



ALL-IN-ONE

# PACKAGED REFRIGERATION SYSTEM

A single unit that houses everything  
needed to cool a space



# PACKAGED REFRIGERATION SYSTEM

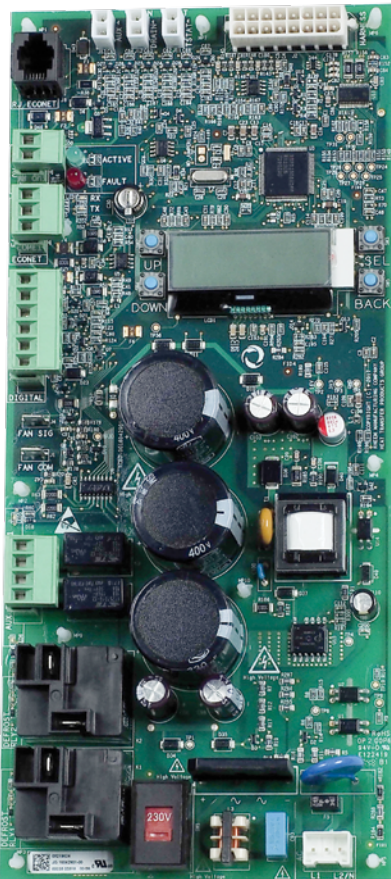
Available in 8 scroll compressor + 2 hermetic compressor models

The Packaged Refrigeration System's innovative design is a DOE AWEF rated self-contained system that comes in two sizes to satisfy low and medium temperature refrigeration needs - ideal for holding applications. We strive to incorporate sustainable solutions along with options and functionality that satisfy regulatory compliance. The PRS is EcoNet Enabled with Electronic Expansion Valve and can be operated with an optional Command Center from anywhere.

BTUH

Medium Temperature // 4,790 to 15,830

Low Temperature // 3,790 to 15,130



Control Board

## OPTIONAL ECONET COMMAND CENTER

Using Rheem's SMART technology, the EcoNet Command Center can program, monitor, and troubleshoot equipment outside of the space being cooled. The Packaged Refrigeration System is already assembled with the EcoNet Control Board which analyzes and optimizes defrost cycles to provide a consistent temperature and extend the life of the unit.

By adding the optional Command Center, a Technician or Building Manager never has to step foot into the freezer in order to change the temperature or maintain the equipment. Control up to 32 devices (including the Command Center) on one touchscreen.



## HIGHLIGHTS

- EcoNet Enabled to maximize energy efficiency with less compressor runtime
- EcoNet optimizes defrost by using adaptive defrost or managing compressor runtime
- EcoNet improves product quality by reducing temperature fluctuation
- Available outdoor options include a Roof Kit and Hail Guard
- Factory pre-charged with R-448A
- One electrical wiring point with the ability to add a plug on select models
- Standard boil-out pan with an option to mount a drain line
- Lift-off panels & large electrical box



## MODEL NOMENCLATURE

<b>H</b>	<b>P</b>	<b>H</b>	<b>050</b>	<b>M</b>	<b>48</b>	<b>A</b>	<b>A</b>
HTPG	Product	Compressor	Horsepower	Temperature	Refrigerant	Voltage	Vintage
	Packaged Refrigeration System	H - Hermetic O - Scroll		M - Medium L - Low D - Medium Electric Defrost	48 - R-448A	A - 115/1/60 D - 208-230/1/60	

# Defrost Capacities

## AIR DEFROST // MEDIUM TEMPERATURE

Model	AMBIENT TEMPERATURE									
	80°		90°		95°		100°		110°	
	BOX TEMPERATURE									
	35°F	38°F	35°F	38°F	35°F	38°F	35°F	38°F	35°F	38°F
HPH050M48*A	5,960	6,290	5,550	5,870	5,360	5,670	5,170	5,470	4,790	5,090
HPH055M48*A	6,480	6,870	6,040	6,400	5,830	6,170	5,610	5,950	5,170	5,490
HPO080M48*A	8,200	8,600	7,750	8,120	7,530	7,890	7,310	7,660	6,850	7,180
HPO100M48*A	9,290	9,820	8,790	9,260	8,530	9,000	8,260	8,740	7,730	8,180
HPO120M48*A	11,900	12,480	11,250	11,800	10,910	11,460	10,590	11,110	9,870	10,390
HPO150M48*A	15,110	15,830	14,280	14,940	13,840	14,510	13,350	14,030	12,410	13,010

