

ELECTRICAL DATA

Case Length	Fans Per Case	High Efficiency Fans		Drain Heater		Defrost Heaters (1-Phase)				Defrost Heaters (3-Phase)			
		120 Volts		120 Volts		208 Volts		240 Volts		208 Volts		240 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
2-door	2	0.60	50.0	1.30	152	7.50	1552	8.60	2068	6.50	1552	7.50	2068
3-door	3	1.00	75.0	1.50	171	10.90	2274	12.60	3018	9.50	2274	10.90	3018
4-door	4	1.30	100.0	1.90	226	14.30	2984	16.60	3992	12.40	2984	14.40	3992
5-door	5	1.60	125.0	2.30	275	17.50	3640	20.20	4840	15.10	3640	17.40	4840
6-door	6	1.90	150.0	2.70	320	20.30	4224	23.40	5624	17.60	4224	20.30	5624

LIGHTING DATA

Case Length	LED Lighting			
	Optimax Pro		GE Immersion	
	120 Volts		120 Volts	
	Amps	Watts	Amps	Watts
2-door	0.30	39.0	0.30	32.0
3-door	0.50	58.0	0.40	48.0
4-door	0.60	77.0	0.50	64.0
5-door	0.80	96.0	0.70	80.0
6-door	1.00	115.0	0.80	96.0

ANTI-CONDENSATE DATA

Case Length	Combined Anti-Condensate Circuits											
	Anthony 101 LE Door Frame											
	ELMD, ELMH or I90 Doors											
	Heated Option (IG and Rails)				Low E (Heated Rails Only)				Individual Circuits		101-LE Door Frame	
	120 Volts		120 Volts		Heated Doors		Low E Doors					
	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts		
2-door	2.04	219	1.6	192	0.78	67	0.34	41	1.26	151		
3-door	2.93	312	2.27	272	1.17	101	0.51	61	1.76	211		
4-door	3.85	410	2.97	356	1.56	135	0.68	82	2.29	275		
5-door	4.73	502	3.63	436	1.95	168	0.85	102	2.78	334		
6-door	5.62	596	4.3	516	2.34	202	1.02	122	3.28	394		



COMPONENT

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Rev Date:	Rev #	Revision Description:
06/16/16	0	



GUIDELINES & CONTROL DATA

Application	Door	BTUH/door		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
		Conventional	Parallel				
Frozen	HEATED	910	895	3 - 5	-7	-1	350
Frozen	LOW E	892	850	3 - 5	-7	-1	350
Ice Cream	HEATED	1017	996	3 - 5	-15	-8	350
Ice Cream	LOW E	997	976	3 - 5	-15	-8	350

DEFROST DATA

Defrosts Per Day	Electric Defrost			Hot Gas Defrost		
	Fail-Safe (Min)	Termination Temp (°F)	Run-Off Time (min)	Fail-Safe (Min)	Termination Temp (°F)	Run-Off Time (min)
1	46	50	0	24	73	13-15

NOTES:

- Drain heater and fan motors share the same circuit (seperate cycles). Electrical circuits must be properly sized to accomodate the higher current draw of the tank heater.
- Defrost heater 3-phase load is unbalanced.
- 3-phase defrost heater data listed represent the maximum amps per phase.
- Data listed for Optimax Pro lighting represent the low power option. High power lights are also available.
- Anti-condensate heat values for Eliminaator represent a door with no heat on the glass.
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- If a discharge air temperature sensor is used to terminate defrost cycle, termination temperature should be set to 55°F. Temperature and defrost settings listed above are recommended start-up settings. Final operational settings may need to be adjusted for the store conditions in which the case operates.
- The recommended evaporator temperatures may need to be adjusted based on system setup, store conditions, etc. The minimum recommended evaporator temperature is 4°F below the listed evaporator temperature.
- No run-off time required for electrical defrost.
- Typical electric defrost time is 20 minutes when ambient conditions are 75°F / 55%RH.



