SOUTHERN CaseArts
An LSI Company

Project Name _____
Model # _____ Qty _____ Item # _____
Approval _____ AIA# _____ SIS# _____

Sheyenne
Multideck Merchandiser | Cold
MDC-81ADM-R, MDC-81AVM-R, MDC-87ADM-R



southerncasearts.com | 800.552.6283



OVERVIEW

The **Sheyenne Multideck Merchandiser** from **Southern CaseArts** is a great merchandiser to add to your store. With several width and depth options, each featuring five adjustable shelves with LED lights, this case can showcase everything – meat, cheese, dairy, bakery, sandwiches, prepared foods and beverages. The **Sheyenne** is an energy efficient case that you can use just about anywhere in your store.

STANDARD FEATURES

- **Nominal Length:** 4.1', 6.2', 8.2' & 12.3'
- **Interior Lighting:** 4000K LED
- **Shelving:** 5 adjustable shelves with LED lights
- Remote
- Optional night screen available
- **Exterior:** Black powder coat

PRODUCT CATEGORIES

Meat | Deli | Cheese/ Dairy | Milk | Snacks/ Sandwiches

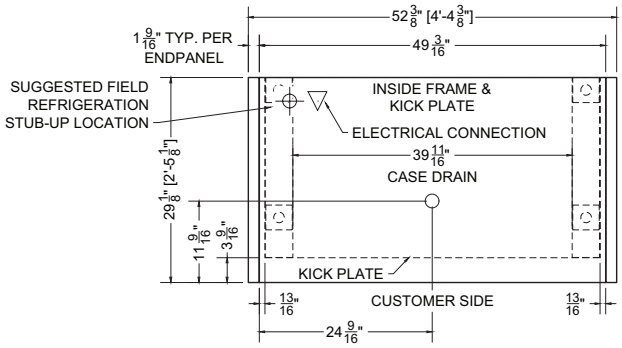
Bakery | Chilled Beverages | Prepared Food

04.1-MDC-81AVM-R | Sheyenne Multideck Merchandiser

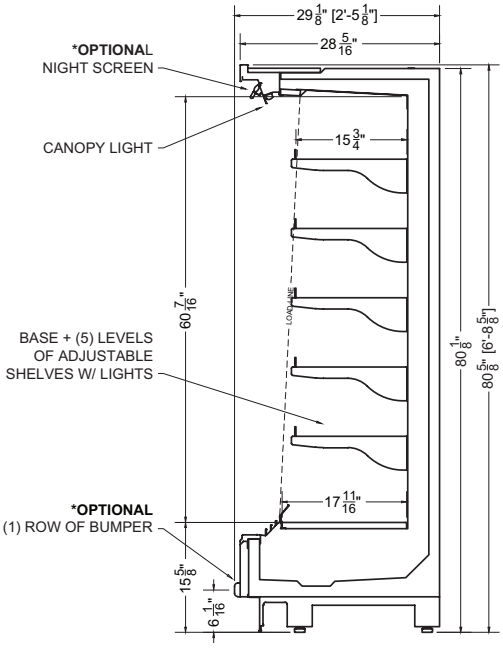
QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
6	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	3.00
2	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.40
1	DEFROST HEATERS	---	115V	1	2.17	2.17

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 3.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.40 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 2.17 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81AVM **APPLICATION:** DELI **BTUH:** 6321 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 28.18 CUBIC FT.
INTERNAL VOLUME: 41.24 CUBIC FT.

© 2026 **Southern CaseArts**, an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.



