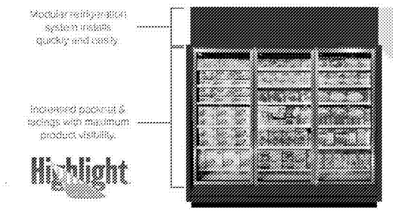
REACH-IN FREEZER/COOLER SHEET 1 OF 6



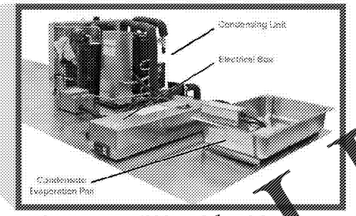
REACH-IN FREEZER/COOLER SHEET 2 OF 6

THE BEST OF BOTH WORLDS

Zero Zone Hybrid™ freezers and coolers combine all of the benefits of a self-contained display case with the selling power and reliability of a supermarket case. Bringing together the best of both worlds, these remote cases are configured with a remarkably easy-to-install, top-mount modular refrigeration unit.

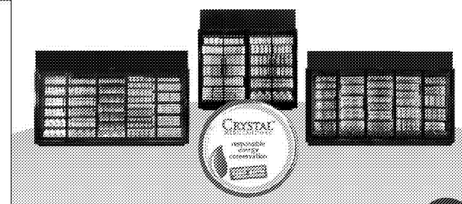
- ✓ A 2-door Hybrid™ has the same capacity as a typical 3 door self-contained unit... in 12" less floor space!
- ✓ Cases fit through 80" tall doorways!
- ✓ Everything is pre-wired and labeled.
- ✓ Pre-charged refrigeration piping with quick-connect threaded couplings.
- ✓ **Electronic control** – time clock, temperature and defrost control, visual and audible temperature alarm, and network communication capability.
- ✓ **Condensate collection and removal system** – collection pan, pump, float switch, condensate dissipation pan with heater element, and connecting tubing.

*Optional base configurations are available in 9" Crystal™ Merchandiser Hybrid™ cases through discharge air temperatures as low as 20° F. Consult factory for details.

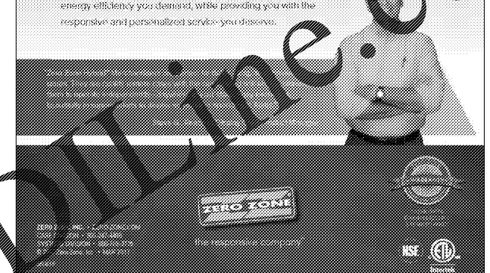


REACH-IN FREEZER/COOLER SHEET 3 OF 6

Also Available as a Hybrid™...



Zero Zone products are built with today's modern retailers in mind—assembled in the USA with the highest quality and innovation. Zero Zone gives you the flexibility, style, and energy efficiency you demand, while providing you with the responsive and personalized service you deserve.



ZERO ZONE
the responsive company

REACH-IN FREEZER/COOLER SHEET 4 OF 6

Dollar Tree/Family Dollar Highlight™ Merchandiser Hybrid™ Specs

Medium and Low Temp Hybrid™ Reach-Ins with 30" x 58" Doors. **RHCC30 & RHZC30**

Note: All Zero Zone display cases manufactured for shipment within the U.S. meet current DOE, ASHRAE and CEC energy requirements.** Zero Zone Hybrid™ is defined and sized as a remote refrigerated display case.

PHYSICAL DATA		Medium Temp					Low Temp Special Application				
	HRHC 49HCC30	2RHC30	3RHC30	4RHC30	5RHC30	2RHZ30	3RHZ30	4RHZ30	5RHZ30	4RFZ30	5RFZ30
Storage (ft³)		27.8	41.4	55.1	68.7	27.8	41.4	55.1	68.7	55.1	68.7
Decking (ft²)		56	83	110	137	56	83	110	137	110	137
Shelf Depth (in)		24	24	24	24	24	24	24	24	24	24
Weight (lbs.)*		908	1,078	1,248	1,420	928	1,100	1,270	1,440	1,165	1,695

*Estimated for aluminum/galvanized shelving and 3/4" plywood base. Actual weight will vary.