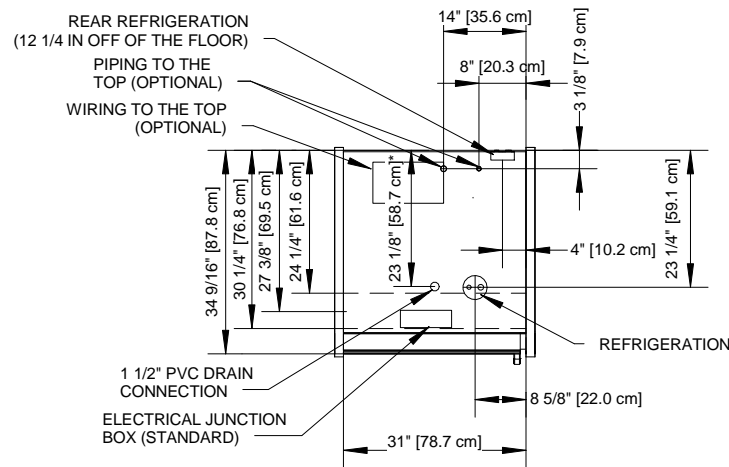
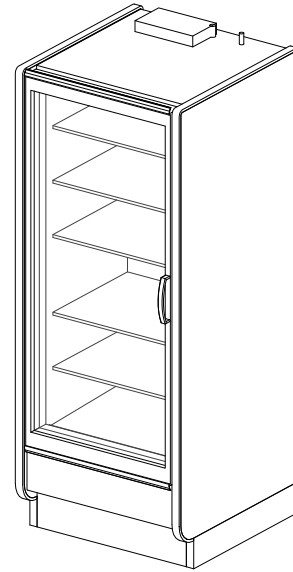
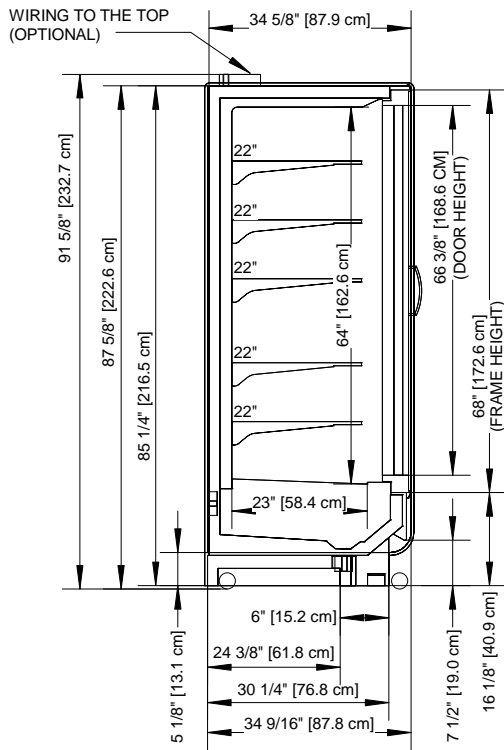
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Rev Date:	Rev #	Revision Description:
06/16/16	0	





NOTES:

- * : STUB-UP AREA
- ** : RECOMMENDED STUB-UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS

- ENDS ADD APPROXIMATELY 1" TO CASE HEIGHT, 1/2" TO THE BACK & 1" TO THE FRONT
- WIRING TO THE TOP ADDS APPROXIMATELY 4 INCHES TO CASE HEIGHT
- A 2" MINIMUM AIR GAP IS REQUIRED BETWEEN THE REAR OF THE CASE AND THE WALL
- SUCTION LINE: (4 DR OR LESS) - 1/2", SUCTION LINES (5DR & 6DR) - 5/8"
- LIQUID LINE (ALL LENGTHS)- 1/2", BOTH ELECTRIC & HOT GAS DEFROST
- AVAILABLE SHELF SIZES: SOLID SHELVES 20" & 22"
- RECOMMENDED CONFIGURATION IS (5) ROWS 20" SHELVES OR (5) ROWS 22" SHELVES