Plan Mechanical View

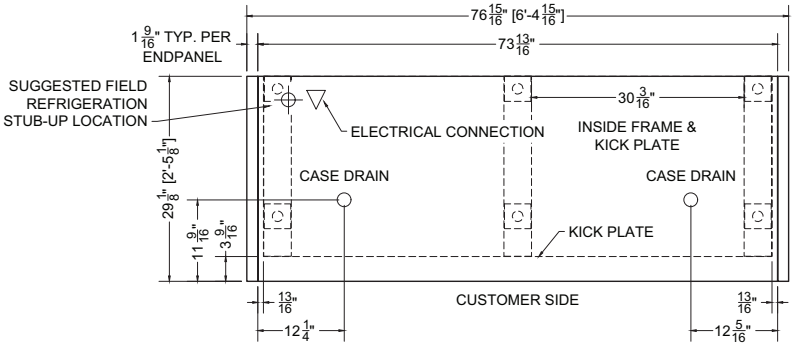


Section View

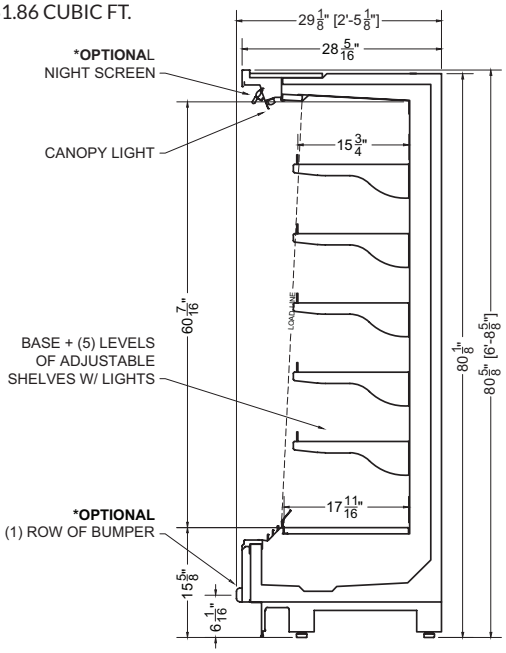
06.2-MDC-81AVM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
12	34" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.38	4.50
3	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.60
1	DEFROST HEATERS	---	115V	1	3.48	3.48

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 4.50 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.60 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 3.48 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81AVM **APPLICATION:** DELI **BTUH:** 9481 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 42.27 CUBIC FT.
INTERNAL VOLUME: 61.86 CUBIC FT.



Plan Mechanical View



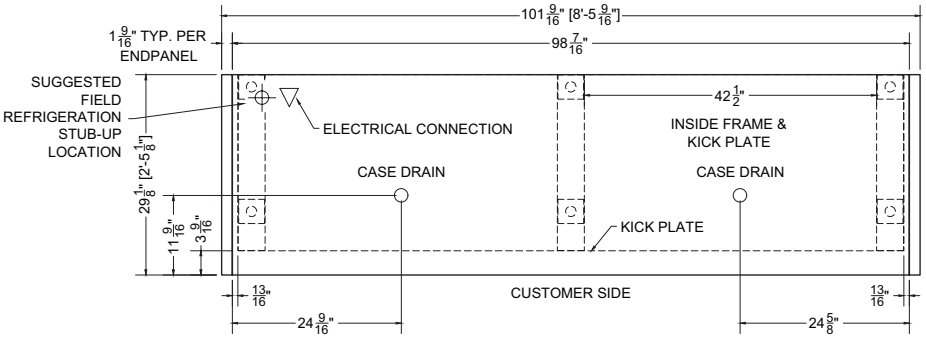
Section View

© 2026 **Southern CaseArts**, an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

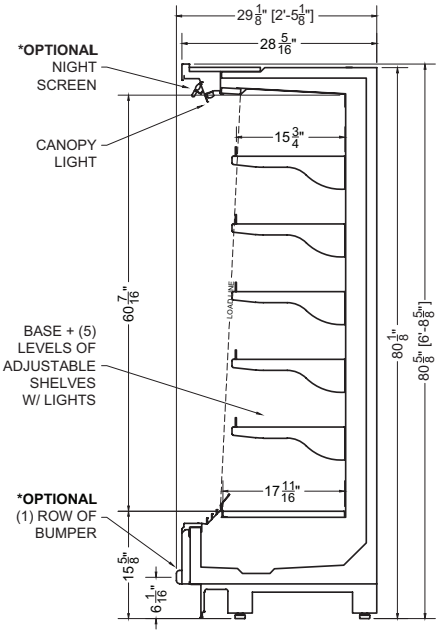
08.2-MDC-81AVM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
12	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	6.00
4	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.80
1	DEFROST HEATERS	---	115V	1	5.22	5.22

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 6.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.80 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 5.22 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81AVM **APPLICATION:** DELI **BTUH:** 12641 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 56.36 CUBIC FT.
INTERNAL VOLUME: 82.49 CUBIC FT.