ELECTRICAL DATA 1, 2, 4, 6, 10	WITH CONDENSATE EVAPORATION SYSTEM Zero Zone ChillBrite™ 1 LED Lighting, Zero Zone CoolView Envision™ StandardNRG Energy Doors, ESC Fan Motors									
MOCP (amps)*	15	15	15	15	15	20	20		30	40
MOR (amps)*	5.7	7.6	10.0	12.9	15.4	24.4			20.3	26.6
ENERGY DATA										
Daily Energy Use (kWh)*	7.5	11.1	11.9	15.6	20.5	23.4			42.7	52.2
Standard Hour (Std-hr)*	1,000	1,477	1,898	2,134	3,034	3,743			5,696	7,425
ELECTRICAL DATA 1, 2, 4, 6, 10	WITHOUT CONDENSATE EVAPORATION SYSTEM Zero Zone ChillBrite™ 1 LED Lighting, Zero Zone CoolView Envision™ StandardNRG Energy, ESC Fan Motors									
MOCP (amps)*	15	15	15	15	15	20			35	55
MOR (amps)*	5.7	7.6	8.6	10.8	12.2	18.2			24.3	30.2
ENERGY DATA										
Daily Energy Use (kWh)*	6.9	10.0	11.5	14.1	20.2	22.9			41.4	51.2
Standard Hour (Std-hr)*	960	1,434	1,641	2,003	3,077	3,657			5,551	7,279
R-448A CHARGE										
Full Unit Charge (lbs.)*	3.0	4.6	5.3	6.1	5.1	5.9			8.5	8.9
REFRIGERATION										
Zero Zone Condensing Unit No.	09-9931	09-9934	09-9935	09-9936	09-9938	09-9939	09-9940		09-9950	09-9970
Crated Weight (lbs.)	150	160	160	165	170	180	180		190	190
REGULATORY DATA	Zero Zone ChillBrite™ 1 LED Lighting, Zero Zone CoolView Envision™ StandardNRG Energy Doors, ESC Fan Motors									
TEDA (Total Display Area) (ft²)	69.64	39.46	31.27	24.08	20.64	39.46			31.27	24.09
CDEC (Calculated Daily Energy Consumption) kwh/day**	4.52	6.30	6.97	8.90	13.99	15.50			25.35	31.19

Notes:
1. HRHC49HCC30 Hybrid Remote, 49HCC30 Hybrid Base, and matching glass doors.
2. 5 Evaporator Coil Fans require 2 Parallel Circuits and have different MOC, MOR, and Energy Use than 2, 3, and 4 Evaporator Coil Fan models.
3. Shelf quantities based on maximum.
4. Actual operating current may be affected by voltage supply, fan motor type, and number of evaporator coil fans. Compressor efficiency, type of refrigerant, and ambient temperature and humidity also affect operating current. Actual current draw may be higher or lower than listed.
5. Shelf deflection should be considered when loading cases and calculating product capacity.
6. Multiplex condensing units require additional refrigerant and oil charge.
7. Dimensions and weights are approximate and may change without notice.
8. Models with remote condensing units require field supplied refrigerant piping.
9. Refrigerant charge listed is for Hybrid base unit only. Refer to Hybrid Piping and Refrigerant Charge Guide for additional charge requirements.
10. Specifications are subject to change without notice. Consult factory for special voltage requirements.

*Listing number based on "Worst Case" configuration. Actual operating current may be affected by voltage supply, fan motor type, and number of evaporator coil fans. Compressor efficiency, type of refrigerant, and ambient temperature and humidity also affect operating current. Actual current draw may be higher or lower than listed.

**Calculated Daily Energy Consumption (CDEC) is based on 75°F ambient temperature and 55% relative humidity per DOE 10 CFR Part 431 Subpart C. Actual energy consumption will vary based on ambient conditions, product load, and operating schedule.

Factory Installed System™ Features:
- Refrigeration unit with open compressor and condenser coils
- Evaporator coil with fan motors
- Expansion valve and solenoid valve for each evaporator coil
- Liquid line filter drier
- Refrigerant charge for 50 feet of line set

Field Installed System™ Features:
- 25' refrigerant line set (field cut and brazed) and vacuum "Schrader" valve access fittings
- Hanging brackets
- Condensing unit weatherproof cover

DOE Basis Model Number Reference

HRHC30	HRHC30HRR0000U0000000000000
2RHC30	2RHC30HRR0000U2S10000000000
3RHC30	3RHC30HRR0000U3S10000000000
4RHC30	4RHC30HRR0000U4S10000000000
5RHC30	5RHC30HRR0000U5S10000000000
2RHZ30	2RHZ30HRR0000U2S10000000000
3RHZ30	3RHZ30HRR0000U3S10000000000
4RHZ30	4RHZ30HRR0000U4S10000000000
5RHZ30	5RHZ30HRR0000U5S10000000000

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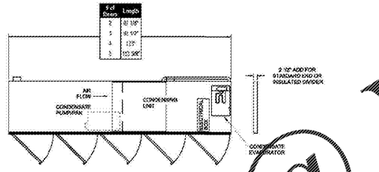
2 REACH-IN FREEZER/COOLER SHEET 5 OF 6

Dollar Tree/Family Dollar Highlight™ Merchandiser Hybrid™ Specs

Medium and Low Temp Hybrid™ Reach-Ins with 30" x 58" Doors. **RHCC30 & RHZC30**



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

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Zero Zone.com

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REACH-IN FREEZER/COOLER SHEET 6 OF 6

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FOR INFORMATION ONLY

project: REFRIGERATION SPECIFICATIONS

drawing: REACH-IN UNITS DETAILS AND SPECIFICATIONS

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FOR REFERENCE ONLY