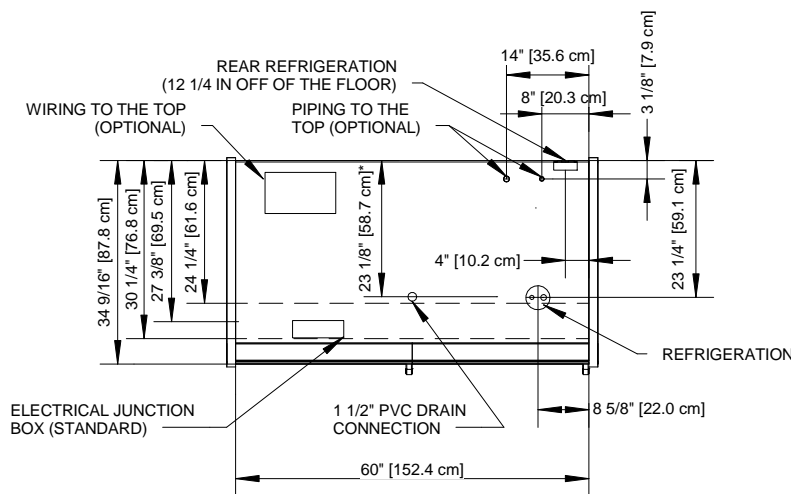
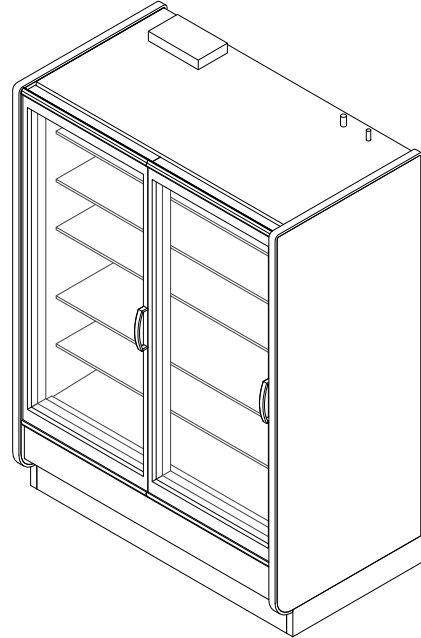
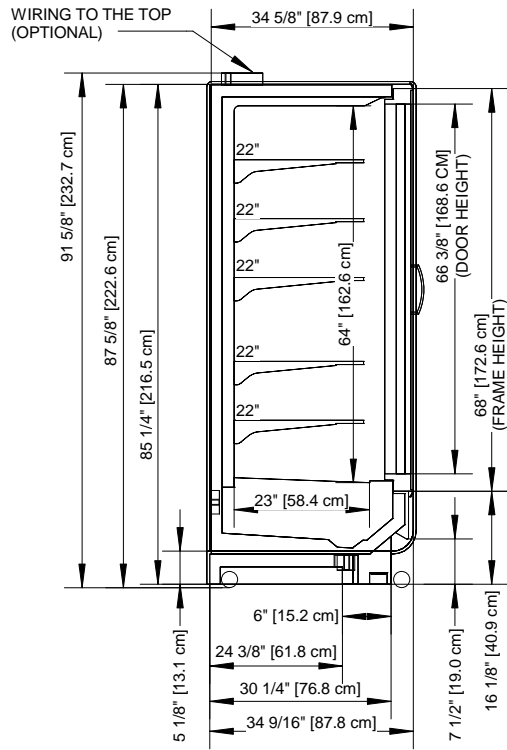
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ONRZH 1 DOOR