## ELECTRIC DEFROST // MEDIUM TEMPERATURE

Model	AMBIENT TEMPERATURE									
	80°		90°		95°		100°		110°	
	BOX TEMPERATURE									
	35°F	38°F	35°F	38°F	35°F	38°F	35°F	38°F	35°F	38°F
HPH050D48DA	5,960	6,290	5,550	5,870	5,360	5,670	5,170	5,470	4,790	5,090
HPH055D48DA	6,480	6,870	6,040	6,400	5,830	6,170	5,610	5,950	5,170	5,490
HPO080D48DA	8,200	8,600	7,750	8,120	7,530	7,890	7,310	7,660	6,850	7,180
HPO100D48DA	9,290	9,820	8,790	9,260	8,530	9,000	8,260	8,740	7,730	8,180
HPO120D48DA	11,900	12,480	11,250	11,800	10,910	11,460	10,590	11,110	9,870	10,390
HPO150D48DA	15,110	15,830	14,280	14,940	13,840	14,510	13,350	14,030	12,410	13,010

# Defrost Capacities

## ELECTRIC DEFROST // LOW TEMPERATURE

Model	AMBIENT TEMPERATURE								
	80°			90°			95°		
	BOX TEMPERATURE								
	0°F	-10°F	-20°F	0°F	-10°F	-20°F	0°F	-10°F	-20°F
HPO150L48*A	7,030	5,790	4,630	6,640	5,460	4,360	6,440	5,290	4,210
HPO250L48*A	9,770	8,230	6,830	9,210	7,770	6,440	8,930	7,520	6,240
HPO300L48*A	13,550	11,340	9,340	12,810	10,730	8,830	12,440	10,400	8,570
HPO350L48*A	15,130	12,740	10,680	14,090	11,950	10,050	13,770	11,650	9,750

Model	100°			110°		
	0°F	-10°F	-20°F	0°F	-10°F	-20°F
HPO150L48*A	6,230	5,110	4,070	5,810	4,650	3,790
HPO250L48*A	8,630	7,280	6,040	8,030	6,770	5,650
HPO300L48*A	12,040	10,070	8,290	11,210	9,370	7,720
HPO350L48*A	13,310	11,300	9,430	12,320	10,540	8,810

Continued



Astrix (\*) represents voltage. Please refer to Model Nomenclature on page 3 for additional breakdown

## OUTDOOR OPTIONS

- ▶ Hail Guard
- ▶ Roof Kit



PACKAGED REFRIGERATION SYSTEM

# Electrical Data

\*U.C. CFM = Unit Cooler Cubic Feet Per Minute

## AIR DEFROST // MEDIUM TEMPERATURE

Model	Voltage	MCA	MOPD	Unit Amps	U.C. CFM	NEMA Receptacle
HPH050M48AA	115/1/60	15	20	10.5	600	5-20R
HPH055M48AA	115/1/60	15	20	11.8	600	5-20R
HPO080M48AA	115/1/60	18.4	30	15.1	600	5-20R
HPO100M48AA	115/1/60	20	30	16.4	600	-
HPO120M48AA	115/1/60	21.7	35	18.1	1200	-
HPH050M48DA	208-230/1/60	15	15	6.6	600	6-15R
HPH055M48DA	208-230/1/60	15	15	6.7	600	6-15R
HPO080M48DA	208-230/1/60	15	15	7.4	600	6-15R
HPO100M48DA	208-230/1/60	15	15	7.6	600	6-15R
HPO120M48DA	208-230/1/60	15	15	10.2	1200	6-15R
HPO150M48DA	208-230/1/60	17.2	25	14.3	1200	6-20R

## ELECTRIC DEFROST // MEDIUM TEMPERATURE

Model	Voltage	MCA	MOPD	Unit Amps	U.C. CFM	NEMA Receptacle
HPH050D48DA	208-230/1/60	15	15	8.3	600	6-15R
HPH055D48DA	208-230/1/60	15	15	8.3	600	6-15R
HPO080D48DA	208-230/1/60	15	15	8.3	600	6-15R
HPO100D48DA	208-230/1/60	15	15	8.3	600	6-15R
HPO120D48DA	208-230/1/60	15	15	10.2	1200	6-15R
HPO150D48DA	208-230/1/60	17.2	25	14.3	1200	6-20R

## ELECTRIC DEFROST // LOW TEMPERATURE

Model	Voltage	MCA	MOPD	Unit Amps	U.C. CFM	NEMA Receptacle
HPO150L48DA	208-230/1/60	15	15	9.8	600	6-15R
HPO250L48DA	208-230/1/60	17.5	25	14.4	600	6-20R
HPO300L48DA	208-230/1/60	19	30	15.8	1200	-
HPO350L48DA	208-230/1/60	23.4	35	19.3	1200	-

# Size & Weight

## AIR DEFROST // MEDIUM TEMPERATURE

Model	Cabinet Size	Aprx. NET Weight - LB	Aprx. NET Weight - KG	Aprx. SHIP Weight - LB	Aprx. SHIP Weight - KG
HPH050M48AA	Small	206	93.4	286	129.7
HPH055M48AA	Small	206	93.4	286	129.7
HPO080M48AA	Small	206	93.4	286	129.7
HPO100M48AA	Small	206	93.4	286	129.7
HPO120M48AA	Large	235	106.6	313	142
HPH050M48DA	Small	206	93.4	286	129.7
HPH055M48DA	Small	206	93.4	286	129.7
HPO080M48DA	Small	206	93.4	286	129.7
HPO100M48DA	Small	206	93.4	286	129.7
HPO120M48DA	Large	235	106.6	313	142
HPO150M48DA	Large	235	106.6	313	142

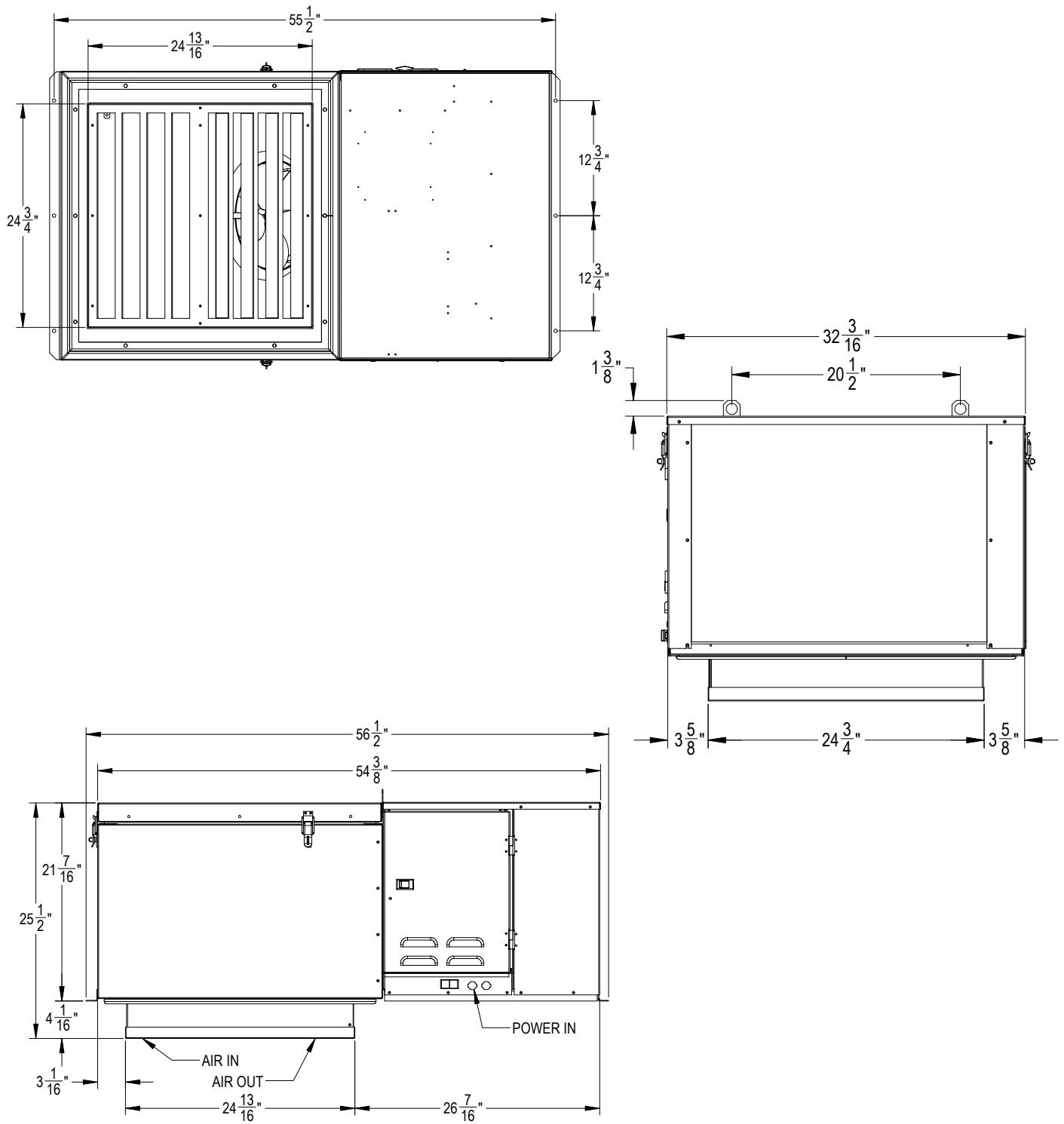
## ELECTRIC DEFROST // MEDIUM TEMPERATURE

Model	Cabinet Size	Aprx. NET Weight - LB	Aprx. NET Weight - KG	Aprx. SHIP Weight - LB	Aprx. SHIP Weight - KG
HPH050D48DA	Small	206	93.4	286	129.7
HPH055D48DA	Small	206	93.4	286	129.7
HPO080D48DA	Small	206	93.4	286	129.7
HPO100D48DA	Small	206	93.4	286	129.7
HPO120D48DA	Large	235	106.6	313	142
HPO150D48DA	Large	235	106.6	313	142

## ELECTRIC DEFROST // LOW TEMPERATURE

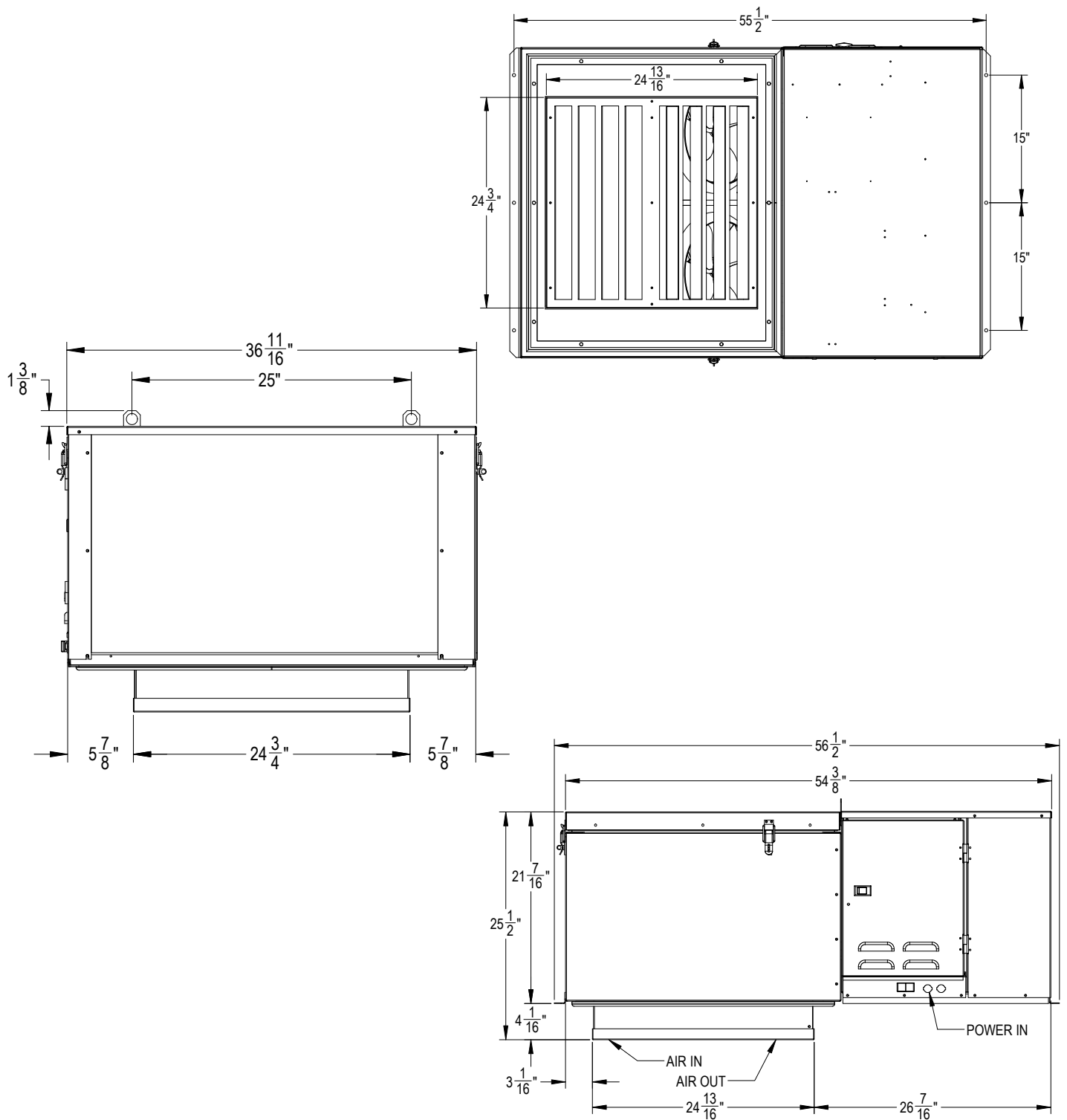
Model	Cabinet Size	Aprx. NET Weight - LB	Aprx. NET Weight - KG	Aprx. SHIP Weight - LB	Aprx. SHIP Weight - KG
HPO150L48DA	Small	218.5	99.1	298.5	135.4
HPO250L48DA	Small	218.5	99.1	298.5	135.4
HPO300L48DA	Large	264	119.7	342	155.1
HPO350L48DA	Large	264	119.7	342	155.1

# Dimensions: SMALL CABINET





# Dimensions: LARGE CABINET



# AWEF Data

## Air Defrost // Medium Temperature

Model	INDOOR	OUTDOOR
HPH050M48AA	5.61	7.6
HPH055M48AA		
HPO080M48AA		
HPO100M48AA		
HPO120M48AA		
HPH050M48DA		
HPH055M48DA		
HPO080M48DA		
HPO100M48DA		
HPO120M48DA		
HPO150M48DA		

## Electric Defrost // Medium Temperature

Model	INDOOR	OUTDOOR
HPH050M48AA	5.61	7.6
HPH055M48AA		
HPO080M48AA		
HPO100M48AA		
HPO120M48AA		
HPH050M48DA		
HPH055M48DA		
HPO080M48DA		
HPO100M48DA		
HPO120M48DA		
HPO150M48DA		

## Electric Defrost // Low Temperature

Model	INDOOR	OUTDOOR
HPO150L48DA	2.17	3.15
HPO250L48DA		
HPO300L48DA		
HPO350L48DA		

### NOTES

- If the Medium Temperature model has a numerical value in the table above, the following statement applies: "This refrigeration system is designed and certified for use in walk-in cooler applications"
- If the Low Temperature model has a numerical value in the table above, the following statement applies: "This refrigeration system is designed and certified for use in walk-in freezer applications."



# NOTICE

Due to continuing product development, specifications are subject to change without notice.



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