

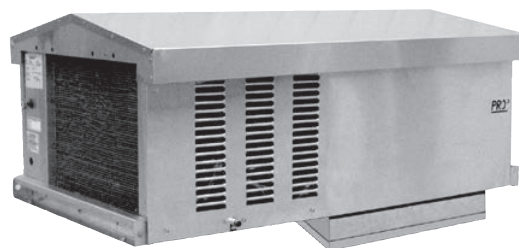


# *PRO<sup>3</sup> Top Mount & Side Mount Packaged Refrigeration Systems*

## Technical Guide

Models PTN | PTT | PST

For Indoor and Outdoor Applications



**CLIMATE**  
  
**CONTROL**

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Heatcraft Climate Control products and options are designed to exceed current energy and environmental standards. We have made a conscious commitment to developing environmentally innovative products that allow our customers to make energy efficient, eco-conscious choices. Climate Control products reduce costs, improve bottom line, and enhance both equipment performance and service life. The PRO<sup>3</sup> Top Mount and Side Mount packaged refrigeration systems have a reduced refrigerant charge compared to comparable split systems. Also, EC motors are available for the evaporator portion of these units for increased energy efficiency and decreased energy costs.

## Top Mount

| Nomenclature                                       |                    |                      |                  |                               |                  |                  |                     |
|----------------------------------------------------|--------------------|----------------------|------------------|-------------------------------|------------------|------------------|---------------------|
| P                                                  | T                  | N                    | 072              | H                             | 6                | B                | H                   |
| Product Line                                       | Design Orientation | Application Location | Nominal Capacity | Temperature Range             | Refrigerant Type | Voltage          | Motor               |
| P = PRO <sup>3</sup> Packaged Refrigeration System | T = Top Mount      | N = Indoor           | # = BTUH X 100   | H = High/Medium               | 6 = R-404A       | A = 115/1/60     | H = PSC             |
|                                                    | T = Outdoor        |                      |                  | L = Low                       |                  | B = 208-230/1/60 | E = EC (evap. only) |
|                                                    |                    |                      |                  | M = Medium w/electric defrost |                  | C = 208-230/3/60 |                     |

## Side Mount

| Nomenclature                                       |                    |                      |                  |                               |                  |                  |                     |
|----------------------------------------------------|--------------------|----------------------|------------------|-------------------------------|------------------|------------------|---------------------|
| P                                                  | S                  | T                    | 072              | L                             | 6                | B                | H                   |
| Product Line                                       | Design Orientation | Application Location | Nominal Capacity | Temperature Range             | Refrigerant Type | Voltage          | Motor               |
| P = PRO <sup>3</sup> Packaged Refrigeration System | S = Side Mount     | T = Outdoor          | # = BTUH X 100   | H = High/Medium               | 6 = R-404A       | B = 208-230/1/60 | H = PSC             |
|                                                    |                    |                      |                  | L = Low                       |                  |                  | E = EC (evap. only) |
|                                                    |                    |                      |                  | M = Medium w/electric defrost |                  |                  |                     |

# FEATURES AND BENEFITS

The PRO<sup>3</sup> Top Mount and Side Mount packaged refrigeration systems combine evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy.

These systems are designed to maximize storage space inside walk-in coolers or freezers and are ideal for small- to medium-sized restaurant and convenience store applications.

Systems are fully-assembled, evacuated, charged, run-tested and wired at the factory. No additional components are required.



*NSF listing applies to evaporator grill portion.*

**PRO<sup>3</sup> Top Mount Installed**



**PRO<sup>3</sup> Side Mount Installed**



|                                            | Top Mount                     | Side Mount        |
|--------------------------------------------|-------------------------------|-------------------|
| <b>Primary Application</b>                 |                               |                   |
| Optimized for indoor use                   | ✓                             |                   |
| Optimized for outdoor use                  | ✓                             | ✓                 |
| <b>Aesthetics</b>                          |                               |                   |
| Maximum vertical storage capacity          | ✓                             |                   |
| Restaurant-quality brushed-aluminum finish | ✓                             | ✓                 |
| <b>Performance</b>                         |                               |                   |
| Recommended for temperature pull-down      |                               | ✓                 |
| Ideal for holding temperature              | ✓                             | ✓                 |
| Maximum airflow                            |                               | ✓                 |
| Medium-temp defrost                        |                               | ✓                 |
| <b>Environmentally Friendly</b>            |                               |                   |
| Reduced refrigerant charge                 | ✓                             | ✓                 |
| R-404A ready                               | ✓                             | ✓                 |
| <b>Energy Efficiency</b>                   |                               |                   |
| PSC Motors                                 | ✓                             | ✓                 |
| EC Motors (Evaporator section only)        | Available                     | Available         |
| <b>Ease of Installation</b>                |                               |                   |
| Pre-charged with refrigerant               | ✓                             | ✓                 |
| No refrigerant piping required             | ✓                             | ✓                 |
| Evaporative condensate pan                 | ✓                             | Drain line needed |
| <b>Controls</b>                            |                               |                   |
| Microprocessor control                     | ✓                             | ✓                 |
| <b>Reliable   Durable</b>                  |                               |                   |
| Liquid-line filter drier                   | Medium and large cabinet only | ✓                 |
| Two-year parts warranty                    | ✓                             | ✓                 |

# EC MOTORS FOR PRO3 TOP MOUNT PACKAGED REFRIGERATION SYSTEMS

Introducing the most energy efficient motor available for packaged refrigeration systems. Choosing energy efficient motors for your packaged systems can provide significant energy savings and lower operational costs. Additionally, because these motors can help reduce heat load (and system run-time), they can improve the reliability and longevity of refrigeration equipment.