Rev Date:	Rev #	Revision Description:
06/16/16	0	





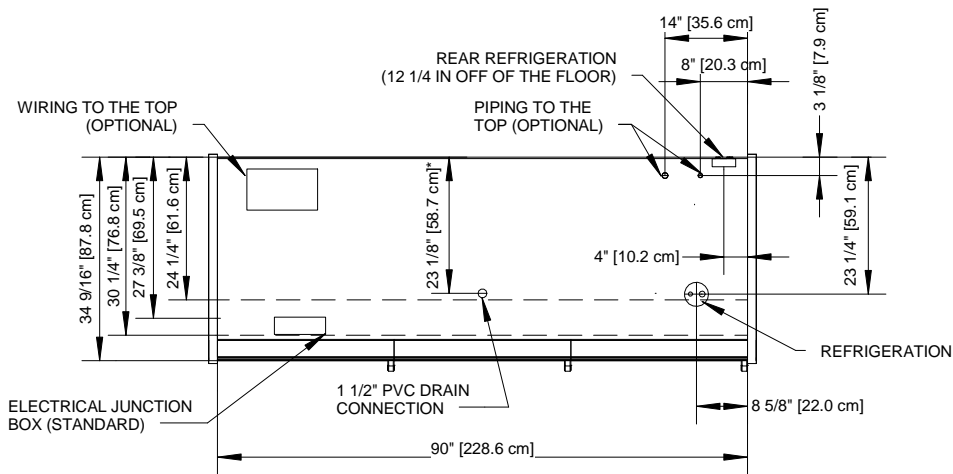
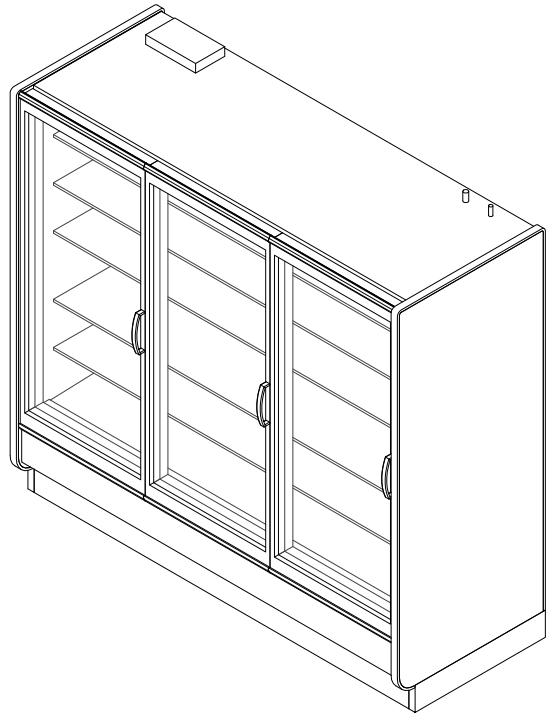
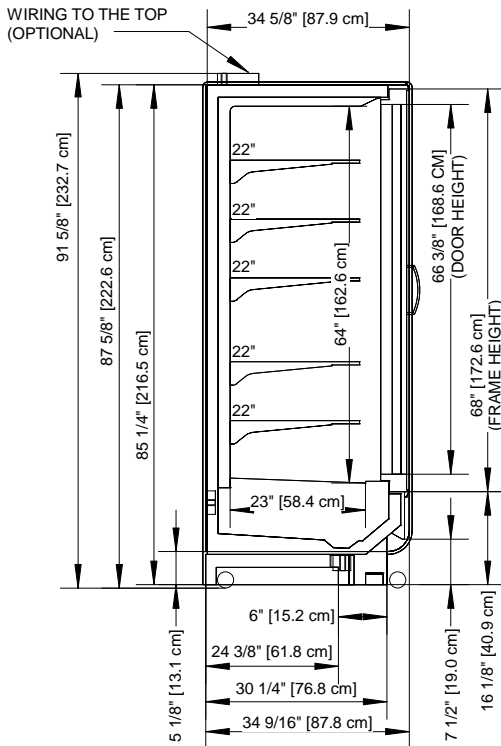
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Rev Date:	Rev #	Revision Description:
06/16/16	0	





