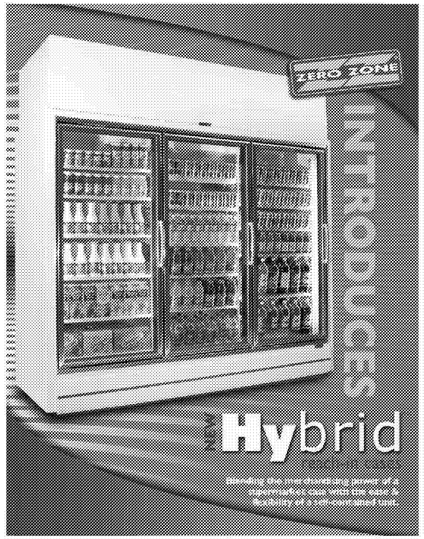
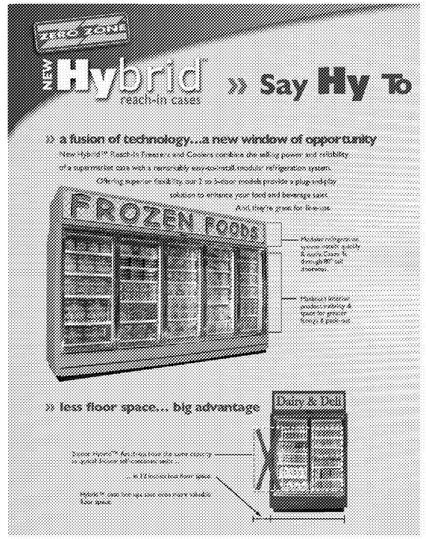


REACH-IN FREEZER/COOLER SHEET 1 OF 5



REACH-IN FREEZER/COOLER SHEET 2 OF 5

REACH-IN FREEZER/COOLER SHEET 3 OF 5

ZERO ZONE

Dollar Tree Hybrid™ Specifications

Medium and Low Temp Hybrid™ Reach-Ins: **RVCC30 & RVZC30**

Note: Effective 7/9/12, all Zero Zone, Bohn rating exemptions for shipment within the U.S. have ceased. DOE, CEC, and CEC energy requirements of "Zero Zero Hybrid" is advised and listed as a minute refrigerated display case.

PHYSICAL DATA

	Medium Temp					Low Temp Special*				
(1111)	1RVCC30	2RVCC30	3RVCC30	4RVCC30	5RVCC30	2RVZC30	3RVZC30*	4RVZC30	5RVZC30
Footage (ft²)	14.1	27.8	41.4	55.1	68.7	27.8	41.4	41.4	55.1	68.7
Packed (ft³)	28.0	55.6	82.9	110.1	137.4	55.6	82.9	82.9	110.1	137.4
Shelf Depth (in.)	24	24	24	24	24	24	24	24	24	24
Weight (lbs.)*	522	783	1,043	1,343	1,663	783	1,039	1,033	1,343	1,663

*Exact nominal weight and operating set depending on application and compressor selection.

ELECTRICAL DATA [1,2,3,4,5]

WITH CONDENSATE EVAPORATION SYSTEM
OptiMax Pro24 LED LP Lighting, Anthony EUI1 / EUI2-HR2 Doors, BSC Fan Motors

MOCP (amps)*	20	15	15	15	15	20	25	30	40	40
MCA (amps)*	14.6	8.7	9.6	12.2	14.0	25.3	21.9	24.0	28.0	32.2

ENERGY DATA

Daily Energy Use (kWh)	6.7	13.6	18.1	22.1	24.0	25.0	35.0	35.9	44.5	54.5
Projected Host (BtuH)*	950	1914	2,575	3,148	3,328	3,556	5,061	5,095	6,319	7,769

ELECTRICAL DATA [1,2,3,4,5]