**Electronically Commutated (EC) motors** even further improve energy efficiency and equipment reliability. EC motors by InterLink™ are up to 75% efficient – that's a 51-59% increase over shaded pole motors and a 30-35% increase over PSC motors. As with PSC motors, you save money both directly from a decrease in motor watts and also from a reduction of heat gain into the refrigerated space.

| High Temperature Model | EC vs PSC Motors | Medium Temperature Model | EC vs PSC Motors | Low Temperature Model                                                                              | EC vs PSC Motors |
|------------------------|------------------|--------------------------|------------------|----------------------------------------------------------------------------------------------------|------------------|
| PTN 026H6              | \$13             | PTN 024M6                | \$13             | PT*021L6                                                                                           | \$18-\$30        |
| PTN 031H6              | \$13             | PTN 029M6                | \$13             | PT*031L6                                                                                           | \$60             |
| PTN 042H6              | \$13             | PTN 040M6                | \$13             | PT*044L6                                                                                           | \$60             |
| PT* 050H6              | \$23-\$32        | PT* 047M6                | \$23-\$32        | PT*052L6                                                                                           | \$91             |
| PT* 067H6              | \$65             | PT* 063M6                | \$65             | PT*069L6                                                                                           | \$91             |
| PT* 076H6              | \$65             | PT* 072M6                | \$65             | <i>† Savings are calculated using a cost of \$.09/kWh</i><br><i>* T For Outdoor, N for Indoor.</i> |                  |
| PT* 104H6              | \$97             | PT* 099M6                | \$97             |                                                                                                    |                  |
| PT* 133H6              | \$97             | PT* 128M6                | \$97             |                                                                                                    |                  |

## PRO<sup>3</sup> Top Mount | Performance, Capacities and Specifications

### Model PTN/PTT High/Medium Temperature | Air Defrost | Cooler Application

| Model    | 80°F Ambient    |        | 90°F Ambient |        | 95°F Ambient |        | 100°F Ambient |        | 110°F Ambient |        |
|----------|-----------------|--------|--------------|--------|--------------|--------|---------------|--------|---------------|--------|
|          | Box Temperature |        |              |        |              |        |               |        |               |        |
|          | 35° F           | 38° F  | 35° F        | 38° F  | 35° F        | 38° F  | 35° F         | 38° F  | 35° F         | 38° F  |
| PTN026H6 | 2,970           | 3,100  | 2,730        | 2,860  | 2,610        | 2,740  | 2,470         | 2,600  | 2,230         | 2,340  |
| PTN031H6 | 3,590           | 3,750  | 3,300        | 3,450  | 3,160        | 3,310  | 2,980         | 3,140  | 2,390         | 2,820  |
| PTN042H6 | 4,950           | 5,170  | 4,560        | 4,760  | 4,360        | 4,570  | 4,110         | 4,330  | 3,710         | 3,890  |
| PT*050H6 | 5,820           | 6,080  | 5,350        | 5,600  | 5,120        | 5,370  | 4,830         | 5,080  | 4,360         | 4,570  |
| PT*067H6 | 7,800           | 8,150  | 7,180        | 7,500  | 6,860        | 7,190  | 6,470         | 6,810  | 5,850         | 6,130  |
| PT*076H6 | 8,610           | 9,060  | 7,890        | 8,260  | 7,500        | 7,840  | 7,100         | 7,420  | 6,270         | 6,540  |
| PT*104H6 | 12,990          | 13,750 | 11,800       | 12,490 | 11,190       | 11,810 | 10,550        | 11,200 | 9,260         | 9,840  |
| PT*133H6 | 14,780          | 15,600 | 13,530       | 14,260 | 12,790       | 13,500 | 12,040        | 12,750 | 10,740        | 11,310 |

### Model PTN/PTT Medium Temperature | Electric Defrost | Freezer Application

| Model    | 80°F Ambient    | 90°F Ambient | 95°F Ambient | 100°F Ambient | 110°F Ambient |
|----------|-----------------|--------------|--------------|---------------|---------------|
|          | Box Temperature |              |              |               |               |
|          | 35° F           | 35° F        | 35° F        | 35° F         | 35° F         |
| PTN024M6 | 2,970           | 2,730        | 2,610        | 2,470         | 2,230         |
| PTN029M6 | 3,590           | 3,300        | 3,160        | 2,980         | 2,390         |
| PTN040M6 | 4,950           | 4,560        | 4,360        | 4,110         | 3,710         |
| PT*047M6 | 5,820           | 5,350        | 5,120        | 4,830         | 4,360         |
| PT*063M6 | 7,800           | 7,180        | 6,860        | 6,470         | 5,850         |
| PT*072M6 | 8,610           | 7,890        | 7,500        | 7,100         | 6,270         |
| PT*099M6 | 12,990          | 11,800       | 11,190       | 10,550        | 9,260         |
| PT*128M6 | 14,780          | 13,530       | 12,790       | 12,040        | 10,740        |

\*T For Outdoor, N for Indoor.

# PRO<sup>3</sup> TOP MOUNT | PERFORMANCE, CAPACITIES AND SPECIFICATIONS

## Model PTN/PTT Low Temperature | Electric Defrost | Freezer Application

| Model    | 80°F Ambient    |        |        | 90°F Ambient |        |        | 95°F Ambient |        |        | 100°F Ambient |        |        | 110°F Ambient |        |        |
|----------|-----------------|--------|--------|--------------|--------|--------|--------------|--------|--------|---------------|--------|--------|---------------|--------|--------|
|          | Box Temperature |        |        |              |        |        |              |        |        |               |        |        |               |        |        |
|          | 0° F            | -10° F | -20° F | 0° F         | -10° F | -20° F | 0° F         | -10° F | -20° F | 0° F          | -10° F | -20° F | 0° F          | -10° F | -20° F |
| PT*021L6 | 3,220           | 2,590  | 1,610  | 2,860        | 2,300  | 1,430  | 2,680        | 2,160  | 1,340  | 2,470         | 1,990  | 1,230  | 2,080         | 1,670  | 1,030  |
| PT*031L6 | 5,060           | 3,830  | 2,470  | 4,500        | 3,400  | 2,200  | 4,220        | 3,190  | 2,060  | 3,880         | 2,940  | 1,900  | 3,260         | 2,470  | 1,600  |
| PT*044L6 | 7,040           | 5,440  | 4,080  | 6,260        | 4,830  | 3,630  | 5,870        | 4,530  | 3,400  | 5,400         | 4,170  | 3,130  | 4,540         | 3,500  | 2,630  |
| PT*052L6 | 8,400           | 6,430  | 4,690  | 7,470        | 5,720  | 4,170  | 7,000        | 5,360  | 3,910  | 6,440         | 4,930  | 3,600  | 5,410         | 4,140  | 3,020  |
| PT*069L6 | 10,870          | 8,520  | 6,300  | 9,670        | 7,850  | 5,600  | 9,060        | 7,100  | 5,250  | 8,340         | 6,530  | 4,830  | 7,010         | 5,490  | 4,060  |