Plan Mechanical View



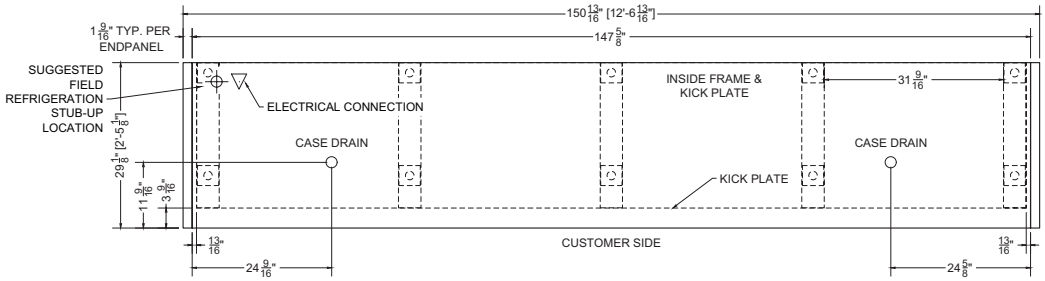
Section View

12.3-MDC-81AVM-R | Sheyenne Multideck Merchandiser

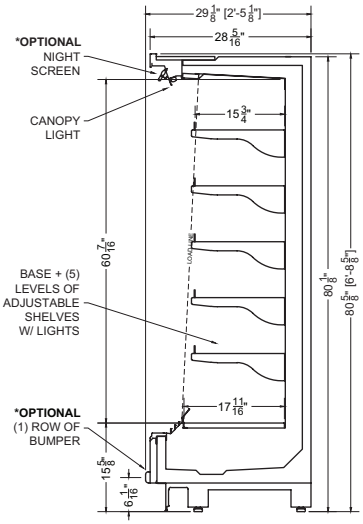
QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
18	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	9.00
6	EVAPORATOR FAN	AFXXX	115V	1	0.20	1.20
1	DEFROST HEATERS	---	115V	1	6.96	6.96

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 9.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 1.20 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 6.96 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81AVM **APPLICATION:** DELI **BTUH:** 18962 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 84.54 CUBIC FT.
INTERNAL VOLUME: 123.73 CUBIC FT.

© 2026 **Southern CaseArts,** an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.



Plan Mechanical View

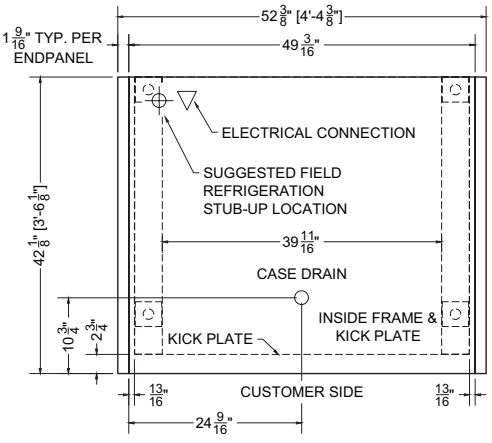


Section View

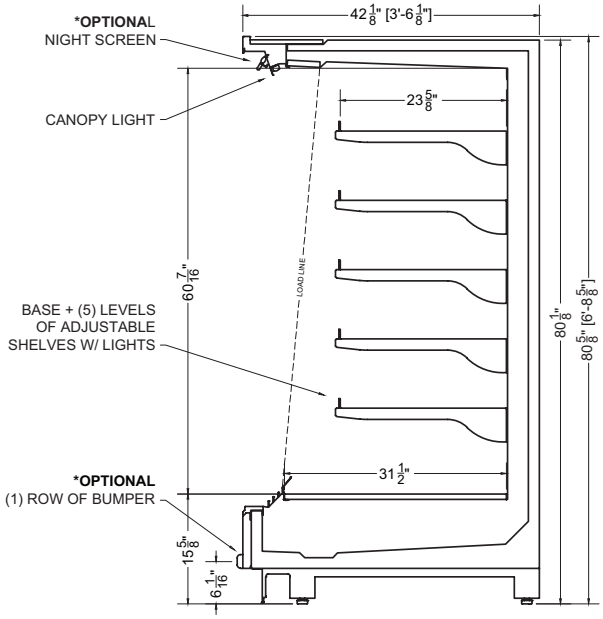
04.1-MDC-81ADM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
6	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	3.00
2	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.40
1	DEFROST HEATERS	---	115V	1	2.17	2.17

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 3.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.40 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (DEFROST) **TOTAL AMPS:** 2.17 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81ADM **APPLICATION:** DELI **BTUH:** 6760 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 50.01 CUBIC FT.
INTERNAL VOLUME: 65.15 CUBIC FT.



Plan Mechanical View



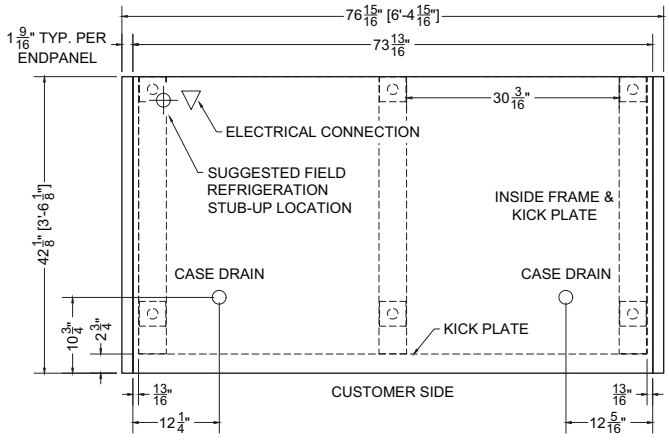
Section View

© 2026 **Southern CaseArts**, an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

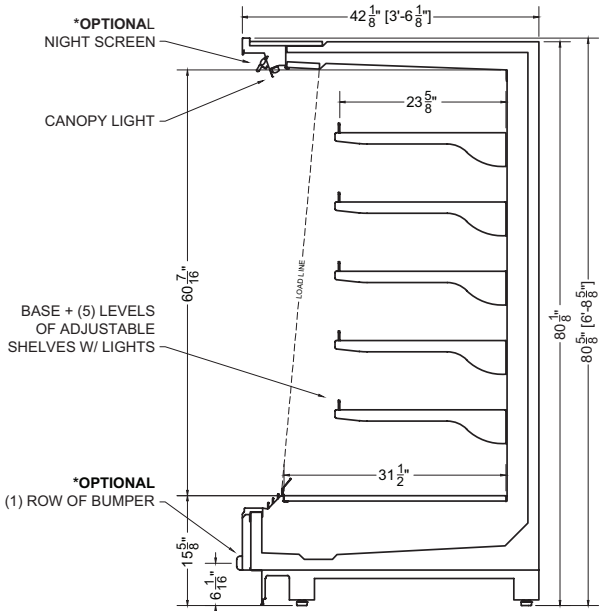
06.2-MDC-81ADM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
12	34" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.38	4.50
3	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.60
1	DEFROST HEATERS	---	115V	1	3.48	3.48

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 4.50 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.60 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 3.48 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81ADM **APPLICATION:** DELI **BTUH:** 10140 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 75.01 CUBIC FT.
INTERNAL VOLUME: 97.73 CUBIC FT.