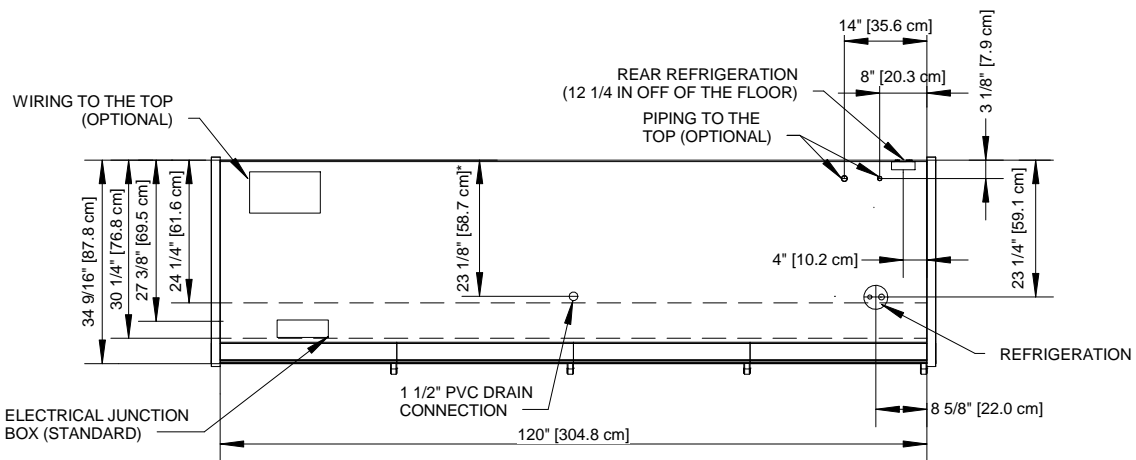
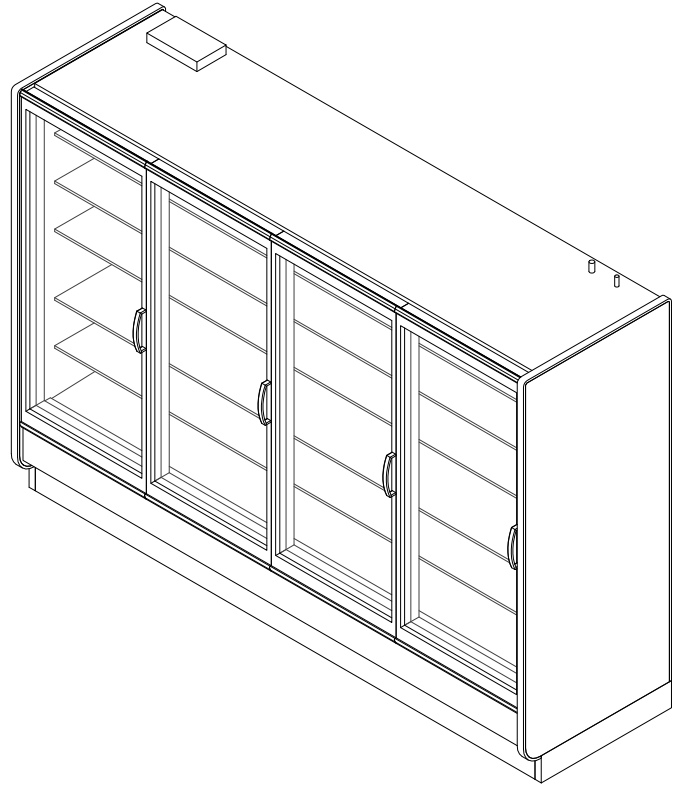
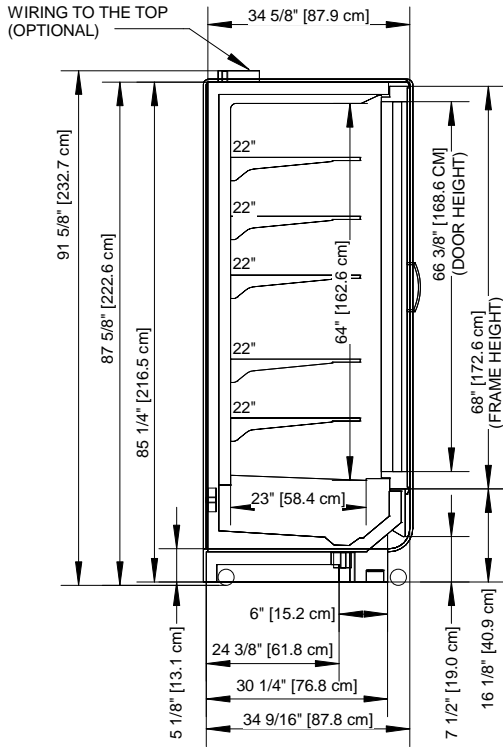
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Rev Date:	Rev #	Revision Description:
06/16/16	0	