## Model PTN/PTT Electrical Data | Specifications | All Models

| Model       | Compressor Model | Voltage      | MCA  | MOPD | Unit amps | Evaporator CFM | Plug Supplied    | Matching NEMA Receptacle | Dimensions Figure <sup>1</sup> | Approximate Net Weight |     |
|-------------|------------------|--------------|------|------|-----------|----------------|------------------|--------------------------|--------------------------------|------------------------|-----|
|             |                  |              |      |      |           |                |                  |                          |                                | lbs.                   | kg  |
| PTN 026H6A^ | ASE20C4E         | 115/1/60     | 7.4  | 15   | 5.9       | 340            | Yes              | 5-20R                    | A                              | 88                     | 40  |
| PTN 031H6A^ | ASE26C4E         | 115/1/60     | 8.3  | 15   | 6.9       | 340            | Yes              | 5-20R                    | A                              | 90                     | 41  |
| PTN 042H6A^ | ASE35C4E         | 115/1/60     | 11.3 | 15   | 9.3       | 340            | Yes              | 5-20R                    | A                              | 92                     | 42  |
| PTN 050H6A^ | RST45C1E         | 115/1/60     | 14.0 | 20   | 11.6      | 350            | Yes              | 5-20R                    | B                              | 192                    | 87  |
| PT*050H6B^  | RST45C1E         | 208-230/1/60 | 7.0  | 15   | 5.9       | 350            | Yes <sup>2</sup> | 6-15R                    | B                              | 192                    | 87  |
| PT*067H6B^  | RST64C1E         | 208-230/1/60 | 11.5 | 15   | 9.5       | 550            | Yes <sup>2</sup> | 6-15R                    | B                              | 207                    | 94  |
| PT*076H6B^  | RST70C1E         | 208-230/1/60 | 9.7  | 15   | 8.63      | 500            | Yes <sup>2</sup> | 6-15R                    | B                              | 211                    | 95  |
| PT*104H6B^  | CS10K6E          | 208-230/1/60 | 14.8 | 20   | 12.4      | 875            | Yes <sup>2</sup> | 6-20R                    | C                              | 270                    | 122 |
| PT*104H6C^  | CS10K6E          | 208-230/3/60 | 11.0 | 15   | 9.3       | 875            | —                | —                        | C                              | 265                    | 120 |
| PT*133H6B^  | CS12K6E          | 208-230/1/60 | 14.8 | 20   | 12.4      | 825            | Yes <sup>2</sup> | 6-20R                    | C                              | 290                    | 132 |
| PT*133H6C^  | CS12K6E          | 208-230/3/60 | 11.0 | 15   | 9.3       | 825            | —                | —                        | C                              | 285                    | 129 |
| PT*024M6A^  | ASE20C4E         | 115/1/60     | 7.4  | 15   | 5.9       | 340            | Yes              | 5-20R                    | A                              | 88                     | 40  |
| PT*029M6A^  | ASE26C4E         | 115/1/60     | 8.3  | 15   | 6.9       | 340            | Yes              | 5-20R                    | A                              | 90                     | 41  |
| PT*040M6A^  | ASE35C4E         | 115/1/60     | 11.3 | 15   | 9.3       | 340            | Yes              | 5-20R                    | A                              | 92                     | 42  |
| PTN 047M6A^ | RST45C1E         | 115/1/60     | 14.0 | 20   | 11.6      | 350            | Yes              | 5-20R                    | B                              | 192                    | 87  |
| PT*047M6B^  | RST45C1E         | 208-230/1/60 | 7.0  | 15   | 5.9       | 350            | Yes <sup>2</sup> | 6-15R                    | B                              | 192                    | 87  |
| PT*063M6B^  | RST64C1E         | 208-230/1/60 | 11.5 | 15   | 9.5       | 550            | Yes <sup>2</sup> | 6-15R                    | B                              | 207                    | 94  |
| PT*072M6B^  | RST70C1E         | 208-230/1/60 | 9.7  | 15   | 8.63      | 500            | Yes <sup>2</sup> | 6-15R                    | B                              | 211                    | 95  |
| PT*099M6B^  | CS10K6E          | 208-230/1/60 | 14.8 | 20   | 12.4      | 875            | Yes <sup>2</sup> | 6-20R                    | C                              | 270                    | 122 |
| PT*099M6C^  | CS10K6E          | 208-230/3/60 | 11.0 | 15   | 9.3       | 875            | —                | —                        | C                              | 265                    | 120 |
| PT*128M6B^  | CS12K6E          | 208-230/1/60 | 14.8 | 20   | 12.4      | 825            | Yes <sup>2</sup> | 6-20R                    | C                              | 290                    | 132 |
| PT*128M6C^  | CS12K6E          | 208-230/3/60 | 11.0 | 15   | 9.3       | 825            | —                | —                        | C                              | 285                    | 129 |
| PT*021L6A^  | AJA2425ZXD       | 115/1/60     | 14.5 | 20   | 12.3      | 350            | Yes              | 5-20R                    | B                              | 213                    | 97  |
| PT*021L6B^  | AJA2425ZXD       | 208-230/1/60 | 7.6  | 15   | 6.5       | 350            | Yes <sup>2</sup> | 6-15R                    | B                              | 213                    | 97  |
| PT*031L6B^  | CF04K6E          | 208-230/1/60 | 13.8 | 15   | 11.6      | 550            | Yes <sup>2</sup> | 6-15R                    | B                              | 221                    | 100 |
| PT*044L6B^  | CF06K6E          | 208-230/1/60 | 15.9 | 20   | 13.3      | 520            | Yes <sup>2</sup> | 6-20R                    | B                              | 225                    | 102 |
| PT*052L6B^  | CF06K6E          | 208-230/1/60 | 18.1 | 20   | 15.3      | 900            | —                | —                        | C                              | 275                    | 125 |
| PT*052L6C^  | CF06K6E          | 208-230/3/60 | 12.2 | 15   | 13.0      | 900            | —                | —                        | C                              | 270                    | 122 |
| PT*069L6B^  | CF09K6E          | 208-230/1/60 | 23.8 | 30   | 20.0      | 875            | —                | —                        | C                              | 280                    | 127 |
| PT*069L6C^  | CF09K6E          | 208-230/3/60 | 15.9 | 20   | 14.2      | 875            | —                | —                        | C                              | 275                    | 125 |

^ Indicates either E for EC evaporator motor or H for PSC evaporator motor

\*T For Outdoor, N for Indoor.

