GENERAL NOTES:
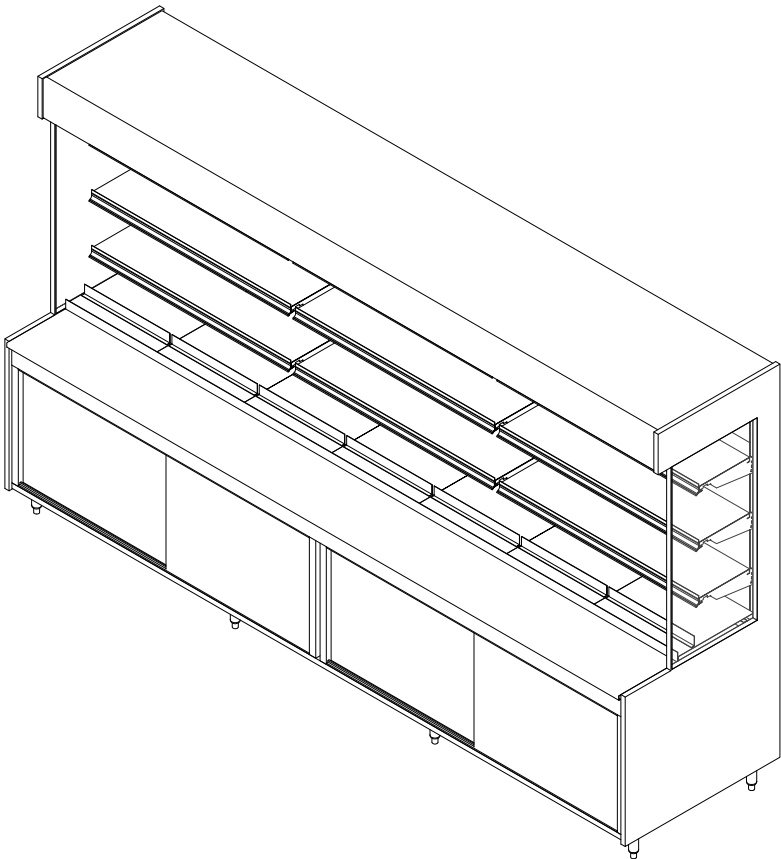
- "---" Indicates that the feature is not an option on this case model and/or the data is not yet available at this time.
- DLS - Dry Lower Storage
- RLS - Refrgerated Lower Storage (optional)

SHIPPING WEIGHT

Case	Weight
DB-R	---

2017 DOE COMPLIANT

Intertek (ETL)   Intertek (c ETL us)

ENGINEERED FOR STORES WITH AMBIENT CONDITIONS NOT TO EXCEED 75° AND 55% RELATIVE HUMIDITY. DUE TO ENGINEERING IMPROVEMENTS SPECIFICATIONS MAY CHANGE WITHOUT NOTICE. ALL MEASUREMENTS ARE TAKEN PER ASHRAE-72-2005 SPECIFICATIONS. HILLPHOENIX REFRIGERATED DISPLAY CASES FOR SALE IN THE UNITED STATES MEET OR EXCEED DEPARTMENT OF ENERGY 2017 REQUIREMENTS. NUMBERS ARE BASED ON STANDARD CASE SIZES. CONSULT ENGINEERING.

DB-R

Rev. Date	Rev. #	Rev. Title
06-03-21	1	NEW STANDARDS

Clearvoyant LED SYSTEM

Hillphoenix
a Dover company

ELECTRICAL DATA

Case Length	Fans Per Case	High Efficiency Fans 120 Volts Amps	High Efficiency Fans 120 Volts Watts	Anti-Condensate Fans 120 Volts Amps	Anti-Condensate Fans 120 Volts Watts	Drain Heaters 120 Volts Amps	Drain Heaters 120 Volts Watts	Optional Defrost Heaters 208 Volts Amps	Optional Defrost Heaters 208 Volts Watts	RLS Fans Per Case	RLS Unit Cooler Fans 120 Volts Watts	RLS Unit Cooler Fans 120 Volts Amps
4'	2	0.60	72	---	---	---	---	---	---	1	0.24	20
6'	3	0.90	108	---	---	---	---	---	---	1	0.24	20
8'	4	1.20	144	---	---	---	---	---	---	2	0.48	40
10'	5	1.50	180	---	---	---	---	---	---	2	0.48	40
12'	6	1.80	216	---	---	---	---	---	---	3	0.72	60

LIGHTING DATA

Case Length	Lights Per Row	Light Length	Clearvoyant 4 LED Lighting (Per Light Row) Standard Power (Cornice or Shelf) 120 Volts Amps	Standard Power (Cornice or Shelf) 120 Volts Watts	High Power (Cornice) 120 Volts Amps	High Power (Cornice) 120 Volts Watts
4'	1	4'	0.05	5.9	0.12	14.9
6'	2	3'	0.08	9.4	0.20	23.8
8'	2	4'	0.10	11.8	0.24	29.8
10'	2	5'	0.12	15.0	0.30	37.0
12'	3	4'	0.15	17.7	0.36	44.7

GUIDELINES AND CONTROL SETTINGS (DX)

	BTUH/ft Conventional	BTUH/ft Parallel	Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
DX	1366	1308	6 - 8	26	32	75 - 100
RLS	180	168	6 - 8	26	32	75 - 100

NOTES:

- "---" Indicates that the feature is not an option on this case model and/or the data is not yet available at this time.
- RLS - Refrigerated Lower Storage
- Listed BTUH indicates unlighted shelves. Add the following for lighted shelves:

4' Shelf LED: 36 BTUH

4' Canopy LED: 72 BTUH

3' Shelf LED: 27 BTUH

3' Hi-Output LED: 54 BTUH

- Listed discharge air velocity represents the average velocity at the peak of defrost.
- * Time-off duration for defrost with no termination control.

DB-R

Rev. Date	Rev. #	Rev. Title
06-03-21	1	NEW STANDARDS

Clearvoyant LED SYSTEM

Hillphoenix
a DOVER company

DEFROST CONTROLS

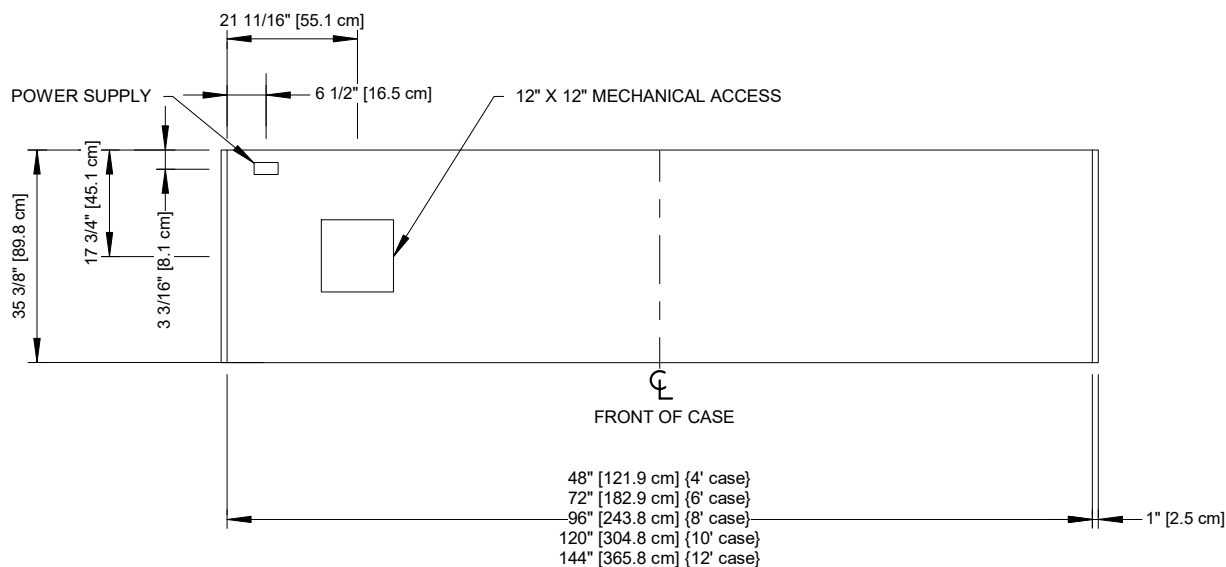|	Defrosts Per Day	Run-Off Time (Min)	Electric Defrost		Timed-Off Defrost		Hot Gas Defrost	
			Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
DX	6	---	---	---	30/*10	42	---	---
RLS	6	---	---	---	30/*20	45	---	---

ENGINEERED FOR STORES WITH AMBIENT CONDITIONS NOT TO EXCEED 75° AND 55% RELATIVE HUMIDITY. DUE TO ENGINEERING IMPROVEMENTS SPECIFICATIONS MAY CHANGE WITHOUT NOTICE. ALL MEASUREMENTS ARE TAKEN PER ASHRAE-72-2005 SPECIFICATIONS. HILLPHOENIX REFRIGERATED DISPLAY CASES FOR SALE IN THE UNITED STATES MEET OR EXCEED DEPARTMENT OF ENERGY 2017 REQUIREMENTS. NUMBERS ARE BASED ON STANDARD CASE SIZES. CONSULT ENGINEERING.

DB-R

Rev. Date	Rev. #	Rev. Title
06-03-21	1	NEW STANDARDS

Clearvoyant
LED SYSTEM

Hillphoenix
a DOVER company

28 1/8" [71.4 cm]

8 1/4" [21.0 cm]

42 1/16" [106.9 cm] INTERIOR HEIGHT

86" [218.4 cm] CASE HEIGHT

12"

12"

12"

38 3/8" [97.5 cm] VISUAL DISPLAY

13 13/16" [35.1 cm]

17 7/8" [45.3 cm]

18" [45.7 cm]

23 7/16" [59.6 cm]

36 3/8" [92.3 cm]

LOWER STORAGE W/
SHELF & FRONT LOAD DOORS

35 3/8" [89.9 cm]

6" [15.3 cm]

ELECTRICAL RACEWAY

21 11/16" [55.1 cm]

POWER SUPPLY

6 1/2" [16.5 cm]

12" X 12" MECHANICAL ACCESS

35 3/8" [89.8 cm]

17 3/4" [45.1 cm]

3 3/16" [8.1 cm]

CL
FRONT OF CASE

48" [121.9 cm] {4' case}
72" [182.9 cm] {6' case}
96" [243.8 cm] {8' case}
120" [304.8 cm] {10' case}
144" [365.8 cm] {12' case}

1" [2.5 cm]

DB-R

Rev. Date	Rev. #	Rev. Title
06-03-21	1	NEW STANDARDS

Clearvoyant LED SYSTEM

Hillphoenix
a DOVER company