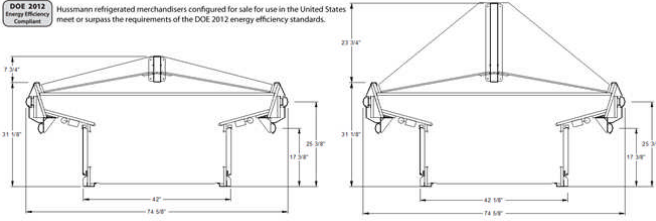
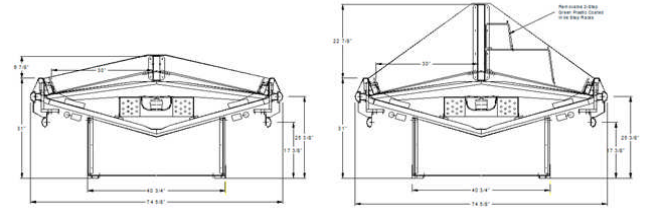


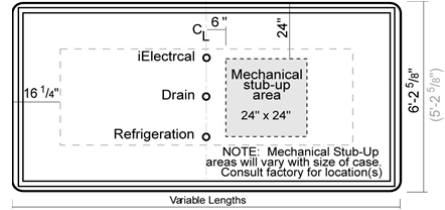
DOE 3993 Energy Efficient Complete
 Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2012 energy efficiency standards.



DSI-NON-REFRIGERATED ISLAND



DSRPI-REFRIGERATED ISLAND



REFRIGERATION DATA:

CASE LENGTH	CASE USAGE	CAPACITY (BTU/HR/TOTAL) ***		TEMPERATURE (°F)								VELOCITY (FT/MIN)	EST. REFG. CHR.G. (LBS)	GLYCOL REQUIREMENTS	
				EVAPORATOR				UNIT SIZING*		DISCHARGE AIR				GPM	PSI
				PAR	CONV	PAR	CONV	PAR	CONV	PAR	CONV				
8'	PRODUCE	6,000	6900	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
10'	PRODUCE	7,500	8625	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
12'	PRODUCE	9,000	10350	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
14'	PRODUCE	10,500	12075	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
16'	PRODUCE	12,000	13800	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
18'	PRODUCE	13,500	15525	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
20'	PRODUCE	15,000	17250	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
22'	PRODUCE	16,500	18975	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
24'	PRODUCE	18,000	20700	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
26'	PRODUCE	19,500	22425	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
28'	PRODUCE	21,000	24150	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
30'	PRODUCE	22,500	25875	18	18	16	16	36	36	50-100	N/A	TBD	TBD		
32'	PRODUCE	24,000	27600	18	18	16	16	36	36	50-100	N/A	TBD	TBD		

*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	1.125	1.125
2	1.125	2.25

LEGEND
 PAR - PARALLEL
 CONV - CONVENTIONAL
 N/A - NOT AVAILABLE
 TBD - TO BE DETERMINED

REFRIGERATION DATA CONTINUED:

ELEC. THERMOSTAT / AIR SENSOR SETTINGS	EPR SETTINGS					CONVENTIONAL COMPRESSOR SETTINGS					
	USAGE	CUT IN (°F)	CUT OUT (°F)	R22 (PSIG)	R404A (PSIG)	R22		R404A		R407A	
						CUT IN (PSI)	CUT OUT (PSI)	CUT IN (PSI)	CUT OUT (PSI)	CUT IN (PSI)	CUT OUT (PSI)
PRODUCE	TBD	TBD	TBD	TBD	TBD	40	10	40	10	40	10

***** REFRIGERATION NOTES:**

ELECTRICAL DATA:

CASE LENGTH	FANS / CASE EE	FANS AND HEATERS (120 VOLT)				LIGHTING: T-5 WITH ELECTRONIC BALLASTS 120V INPUT VOLTAGE													
		TOTAL FANS		T-5 CANOPY LIGHTS		LED CANOPY LIGHTS (OPTIONAL)		T-5 SHELF LIGHTS (OPTIONAL)			LED SHELF LIGHTS (OPTIONAL)		TOTAL T-5 LIGHTS		TOTAL LED LIGHTS		LEDGE LIGHTS (OPTIONAL)		
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	# SHLVS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	
8'	2	0.60	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
10'	3	0.90	54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
12'	4	1.20	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
14'	5	1.50	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
16'	6	1.80	108	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
18'	7	2.10	126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
20'	8	2.40	144	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
22'	9	2.70	162	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
24'	10	3.00	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
26'	11	3.30	198	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
28'	12	3.60	216	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
30'	13	3.90	234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD
32'	14	4.20	252	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	TBD	TBD

ELECTRICAL DATA CONTINUED:

CASE LENGTH	CONDENSING UNIT 208V 1 PHASE		DRAIN EVAP PAN 120V		CONVENIENCE OUTLETS (Optional)		
	AMPS	WATTS	AMPS	WATTS	# OUTLETS	VOLTS	AMPS
8'	NA	NA	NA	NA	NA	NA	NA
10'	NA	NA	NA	NA	NA	NA	NA
12'	NA	NA	NA	NA	NA	NA	NA
14'	NA	NA	NA	NA	NA	NA	NA
16'	NA	NA	NA	NA	NA	NA	NA
18'	NA	NA	NA	NA	NA	NA	NA
20'	NA	NA	NA	NA	NA	NA	NA
22'	NA	NA	NA	NA	NA	NA	NA
24'	NA	NA	NA	NA	NA	NA	NA
26'	NA	NA	NA	NA	NA	NA	NA
28'	NA	NA	NA	NA	NA	NA	NA
30'	NA	NA	NA	NA	NA	NA	NA
32'	NA	NA	NA	NA	NA	NA	NA

DEFROST DATA:

CASE 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	
8'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
10'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
12'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
14'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
16'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
18'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
20'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
22'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
24'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
26'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
28'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
30'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD
32'	OFF TIME	50	54	TBD	3	N/A	N/A	TBD

OPTIONS/NOTES: