

We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

Item	Part #	Description	Wiring Item #
FAN ASSEMBLIES, AND THERMOSTATS			
(A)	0378349	Fan Motor, Evaporator	(1)
	0142780	Fan Blade Embossing toward motor	

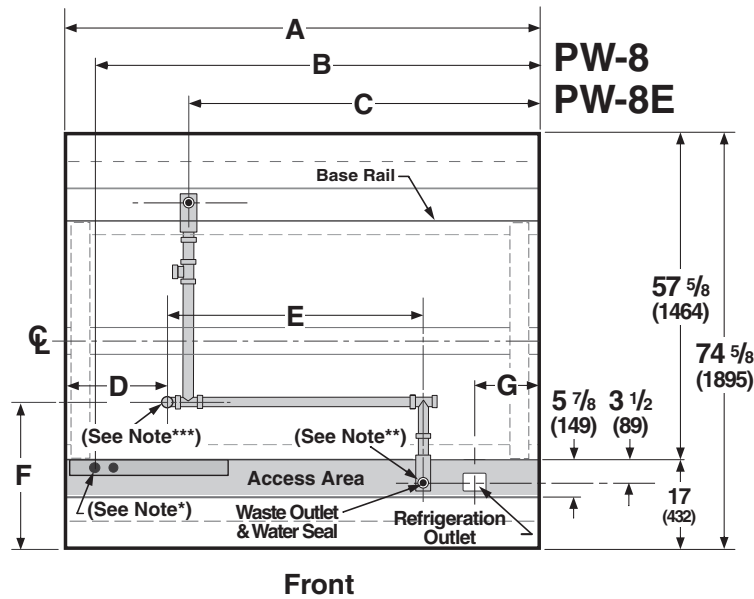
NOTE: Changed items have been underlined.

Engineering Plan Views

Wide Island Bulk Produce

07-2003

Dimensions are shown as inches & (mm).



General	4 Ft	6 Ft	8 Ft	12 Ft
(A) Case Length	48 1/4 (1226)	72 1/4 (1835)	96 3/8 (2448)	144 1/2 (3670)
Maximum outside dimension of case back to front (includes bumper)	74 5/8 (1895)	74 5/8 (1895)	74 5/8 (1895)	74 5/8 (1895)
Front of splashguard to outside edge of front base rail	5 7/8 (149)	5 7/8 (149)	5 7/8 (149)	5 7/8 (149)
Back of case to outside edge of front base rail	57 5/8 (1464)	57 5/8 (1464)	57 5/8 (1464)	57 5/8 (1464)
Front of case to outside edge of front base rail	17 (432)	17 (432)	17 (432)	17 (432)
Width of base rail	2 1/8 (54)	2 1/8 (54)	2 1/8 (54)	2 1/8 (54)
Stub-up area between front base rail and splashguard	4 7/8 (124)	4 7/8 (124)	4 7/8 (124)	4 7/8 (124)
Electrical Service				
(B) Righthand end of case to center of farthest knockout	47 1/4 (1202)	71 1/4 (1810)	95 3/8 (2423)	143 5/8 (3650)
Length of electrical raceway	11 7/8 (303)	34 5/8 (878)	34 5/8 (878)	34 5/8 (878)
*Note: Electrical field wiring connection point.				
Waste Outlet				
(C) Right end of case to center of waste outlet	24 1/8 (613)	46 5/8 (613)	72 1/4 (613)	72 1/4 (613)
Water Seal				
Edge of water seal to center of waste outlet	4 (102)	4 (102)	4 (102)	4 (102)
Center of waste outlet to outside edge of front base rail	3 1/2 (89)	3 1/2 (89)	3 1/2 (89)	3 1/2 (89)
** Note: Field installed water seal outlets, tees, and connectors are shipped with case				
Drip Pipe Outlet				
(D) Left end of case to center of drip pipe outlet	20 3/8 (517)	19 1/2 (495)	19 1/2 (495)	68 1/2 (1740)
(E) Center of waste outlet to center of drip pipe outlet	3 3/4 (95)	24 3/4 (629)	51 7/8 (1318)	3 3/4 (95)
(F) Front of case to center of drip pipe outlet	24 7/8 (632)	25 7/8 (657)	25 7/8 (657)	24 7/8 (632)
Outside diameter of drip pipe lines	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)
***Note: Field drip pipe connection point.				
Refrigeration Outlet				
(G) Righthand end of case to center of refrigeration outlet	9 (230)	9 (230)	9 (230)	9 (230)
Center of refrigeration outlet to outside edge of front base rail	3 1/2 (89)	3 1/2 (89)	3 1/2 (89)	3 1/2 (89)

REFRIGERATION DATA

Note: This data is based on store temperature and humidity that does not exceed 75°F and 55% R.H.

	PW 6,8,12	PW 4,6,8,12E
Discharge Air (°F)	34	34
Evaporator(°F)	21	24
Unit Sizing (°F)	19	22

	PW 6,8,12	PW 4,6,8,12E
Btu/hr/ft*		
Parallel	1230	1090
Conventional	1355	1205

*For all refrigeration equipment other than Hussmann, use conventional Btu values.

DEFROST DATA

	PW 6,8,12	PW 4,6,8,12E
Frequency (hr)	6	6
Defrost Water (lb/ft/day)	8	8

(± 15% based on case configuration and product loading).

	PW 6,8,12	PW 4,6,8,12E
OFFTIME		
Temp Term (°F)	N/A	N/A
Failsafe (min)	45	45

CONVENTIONAL CONTROLS**Low Pressure Backup Control**

	PW 6,8,12	PW 4,6,8,12E
CI/CO**	14°/4° F	17°/7° F

Indoor Unit Only, Pressure Defrost

Termination**	48° F	48° F
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**Use a Temperature Pressure Chart to determine PSIG conversions.

PHYSICAL DATA

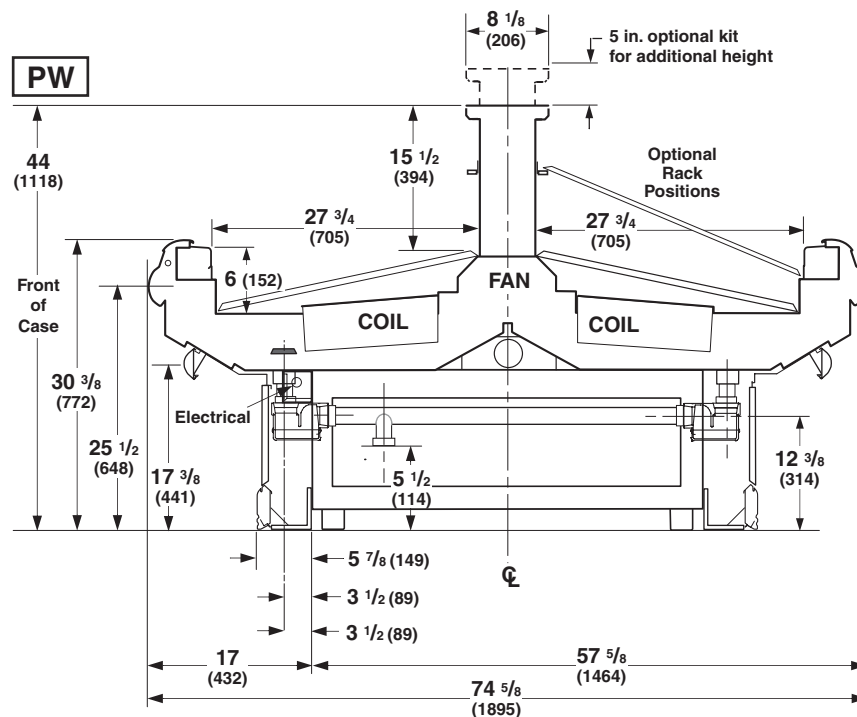
Merchandise Drip Pipe (in.)	1 1/2
Liquid Line (in.)	3/8
Suction Line (in.)	7/8

	PW 6,8,12	PW 4,6,8,12E
Estimated Charge (lb)***		
4 ft	1.9	2.3
6 ft	1.9	2.3
8 ft	2.4	2.8
12 ft	3.7	4.3

***This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately half a pound.

Length Added to Lineup by Each End/Partition (in.)	1 1/2
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Dimensions are shown as inches & (mm).

**NSF Certification**

These merchandisers are manufactured to meet ANSI /National Sanitation Foundation (NSF®) Standard #7 requirements.

Impact PW Produce

Electrical Data

Number of Fans	4 ft	6 ft	8 ft	12 ft
Refrigeration — 9W	1	1	2	3
Refrigeration — 9W (Export)	1	1	2	3

Merchandise	Amperes				Watts			
	4 ft	6 ft	8 ft	12 ft	4 ft	6 ft	8 ft	12 ft

Fans (Refrigeration)

Standard (120V 60Hz)	<u>0.77</u>	<u>0.77</u>	<u>1.54</u>	<u>2.31</u>	<u>62</u>	<u>62</u>	<u>124</u>	<u>186</u>
Energy Efficient (120V 60Hz)	<u>0.38</u>	<u>0.38</u>	<u>0.76</u>	<u>1.14</u>	<u>25</u>	<u>25</u>	<u>50</u>	<u>75</u>
Export (230V 50 Hz)	<u>0.47</u>	<u>0.47</u>	<u>0.94</u>	<u>1.41</u>	<u>70</u>	<u>70</u>	<u>140</u>	<u>210</u>

Min. Circuit Ampacity

With Standard Fans (120V 60Hz)	<u>0.97</u>	<u>0.97</u>	<u>1.74</u>	<u>2.51</u>
With Energy Efficient Fans (120V 60Hz)	<u>0.58</u>	<u>0.58</u>	<u>0.96</u>	<u>1.34</u>
With Export Fans (230V 50 Hz)	0.45	0.45	0.70	0.95

Maximum Over Current Protection 120V	20	20	20	20
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Maximum Over Current Protection 230V	15	15	15	15
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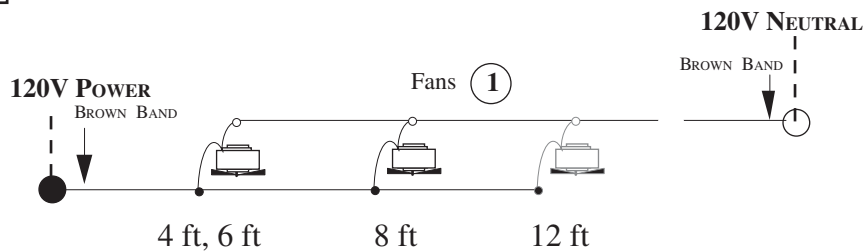
Standard Lighting
None

Optional Lighting
None

Optional Shelf Lighting
None

Fan Wiring Offtime Defrost

1, 2 & 3 Fans



WARNING

All components must have a mechanical ground, and the merchandiser must be grounded.

CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

● = 120V POWER ○ = 120V NEUTRAL