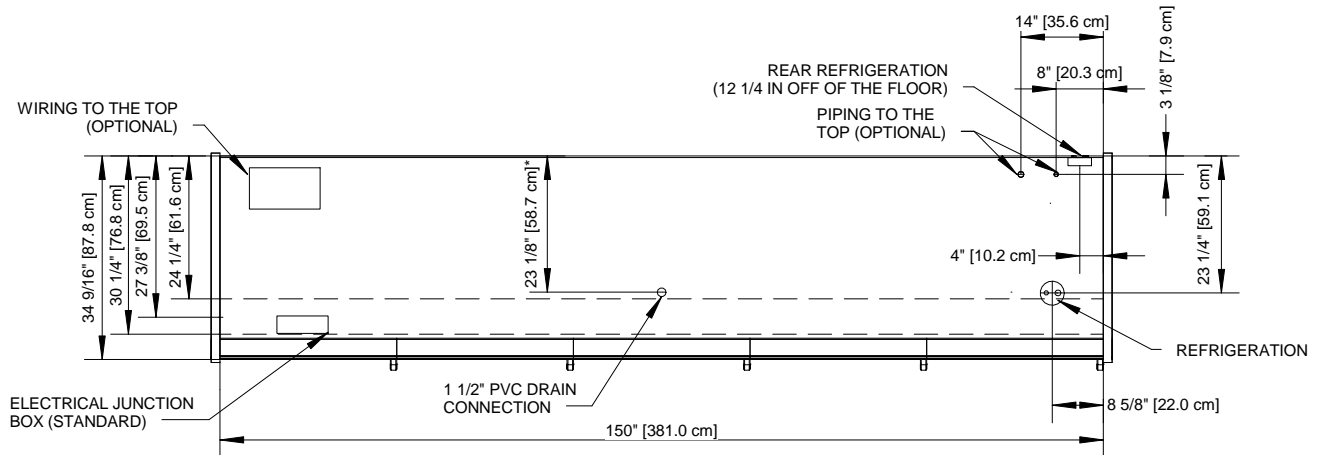
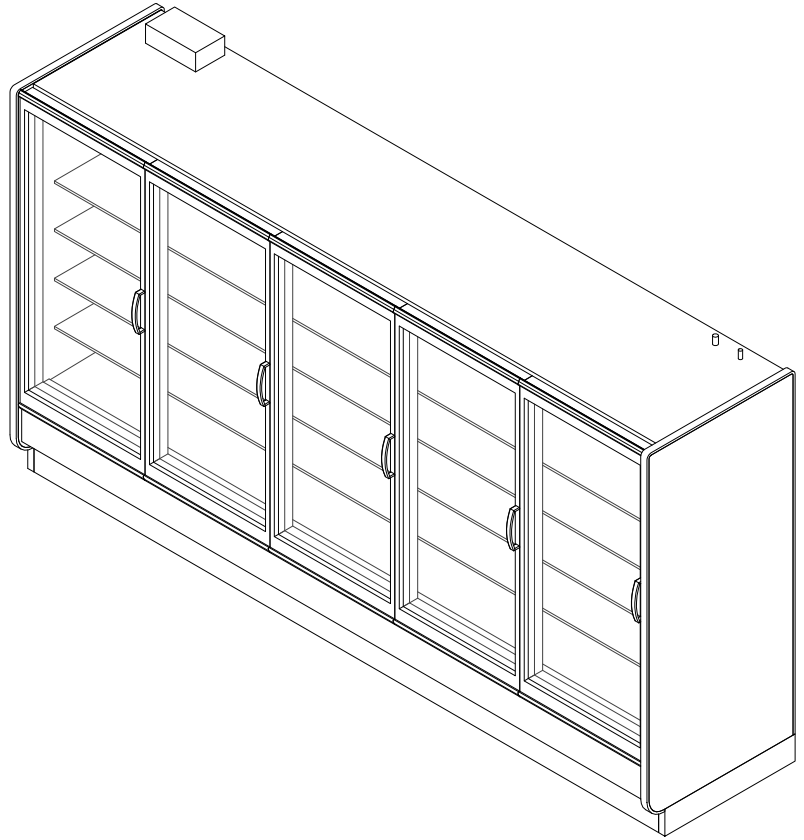
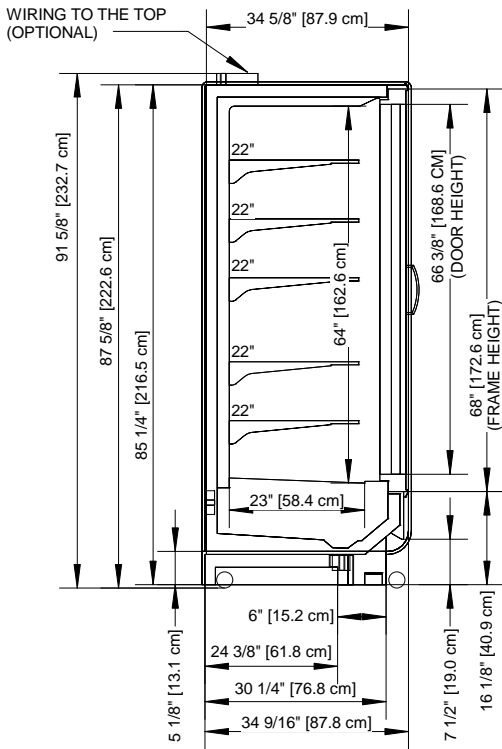
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Rev Date:	Rev #	Revision Description:
06/16/16	0	