Plan Mechanical View



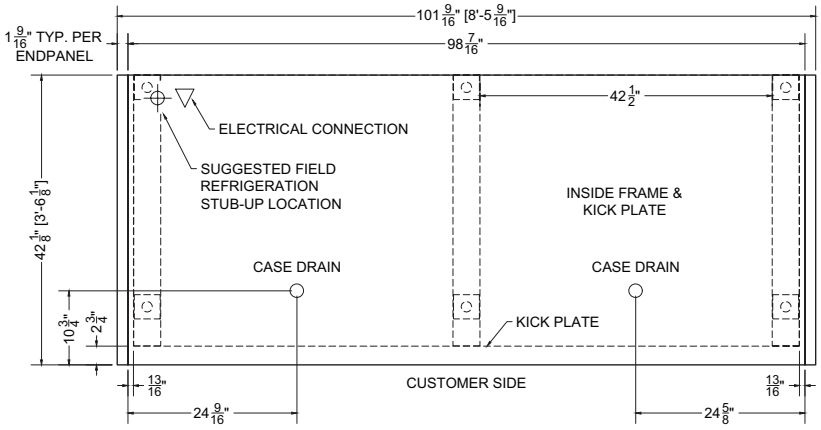
Section View

08.2-MDC-81ADM-R | Sheyenne Multideck Merchandiser

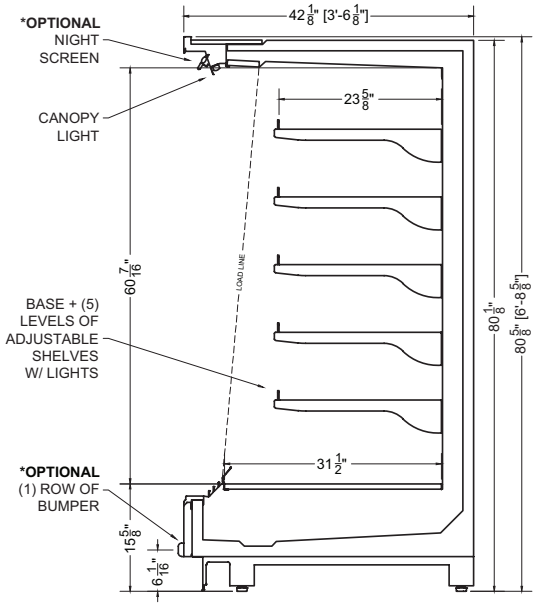
QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
12	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	6.00
4	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.80
1	DEFROST HEATERS	---	115V	1	5.22	5.22

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 6.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.80 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 5.22 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81ADM **APPLICATION:** DELI **BTUH:** 13520 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 100.02 CUBIC FT.
INTERNAL VOLUME: 130.31 CUBIC FT.

© 2026 **Southern CaseArts,** an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.



Plan Mechanical View

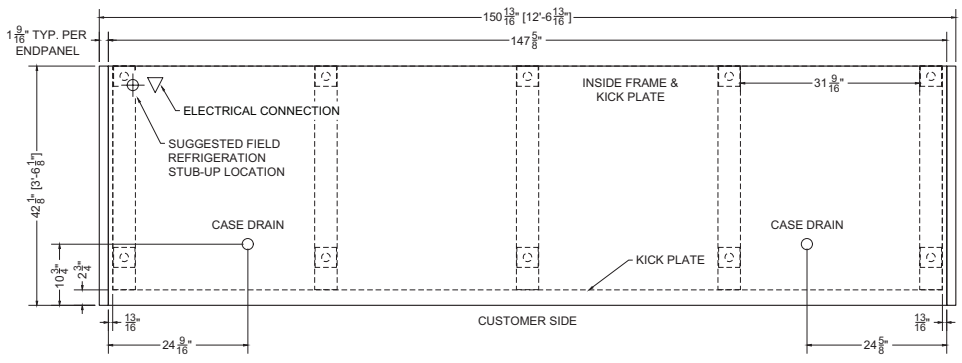


Section View

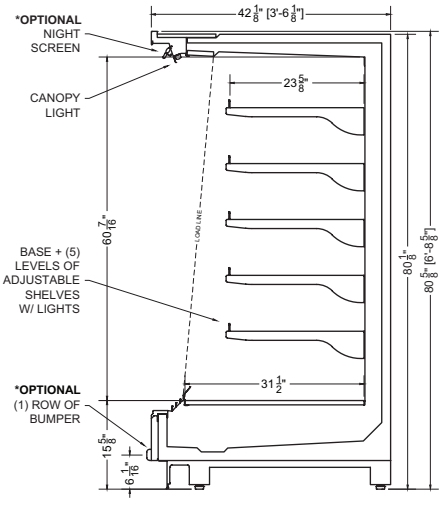
12.3-MDC-81ADM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
18	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	9.00
6	EVAPORATOR FAN	AFXXX	115V	1	0.20	1.20
1	DEFROST HEATERS	---	115V	1	6.96	6.96

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 9.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 1.20 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 6.96 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-81ADM **APPLICATION:** DELI **BTUH:** 20280 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 150.03 CUBIC FT.
INTERNAL VOLUME: 195.46 CUBIC FT.



Plan Mechanical View



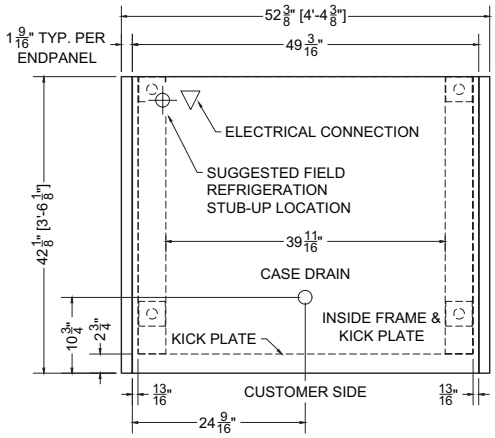
Section View

© 2026 **Southern CaseArts,** an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

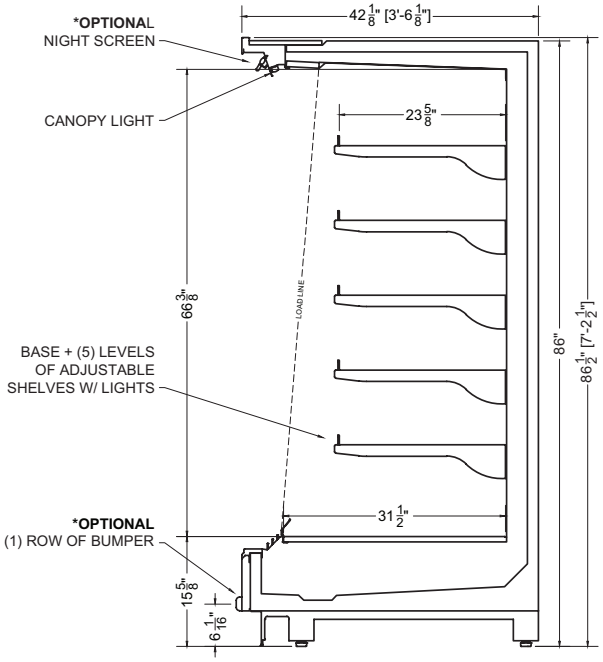
04.1-MDC-87ADM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
6	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	3.00
2	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.40
1	DEFROST HEATERS	---	115V	1	2.17	2.17

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 3.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.40 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 2.17 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-87ADM **APPLICATION:** DELI **BTUH:** 7208 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 54.84 CUBIC FT.
INTERNAL VOLUME: 71.44 CUBIC FT.



Plan Mechanical View



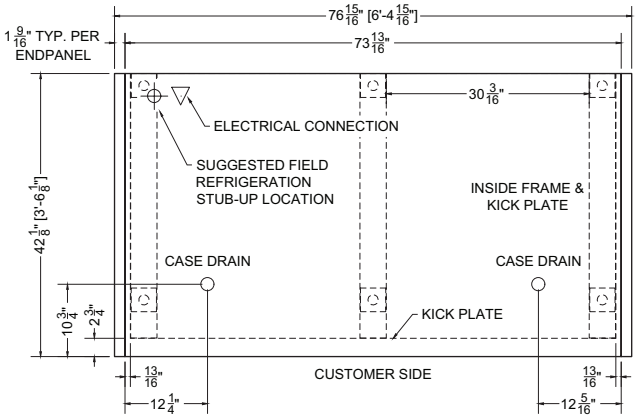
Section View

06.2-MDC-87ADM-R | Sheyenne Multideck Merchandiser

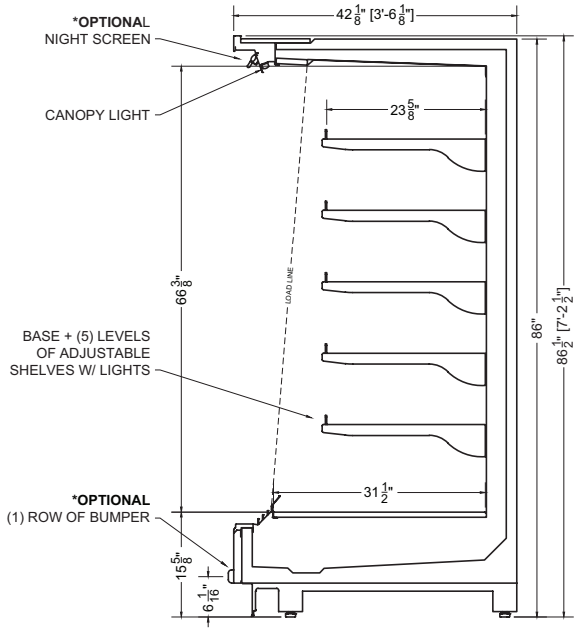
QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
12	34" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.38	4.50
3	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.60
1	DEFROST HEATERS	---	115V	1	3.48	3.48

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 4.50 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.60 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 0.60 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-87ADM **APPLICATION:** DELI **BTUH:** 10812 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 82.26 CUBIC FT.
INTERNAL VOLUME: 107.16 CUBIC FT.

© 2026 **Southern CaseArts**, an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.



Plan Mechanical View

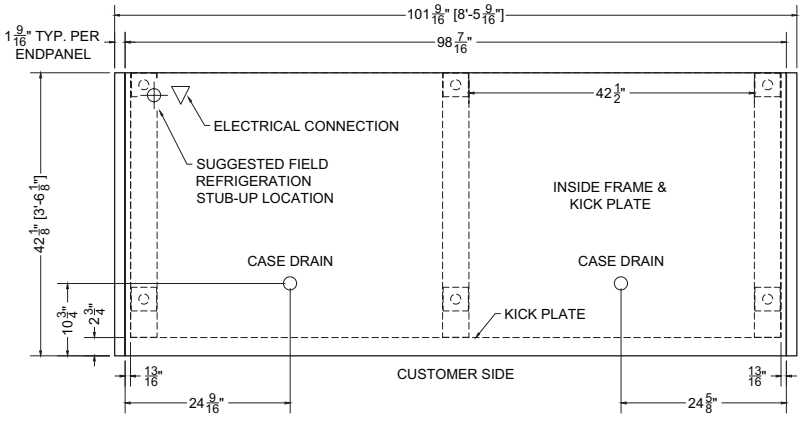


Section View

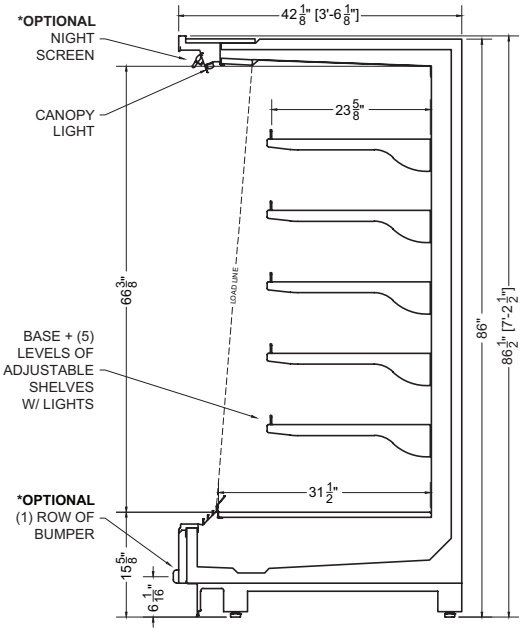
08.2-MDC-87ADM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
12	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	6.00
4	EVAPORATOR FAN	AFXXX	115V	1	0.20	0.80
1	DEFROST HEATERS	---	115V	1	5.22	5.22

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 6.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 0.80 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 5.22 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-87ADM **APPLICATION:** DELI **BTUH:** 14416 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 109.68 CUBIC FT.
INTERNAL VOLUME: 142.88 CUBIC FT.



Plan Mechanical View



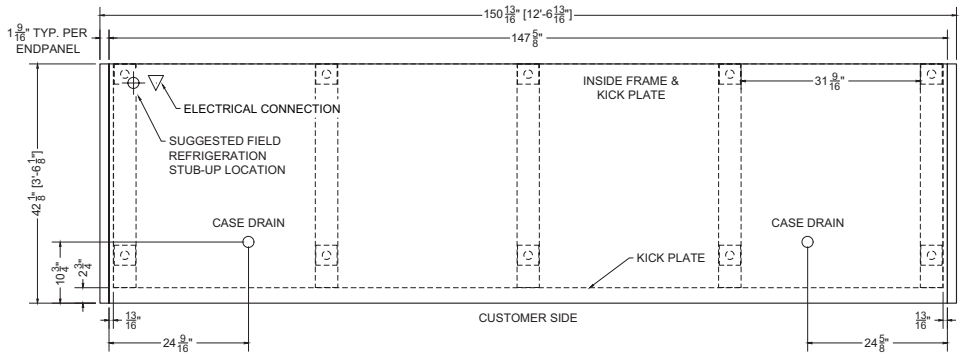
Section View

© 2026 **Southern CaseArts**, an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

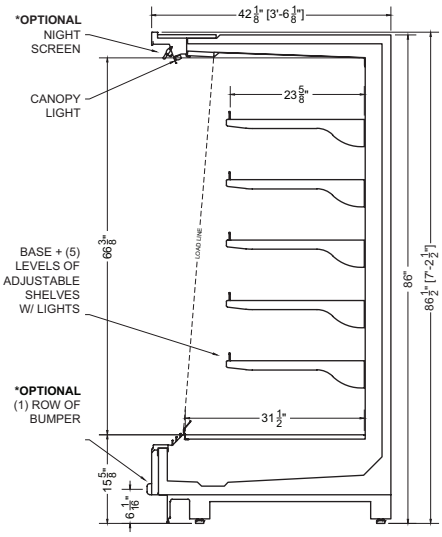
12.3-MDC-87ADM-R | Sheyenne Multideck Merchandiser

QTY	DESCRIPTION	PART NUMBER	VOLTAGE	PHASE	AMPS	TOTAL AMPS
18	45" LED 4000K, 24V	LG-FX-XXX-X	115V	1	0.50	9.00
6	EVAPORATOR FAN	AFXXX	115V	1	0.20	1.20
1	DEFROST HEATERS	---	115V	1	6.96	6.96

CIRCUIT#1 (LIGHTS) **TOTAL AMPS:** 9.00 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#2 (FANS) **TOTAL AMPS:** 1.20 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
CIRCUIT#3 (DEFROST) **TOTAL AMPS:** 6.96 **VOLTAGE:** 115/1/60 **CONNECTION:** HARDWIRED
MODEL: MDC-87ADM **APPLICATION:** DELI **BTUH:** 21624 **EVAP TEMP:** 14°F
DEFROST: TIME-OFF, 4/45MIN, 50° TEMP TERMINATION **PACKOUT VOLUME:** 164.52 CUBIC FT.
INTERNAL VOLUME: 214.32 CUBIC FT.



Plan Mechanical View



Section View

For more information on the Sheyenne Multideck Merchandiser, contact one of our **Southern CaseArts** representatives or check out our website to learn more about all of the products offered by **Southern CaseArts.**

© 2026 **Southern CaseArts**, an LSI Company. All Rights Reserved Worldwide. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.