WITHOUT CONDENSATE EVAPORATION SYSTEM
OptiMax Pro24 LED LP Lighting, Anthony EUI1 / EUI2-HR2 Doors, BSC Fan Motors

MOCP (amps)*	20	15	15	15	15	20	25	30	40	40
MCA (amps)*	12.5	8.2	9.2	11.2	13.0	16.9	19.4	21.5	27.2	29.2

ENERGY DATA

Daily Energy Use (kWh)	6.6	12.8	17.8	21.7	24.3	24.6	35.0	35.2	43.7	53.5
Projected Host (BtuH)*	936	1750	2,532	3,091	3,456	3,488	4,975	5,009	6,207	7,601

R-404A CHARGE

R-404A Charge (lbs.)*	3.5	5.0	5.8	6.1	7.8	5.9	5.5	7.9	7.4	8.2

REFRIGERATION

EZ Conditioning Load (k)	3693	3694	5694	5696	9696	5670	9676	9696	5691	9691
Coolers (Weight) (lbs.)	118	120	166	100	120	150	180	184	180	180

REGULATORY DATA

OptiMax Pro24 LED LP Lighting, Anthony EUI1 / EUI2-HR2 Doors, BSC Fan Motors

TDA (Total Display Area) (ft²)	12.10	24.19	36.29	48.38	60.48	24.19	36.29	36.29	48.38	60.48
CDEC (Calculated Daily Energy Consumption) (kWh/day)*	9.50	9.60	9.56	11.05	13.62	14.93	21.49	21.49	27.17	33.76

Notes:

1. HACR Circuit Ampacity (MCA) and Maximum Overcurrent Protection (MOCP) are calculated per NEC 440.22 and 440.62 for the highest rated compressor and fan motor combination.
2. Add 0.5 amps for each additional fan motor.
3. Add 0.5 amps for each additional lighting package.
4. Add 0.5 amps for each additional heater.
5. Add 0.5 amps for each additional defrost heater.

*Factory Installed System Features

- Anthony EUI1 / EUI2-HR2 Doors
- Electronic expansion valve
- Electronic evaporator fan motor speed control

Model Number Structure

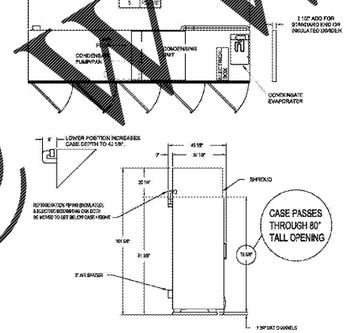
1RVCC30	1RVCC30E0000[2][3][0][0][0][0][0][0][0][0][1][1][2]
2RVCC30	2RVCC30E0844[2][3][0][0][0][0][0][0][0][1][1][1]
3RVCC30	3RVCC30E0866[2][3][0][3][0][0][0][0][0][1][1][2]
4RVCC30	4RVCC30E0866[2][3][0][3][0][0][0][0][0][1][1][2]
5RVCC30	5RVCC30E0866[2][3][0][3][0][0][0][0][0][1][1][2]
2RVZC30	2RVZC30E0[3][3][0][3][0][0][0][0][0][0][1][1][1]
3RVZC30	3RVZC30E0[3][3][0][3][0][0][0][0][0][0][1][1][2]
4RVZC30	4RVZC30E0[3][3][0][3][0][0][0][0][0][0][1][1][2]
5RVZC30	5RVZC30E0[3][3][0][3][0][0][0][0][0][0][1][1][2]

2/2/16

ZERO ZONE

Dollar Tree Hybrid™ Specifications

Medium and Low Temp Hybrid™ Reach-Ins: **RVCC30 & RVZC30**



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Specifications are subject to change without notice.
Cases designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.

EVOLUTION

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mark	date	by	description
			revisions

FOR INFORMATION ONLY

project: REFRIGERATION SPECIFICATIONS

drawing: REACH-IN UNITS DETAILS AND SPECIFICATIONS

DS1

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