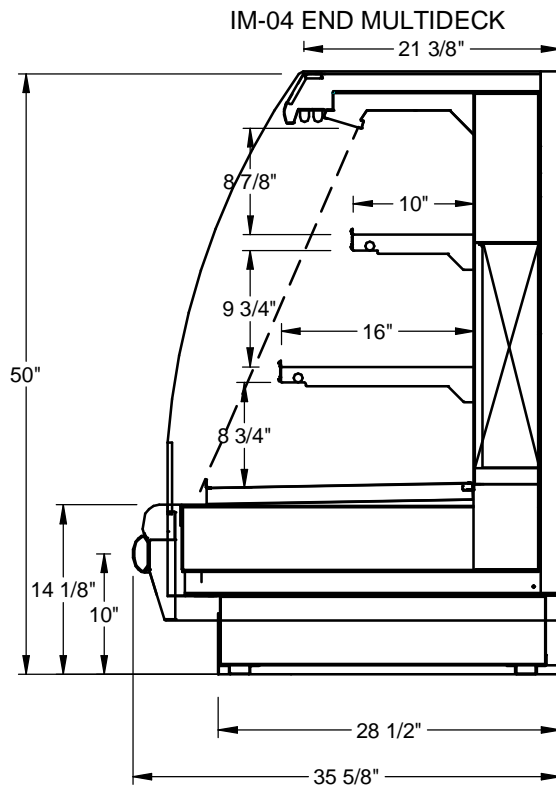
REVISIONS	DATE	BY
▲ T8 Lights	5/22/12	RDS
▲		
▲		
▲		
▲		

CASE DESCRIPTION:	ISLA 18' Medium Temp Island	DATE:	3/05/12
	Two Rows of Shelves	SCALE:	
APPROVAL DATE:		DRAWN BY:	RDS
APPROVAL SIGNATURE:		SALES PERSON:	

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Chino, CA 91710



STORE: KROGER  
LOCATION: CONCEPT



REVISIONS	DATE	BY
T8 Lights	5/22/12	RDS

CASE DESCRIPTION: ISLA 18' Medium Temp Island  
Two Rows of Shelves

APPROVAL DATE:

APPROVAL SIGNATURE:

DATE: 3/05/12

SCALE:

DRAWN BY: RDS

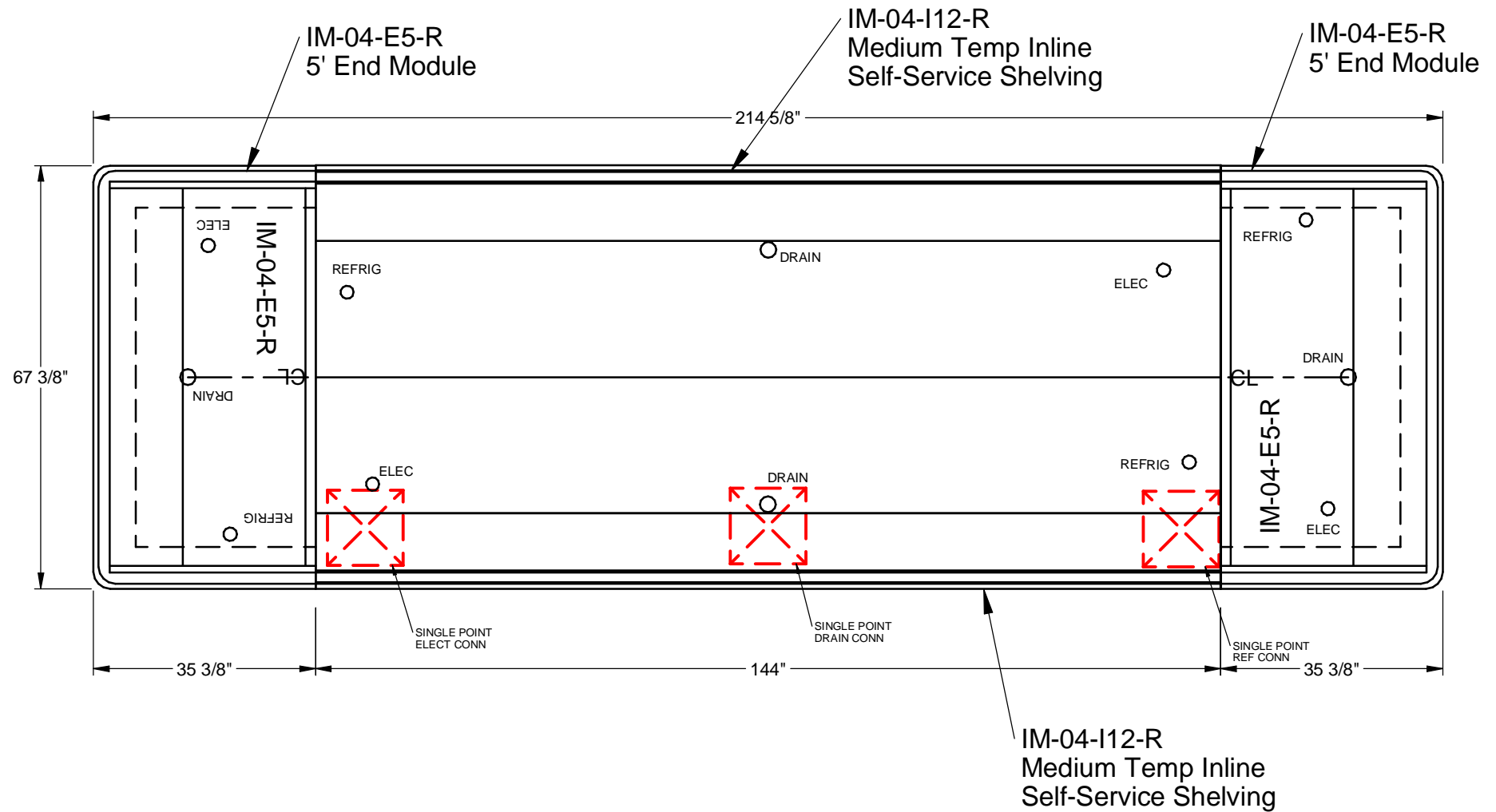
SALES PERSON:

**Husmann®**

LIC. #644406 Husmann Corporation 13770 Ramona Avenue Chino, CA 91710 (909) 590-4910



STORE: KROGER  
LOCATION: CONCEPT



REVISIONS	DATE	BY
T8 Lights	5/22/12	RDS

CASE DESCRIPTION:	ISLA 18' Medium Temp Island	DATE:	3/05/12
	Two Rows of Shelves	SCALE:	
APPROVAL DATE:		DRAWN BY:	RDS
APPROVAL SIGNATURE:		SALES PERSON:	

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# HUSSMANN® Specialty Products

## IM-04-R



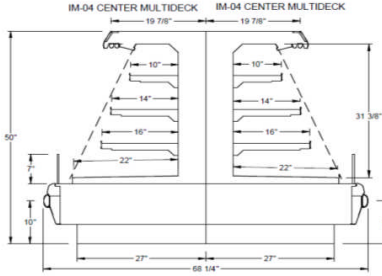
### MEDIUM TEMP MULTI-DECK ISLAND

Isla - IM-04-(E or C)(XX)-R CASE MODULES [ISLA](CHINO)

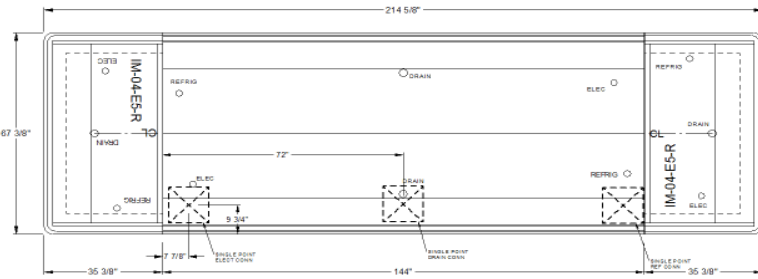
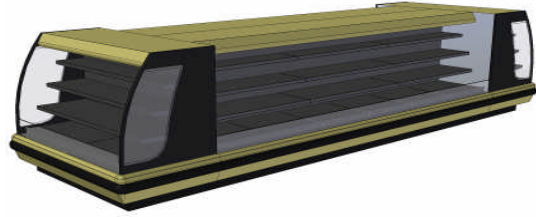
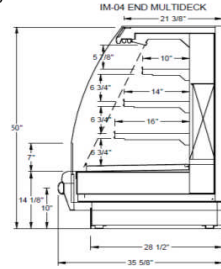
DOE 2012 Energy Efficiency Compliant

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-R



SECTION SHOWING 1" HIGHER FRONT GLASS



#### REFRIGERATION DATA:

MODULE LENGTH	CASE USAGE	CAPACITY *** (BTU/HR/TOTAL)		TEMPERATURE (°F)									VELOCITY	EST. REFG. CHRG. (LBS)	GLYCOL REQUIREMENTS		PAR- PARALLEL CONV- CONVENTIONAL	
				EVAPORATOR***			UNIT SIZING*			DISCHARGE AIR								
		PAR	CONV	UNLIGHTED SHELVES	FLOR. LIGHTED	L.E.D. LIGHTED	UNLIGHTED	FLOR. LIGHTED	L.E.D. LIGHTED	PAR	CONV	(FT/MIN)				GPM	PSI	
5'	DELI/DAIRY	3440	3956	28	24	26	26	22	24	32	32	200	2.3	1.7	4.4	N/A - NOT AVAILABLE TBD - TO BE DETERMINED		
8'	DELI/DAIRY	5504	6330	28	24	26	26	22	24	32	32	200	3.7	2.7	3.6	MODULE NOMENCLATURE KEY:		
12'	DELI/DAIRY	8256	9494	28	24	26	26	22	24	32	32	200	5.6	4.0	4.4		IM =	ISLA MODULE
5'	MEAT	4300	4945	24	22	23	22	20	21	28	28	200	2.3	1.7	4.4	04 =	50" HIGH	
8'	MEAT	6880	7912	24	22	23	22	20	21	28	28	200	3.7	2.7	3.6	E or C =	END or CENTER CASE	
12'	MEAT	10320	11868	24	22	23	22	20	21	28	28	200	5.6	4.0	4.4	(XX) =	(MODULE LENGTH IN FEET)	
																R =		
																	REFRIGERATED SELF SERVICE MULTIDECK	
																EXAMPLE	IM-04-E5-R= ISLA MODULE, 50" HIGH, END 5' WIDE, REFRIGERATED SELF SERVICE MULTIDECK	

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

#### REFRIGERATION DATA CONTINUED:

ELEC. THERMOSTAT / AIR SENSOR SETTINGS			EPR SETTINGS			CONVENTIONAL COMPRESSOR SETTINGS					
						R22		R404A		R407A	
USAGE	CUT IN (°F)	CUT OUT (°F)	R22 (PSIG)	R404A (PSIG)	R407A (PSIG)	CUT IN (PSI)	CUT OUT (PSI)	CUT IN (PSI)	CUT OUT (PSI)	CUT IN (PSI)	CUT OUT (PSI)
DELI/DAIRY	32.0	28.0	52.4	67.9	52.2	N/A	N/A	N/A	N/A	N/A	N/A
MEAT	30.0	26.0	47.6	61.1	47.1	N/A	N/A	N/A	N/A	N/A	N/A

#### \*\*\* REFRIGERATION NOTES:

- 1) TEST CONDITIONS: 75°F/55% RH
- 2) SUBJECT TO CHANGE BASED ON DESIGN CHANGES
- 3) TEST PERFORMED UNDER NSF7 PARAMETERS (ALL SIMULATORS < 41F AVG)
- 4) ADD 10 BTU'S PER FOOT/PER SHELF FOR LED LIGHTS
- 5) ADD 20 BTU'S PER FOOT/PER SHELF FOR FLUORESCENT LIGHTS

#### ELECTRICAL DATA:

MODULE LENGTH	STANDARD FANS AND HEATERS (120 VOLT)					LIGHTING: 120V INPUT VOLTAGE												ANTI-SWEAT HEATERS (On Fan Circuit)				
	# EVAP. FANS	TOTAL STANDARD FANS		TOTAL EE FANS		T8 CANOPY LIGHTS (DELI ONLY)		L.E.D. CANOPY LIGHTS		# ROWS	T8 SHELF LIGHTS (DELI ONLY)		L.E.D. SHELF LIGHTS		T8 TOTAL LIGHTS (DELI ONLY)		L.E.D. TOTAL LIGHTS		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
5'	1	N/A	N/A	0.30	18.0	1.07	116.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.07	116.0	N/A	N/A	N/A	N/A	N/A	N/A
8'	2	N/A	N/A	0.60	36.0	1.19	128.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.19	128.0	N/A	N/A	N/A	N/A	N/A	N/A
12'	3	N/A	N/A	0.90	54.0	1.78	192.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.78	192.0	N/A	N/A	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
5'	N/A	N/A	N/A	N/A	N/A
8'	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	DEFROST WATER (LB/DAY)
5'	OFF TIME	20	45	N/A	6	30
8'	OFF TIME	20	45	N/A	6	48
12'	OFF TIME	20	45	N/A	6	72