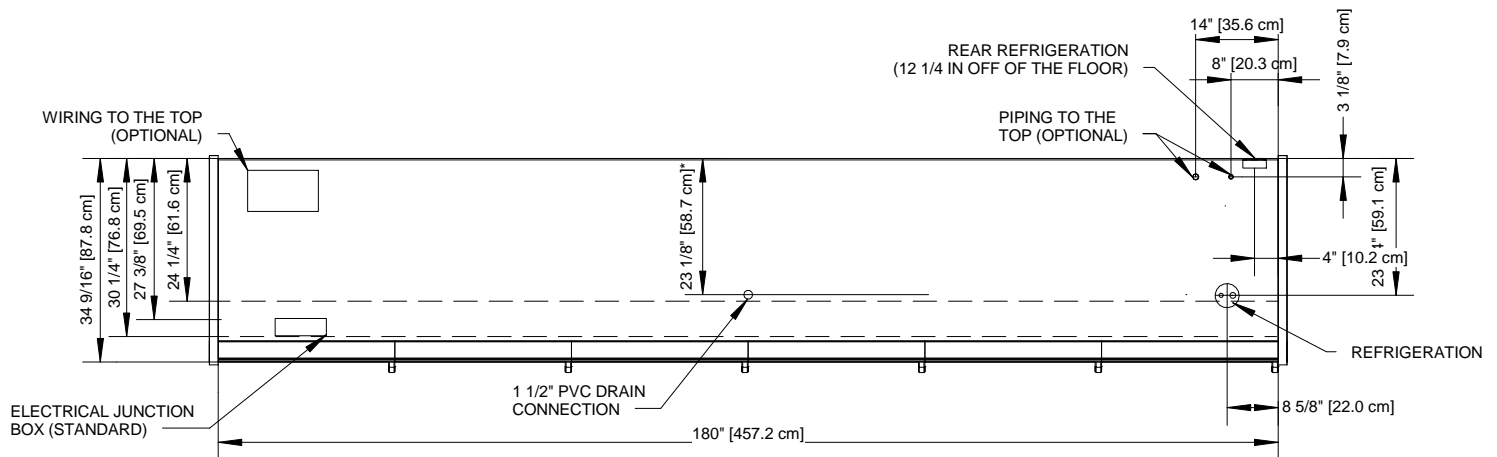
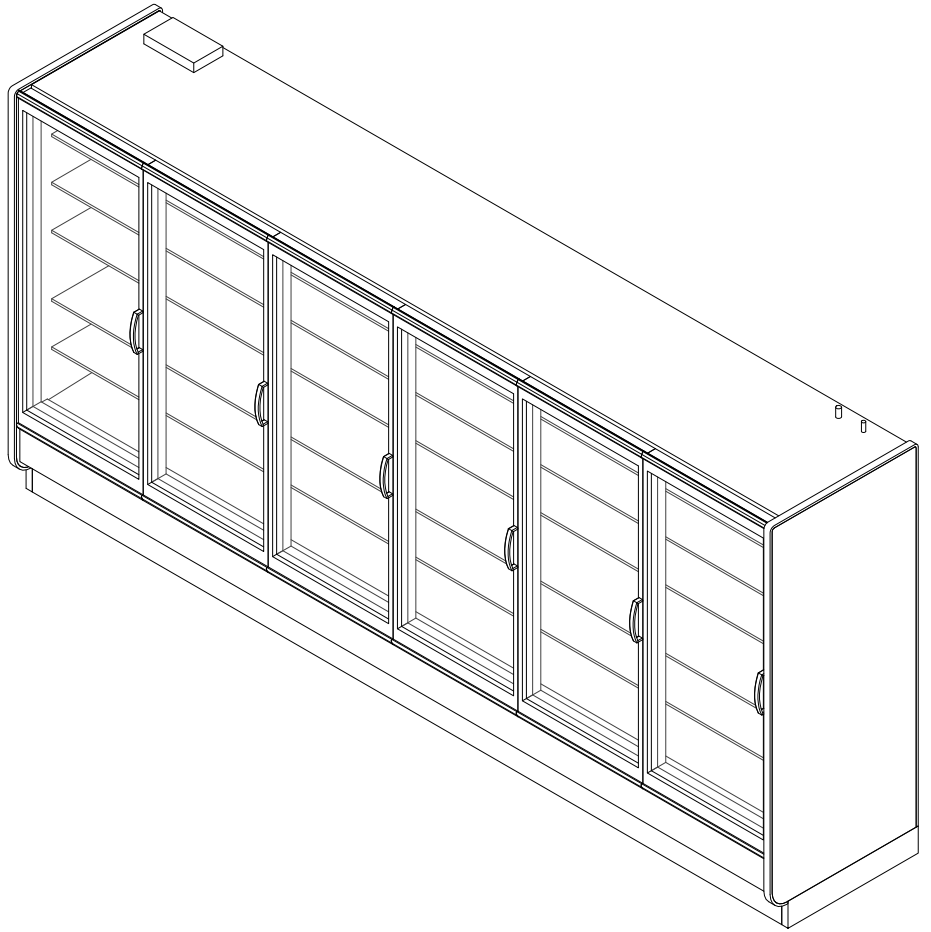
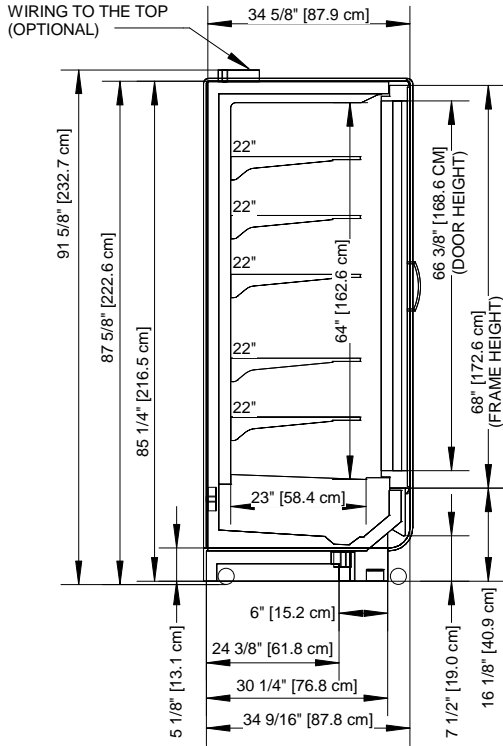
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Rev Date:	Rev #	Revision Description:
06/16/16	0	





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Rev Date:	Rev #	Revision Description:
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