2 Plug Supplied on Indoor models only.

1 See dimensions page 6.

## AWEF VALUES: MEDIUM/HIGH TEMPERATURE SYSTEMS COOLER APPLICATION

| MODEL    | INDOOR | OUTDOOR |
|----------|--------|---------|
|          | R404A  | R404A   |
| PTN026H6 | 1.76   | -       |
| PTN031H6 | 2.07   | -       |
| PTN042H6 | 2.17   | -       |
| PT*050H6 | 2.56   | 3.02^   |
| PT*067H6 | 2.04   | 2.41    |
| PT*076H6 | 2.37   | 2.87    |
| PT*104H6 | 2.41   | 2.89    |
| PT*133H6 | 2.53   | 3.16    |
| PTN024M6 | 1.76   | -       |
| PTN029M6 | 2.07   | -       |
| PTN040M6 | 2.17   | -       |
| PT*047M6 | 2.56   | 3.02^   |
| PT*063M6 | 2.04   | 2.41    |
| PT*072M6 | 2.37   | 2.87    |
| PT*099M6 | 2.41   | 2.89    |
| PT*128M6 | 2.53   | 3.16    |

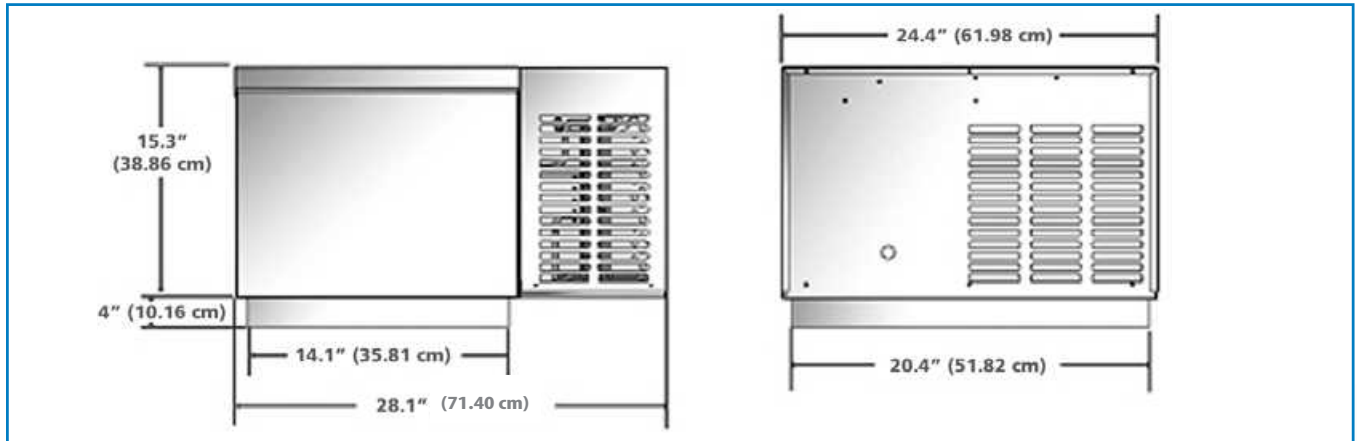
***These refrigeration systems are designed and certified for use in walk-in cooler applications.***

\* T= Outdoors, N = Indoors

^ = Outdoor is only available for 230/1/60 Units

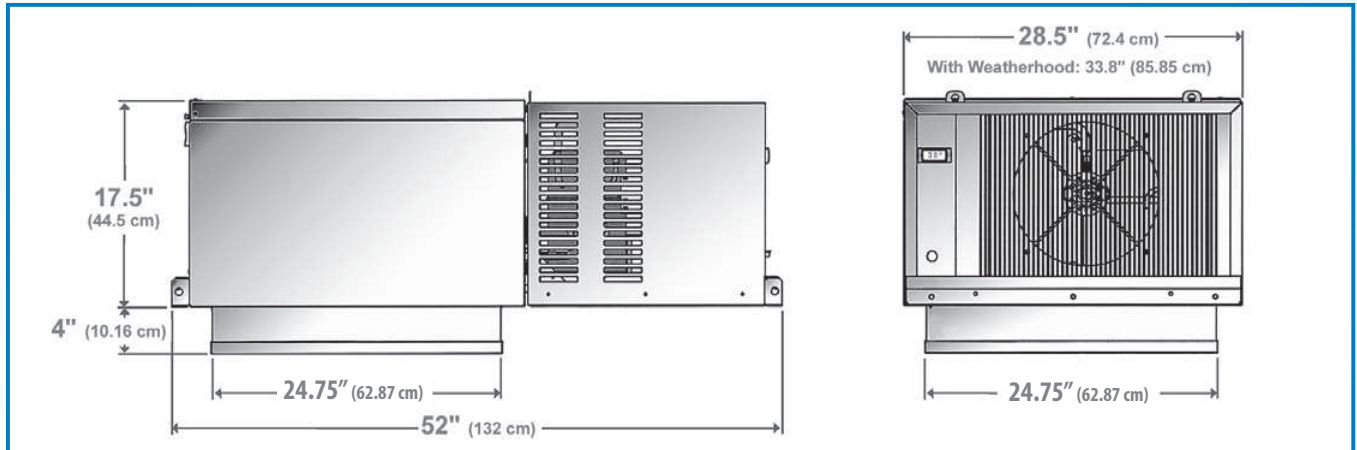
# PRO<sup>3</sup> TOP MOUNT | DIMENSIONS

**Figure A** Small Cabinet Design (indoor only)



14.5"x20.75" panel opening required for evaporator section of small cabinet sizes.

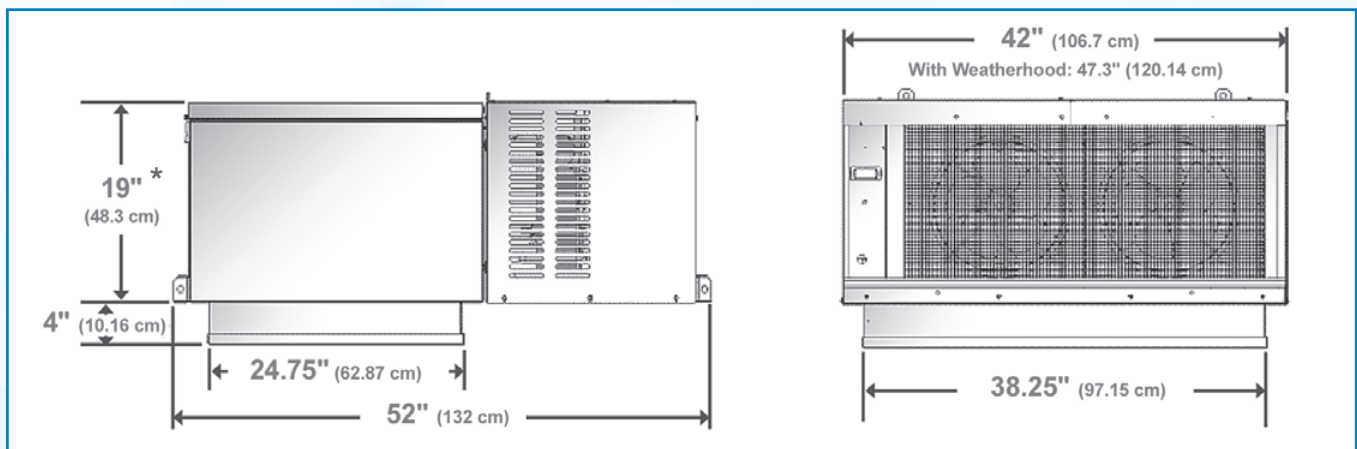
**Figure B** Medium Cabinet Design



25"x25" panel opening required for evaporator section of medium cabinet sizes.

~ 21.5" (54.61 cm) on outdoor models with weatherhood

**Figure C** Large Cabinet Design



25"x38.5" panel opening required for evaporator section of large cabinet sizes.

\*- 23.5" (59.69 cm) on outdoor models with weatherhood

\* For installation instructions refer to the Installation and Operation Manual.

# PRO<sup>3</sup> SIDE MOUNT | PERFORMANCE, CAPACITIES AND SPECIFICATIONS

## Model PST High/Medium Temperature | Air Defrost | Cooler Application

| Model      | 80° F Ambient   |        | 90° F Ambient |        | 95° F Ambient |        | 100° F Ambient |        | 110° F Ambient |        |
|------------|-----------------|--------|---------------|--------|---------------|--------|----------------|--------|----------------|--------|
|            | Box Temperature |        |               |        |               |        |                |        |                |        |
|            | 35° F           | 38° F  | 35° F         | 38° F  | 35° F         | 38° F  | 35° F          | 38° F  | 35° F          | 38° F  |
| PST070H6B* | 7,066           | 7,414  | 6,860         | 7,198  | 6,641         | 6,968  | 6,442          | 6,759  | 5,678          | 5,957  |
| PST090H6B* | 9,196           | 9,644  | 8,928         | 9,363  | 8,643         | 9,064  | 8,383          | 8,792  | 7,389          | 7,749  |
| PST131H6B* | 13,244          | 13,946 | 12,859        | 13,540 | 12,448        | 13,107 | 12,074         | 12,714 | 10,643         | 11,207 |
| PST147H6B* | 14,982          | 15,702 | 14,545        | 15,245 | 14,081        | 14,758 | 13,658         | 14,315 | 12,039         | 12,618 |

## Model PST Medium Temperature | Electric Defrost | Cooler Application

| Model      | 80° F Ambient         | 90° F Ambient | 95° F Ambient | 100° F Ambient | 110° F Ambient |
|------------|-----------------------|---------------|---------------|----------------|----------------|
|            | 35° F Box Temperature |               |               |                |                |
| PST066M6B* | 7,066                 | 6,860         | 6,641         | 6,442          | 5,678          |
| PST086M6B* | 9,196                 | 8,928         | 8,643         | 8,383          | 7,389          |
| PST124M6B* | 13,244                | 12,859        | 12,448        | 12,074         | 10,643         |
| PST141M6B* | 14,982                | 14,545        | 14,081        | 13,658         | 12,039         |

## Model PST Low Temperature | Electric Defrost | Freezer Application

| Model      | 80° F Ambient   |        |        | 90° F Ambient |        |        | 95° F Ambient |        |        | 100° F Ambient |        |        | 110° F Ambient |        |        |
|------------|-----------------|--------|--------|---------------|--------|--------|---------------|--------|--------|----------------|--------|--------|----------------|--------|--------|
|            | Box Temperature |        |        |               |        |        |               |        |        |                |        |        |                |        |        |
|            | 0° F            | -10° F | -20° F | 0° F          | -10° F | -20° F | 0° F          | -10° F | -20° F | 0° F           | -10° F | -20° F | 0° F           | -10° F | -20° F |
| PST034L6B* | 5,584           | 4,052  | 2,659  | 5,031         | 3,651  | 2,395  | 4,746         | 3,444  | 2,260  | 4,366          | 3,168  | 2,079  | 3,726          | 2,704  | 1,774  |
| PST051L6B* | 7,683           | 6,025  | 4,377  | 6,922         | 5,428  | 3,943  | 6,530         | 5,121  | 3,720  | 6,008          | 4,711  | 3,423  | 5,126          | 4,020  | 2,920  |
| PST057L6B* | 8,873           | 6,748  | 4,609  | 7,994         | 6,079  | 4,153  | 7,541         | 5,735  | 3,918  | 6,938          | 5,276  | 3,604  | 5,920          | 4,502  | 3,075  |
| PST077L6B* | 11,769          | 9,079  | 6,694  | 10,602        | 8,179  | 6,030  | 10,002        | 7,716  | 5,689  | 9,202          | 7,099  | 5,234  | 7,852          | 6,057  | 4,466  |

## Model PST Electrical Data | Specifications

| Model      | Compressor Model | Voltage      | MCA  | MOPD | Evaporator CFM | Dimensions Figure <sup>1</sup> | Approximate Net Weight |     |
|------------|------------------|--------------|------|------|----------------|--------------------------------|------------------------|-----|
|            |                  |              |      |      |                |                                | lbs.                   | kg  |
| PST070H6B* | RST64C1E         | 208-230/1/60 | 15.0 | 20.0 | 625            | D                              | 260                    | 118 |
| PST090H6B* | RST70C1E         | 208-230/1/60 | 15.0 | 20.0 | 625            | D                              | 265                    | 120 |
| PST131H6B* | CS10K6E          | 208-230/1/60 | 15.0 | 20.0 | 1,350          | E                              | 320                    | 145 |
| PST147H6B* | CS12K6E          | 208-230/1/60 | 15.0 | 20.0 | 1,350          | E                              | 325                    | 148 |
| PST066M6B* | RST64C1E         | 208-230/1/60 | 15.0 | 20.0 | 625            | D                              | 260                    | 118 |
| PST086M6B* | RST70C1E         | 208-230/1/60 | 15.0 | 20.0 | 625            | D                              | 265                    | 120 |
| PST124M6B* | CS10K6E          | 208-230/1/60 | 15.0 | 20.0 | 1,350          | E                              | 320                    | 145 |
| PST141M6B* | CS12K6E          | 208-230/1/60 | 15.0 | 20.0 | 1,350          | E                              | 325                    | 148 |
| PST034L6B* | CF04K6E          | 208-230/1/60 | 15.0 | 20.0 | 625            | D                              | 260                    | 118 |
| PST051L6B* | CF06K6E          | 208-230/1/60 | 15.0 | 20.0 | 625            | D                              | 265                    | 120 |
| PST057L6B* | CF06K6E          | 208-230/1/60 | 15.0 | 20.0 | 1,350          | E                              | 320                    | 145 |
| PST077L6B* | CF09K6E          | 208-230/1/60 | 20.7 | 35.0 | 1,350          | E                              | 325                    | 148 |

\* H for PSC, E for EC motor on evaporator section only.

<sup>1</sup> See dimensional diagrams, page 8 and 9.

## AWEF VALUES: MEDIUM/HIGH TEMPERATURE SYSTEMS COOLER APPLICATION

| MODEL    | INDOOR | OUTDOOR |
|----------|--------|---------|
|          | R404A  | R404A   |
| PST066M6 | -      | 3.45    |
| PST086M6 | -      | 4.16    |
| PST124M6 | -      | 3.73    |
| PST141M6 | -      | 4.13    |

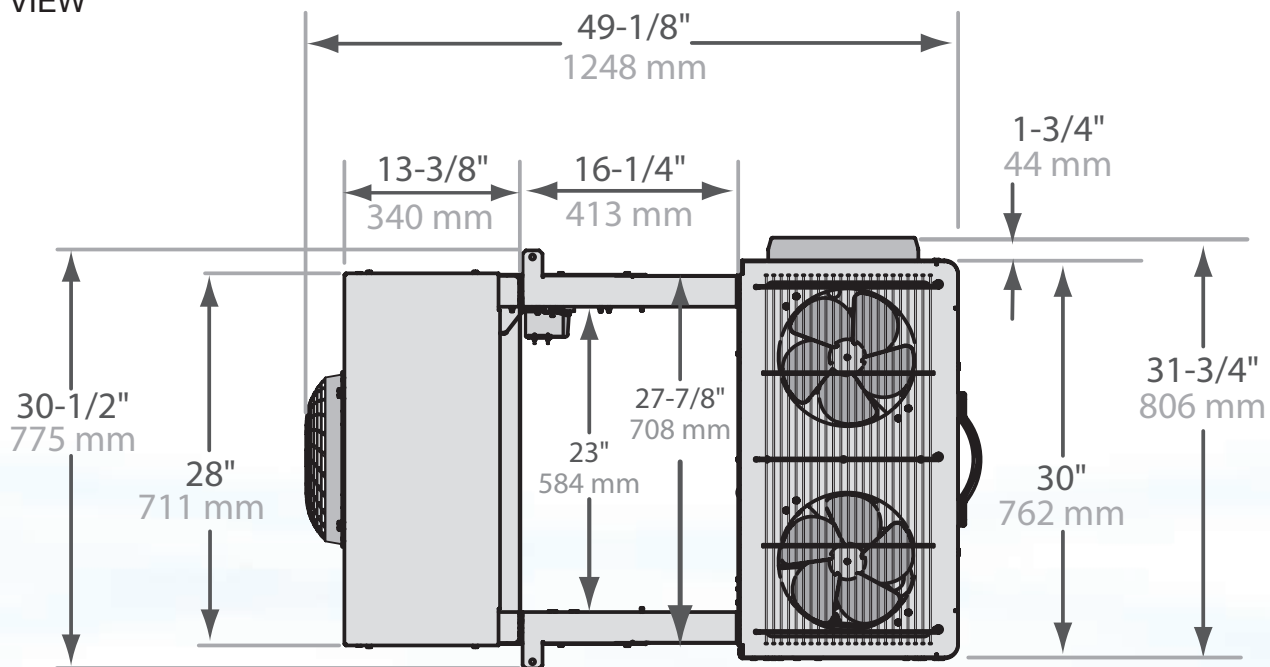
***These refrigeration systems are designed and certified for use in walk-in cooler applications.***

PST= Outdoors

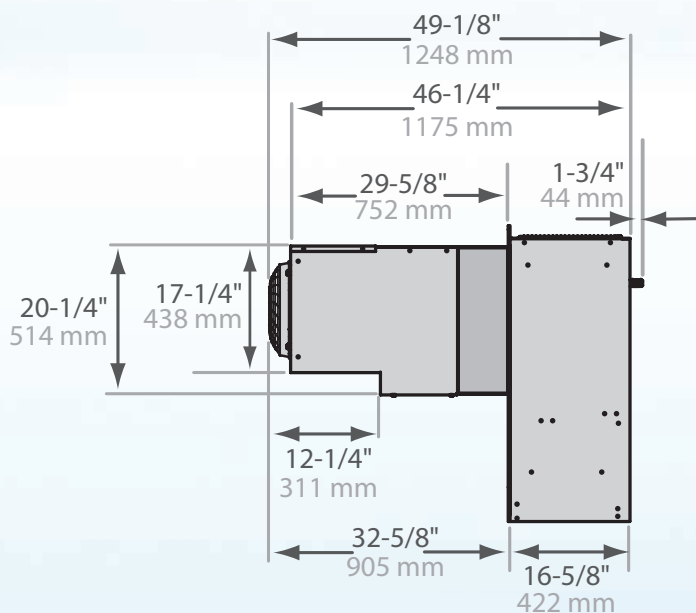
# PRO<sup>3</sup> SIDE MOUNT | DIMENSIONS

**Figure D** Model PST | Small Cabinet

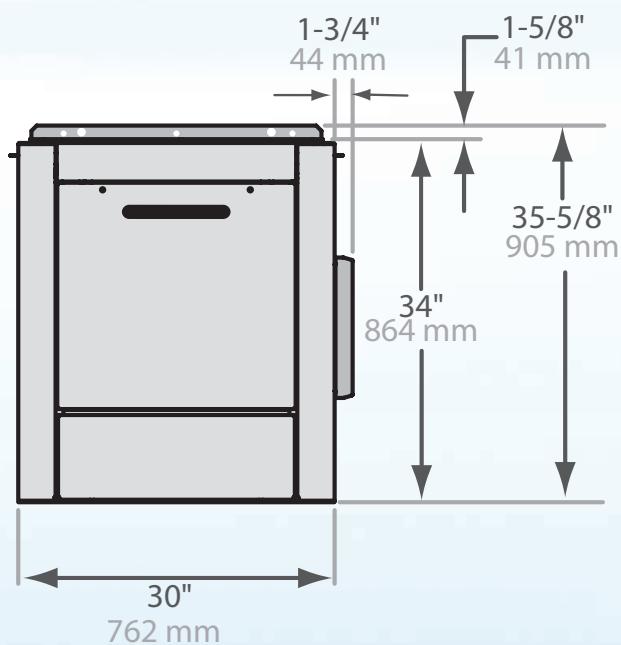
## TOP VIEW



## SIDE VIEW



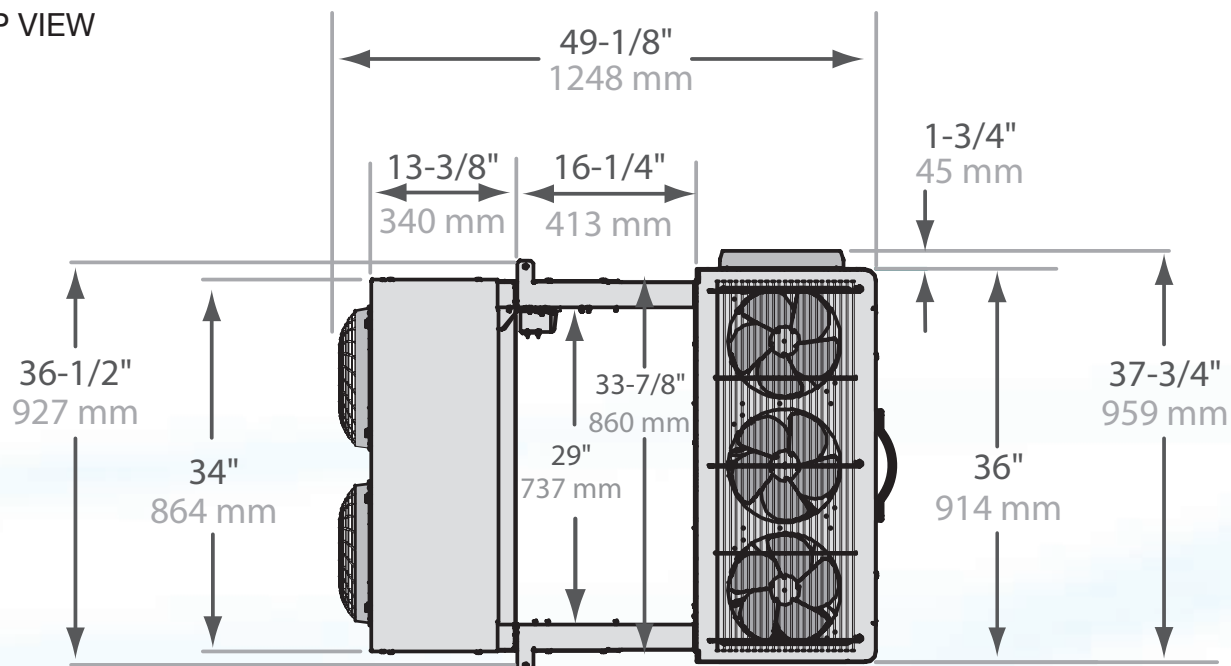
## BACK VIEW



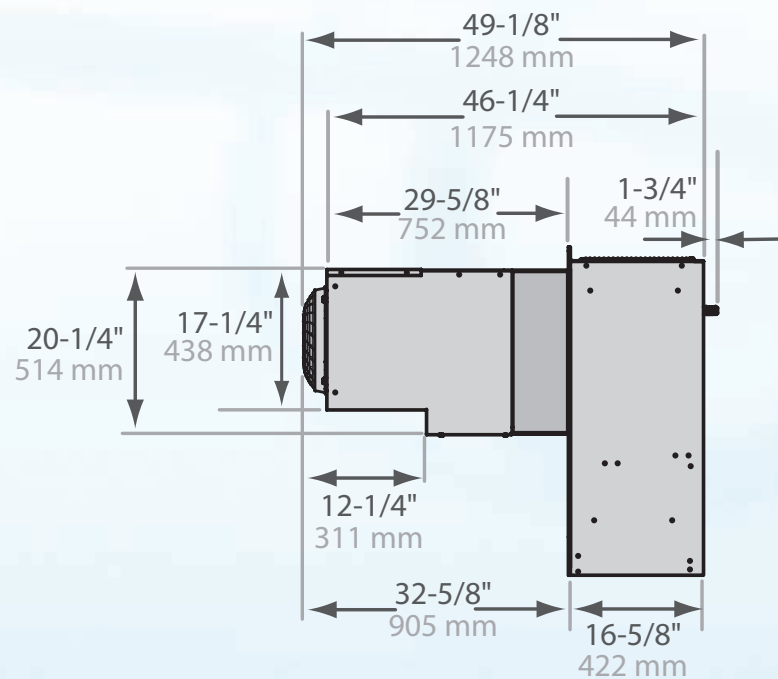
# PRO<sup>3</sup> SIDE MOUNT | DIMENSIONS

**Figure E** Model PST | Large Cabinet

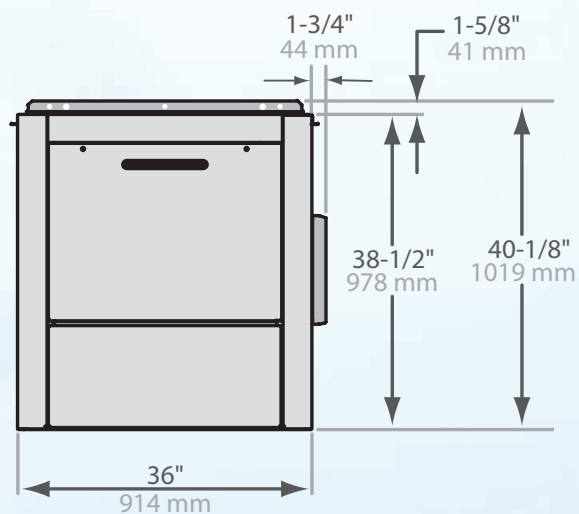
TOP VIEW



SIDE VIEW



BACK VIEW



# REPLACEMENT PARTS



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| Part Description    |                         | Part Number | PRO <sup>3</sup> Top Mount Indoor Models |            |            |            |            |            |            |            |            |            |                 |            |            |            |            |            |            |            |            |            |                 |            |            |            |            |            |            |            |
|---------------------|-------------------------|-------------|------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|------------|------------|------------|------------|------------|------------|------------|
|                     |                         |             | High Temp                                |            |            |            |            |            |            |            |            |            | Med Temp        |            |            |            |            |            |            |            |            |            | Low Temp        |            |            |            |            |            |            |            |
|                     |                         |             | PTN026H6A^                               | PTN031H6A^ | PTN042H6A^ | PTN050H6A^ | PTN024M6A^ | PTN029M6A^ | PTN040M6A^ | PTN047M6A^ | PTN019L6A^ | PTN021L6A^ | PTN024M6A^      | PTN029M6A^ | PTN040M6A^ | PTN047M6A^ | PTN047M6B^ | PTN063M6B^ | PTN072M6B^ | PTN099M6B^ | PTN099M6C^ | PTN128M6B^ | PTN128M6C^      | PTN019L6A^ | PTN021L6A^ | PTN021L6B^ | PTN031L6B^ | PTN044L6B^ | PTN052L6B^ | PTN052L6C^ |
| Fan Blades          | Evaporator              | 22901901    | 1 1 2 2 3 3 3                            |            |            |            |            |            |            |            |            |            | 1 1 2 2 3 3 3 3 |            |            |            |            |            |            |            |            |            | 1 1 2 2 3 3 3 3 |            |            |            |            |            |            |            |
|                     | Evaporator              | 23100501    | 1 1 1                                    |            |            |            |            |            |            |            |            |            | 1 1 1           |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
|                     | Condenser               | 22900701    | 1 1 1 1 2 2 2                            |            |            |            |            |            |            |            |            |            | 1 1 1 1 2 2 2 2 |            |            |            |            |            |            |            |            |            | 1 1 1 1 2 2 2 2 |            |            |            |            |            |            |            |
|                     | Condenser               | 22900601    | 1 1 1                                    |            |            |            |            |            |            |            |            |            | 1 1 1           |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
| Fan Motors          | Evaporator (208-230V)   | 25307801    |                                          |            |            |            |            |            |            |            |            |            | 1 2 2 3 3 3 3   |            |            |            |            |            |            |            |            |            | 1 2 2 3 3 3 3   |            |            |            |            |            |            |            |
|                     | Evaporator (115V)*      | 25319301    | 1 1 1 1 1 1                              |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
|                     | Evaporator (115V)*      | 25319401    | 1 1 1                                    |            |            |            |            |            |            |            |            |            | 1 1 1           |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
|                     | Condenser (208-230V)    | 25307801    |                                          |            |            |            |            |            |            |            |            |            | 1 1 1 2 2 2 2   |            |            |            |            |            |            |            |            |            | 1 1 1 2 2 2 2   |            |            |            |            |            |            |            |
|                     | Condenser (115V)*       | 25308501    | 1 1 1 1 1 1 1 1                          |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
|                     | Evap Fan Motor Bracket  | 4000104     | 1 1 2 2 3 3 3                            |            |            |            |            |            |            |            |            |            | 1 1 2 2 3 3 3 3 |            |            |            |            |            |            |            |            |            | 1 1 2 2 3 3 3 3 |            |            |            |            |            |            |            |
|                     | Evap Fan Motor Bracket  | 23101401    | 1 1 1                                    |            |            |            |            |            |            |            |            |            | 1 1 1           |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
|                     | Cond Fan Motor Bracket  | 23103301    | 1 1 1 1 2 2 2                            |            |            |            |            |            |            |            |            |            | 1 1 1 1 2 2 2 2 |            |            |            |            |            |            |            |            |            | 1 1 1 1 2 2 2 2 |            |            |            |            |            |            |            |
| Contactors          | 25A, 208-230            | 2259996     | 1                                        |            |            |            |            |            |            |            |            |            | 1 1             |            |            |            |            |            |            |            |            |            | 1 1             |            |            |            |            |            |            |            |
|                     | 20A, 115V               | 2252303     | 1 1 1 1                                  |            |            |            |            |            |            |            |            |            | 1 1 1 1         |            |            |            |            |            |            |            |            |            | 1 1             |            |            |            |            |            |            |            |
|                     | 20A, 230V               | R034915200  | 1 1 1 1 1                                |            |            |            |            |            |            |            |            |            | 1 1 1 1 1       |            |            |            |            |            |            |            |            |            | 1 1 1 1 1       |            |            |            |            |            |            |            |
| Temperature Control | Temp Control (208-230V) | 21301001    | 1 1 1 1 1 1                              |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1   |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1   |            |            |            |            |            |            |            |
|                     | Temp Control (115V)     | 21301101    | 1 1 1 1                                  |            |            |            |            |            |            |            |            |            | 1 1 1 1         |            |            |            |            |            |            |            |            |            | 1 1             |            |            |            |            |            |            |            |
|                     | Room Temp Sensor        | 28913702    | 1 1 1 1 1 1 1 1                          |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1 1 |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1 1 |            |            |            |            |            |            |            |
|                     | Defrost Temp Sensor     | 28913701    | 1 1 1 1 1 1 1 1                          |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1 1 |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1 1 |            |            |            |            |            |            |            |
|                     | Heater Limit Thermostat | 5708L       | 1 1 1 1 1 1 1 1                          |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1 1 |            |            |            |            |            |            |            |            |            | 1 1 1 1 1 1 1 1 |            |            |            |            |            |            |            |
| Defrost Heaters     | Defrost Heaters (115V)  | 24751901    |                                          |            |            |            |            |            |            |            |            |            | 1 1 1           |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |
|                     | Defrost Heaters (115V)  | 24712101    |                                          |            |            |            |            |            |            |            |            |            | 1               |            |            |            |            |            |            |            |            |            | 3               |            |            |            |            |            |            |            |
|                     | Defrost Heaters (230V)  | 4312F       |                                          |            |            |            |            |            |            |            |            |            | 3 3 3           |            |            |            |            |            |            |            |            |            | 3 3 3           |            |            |            |            |            |            |            |
|                     | Defrost Heaters (230V)  | 4313F       |                                          |            |            |            |            |            |            |            |            |            | 3 3 3 3         |            |            |            |            |            |            |            |            |            | 3 3 3 3         |            |            |            |            |            |            |            |

<sup>^</sup> H for PSC, E for EC motor on evaporator section only.

\*PSC motor option (H designation on end of model name): part 25319301 = 25399201, part 25319401 = 25308501, part 25308501 = 25308501. Contact InterLink Parts at 800-686-7278.

# REPLACEMENT PARTS

|                     |                          |             | PRO <sup>3</sup> Top Mount Outdoor Models |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|---------------------|--------------------------|-------------|-------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Part Description    |                          | Part Number | High Temp                                 |            |            |            |            |            | Med Temp   |            |            |            |            |            | Low Temp   |            |            |            |            |            |
|                     |                          |             | PTT050H6B^                                | PTT067H6B^ | PTT076H6B^ | PTT104H6B^ | PTT104H6C^ | PTT133H6B^ | PTT133H6C^ | PTT047M6B^ | PTT063M6B^ | PTT072M6B^ | PTT099M6B^ | PTT099M6C^ | PTT128M6B^ | PTT128M6C^ | PTT021L6B^ | PTT031L6B^ | PTT044L6B^ | PTT052L6B^ |
|                     |                          |             | PTT052L6C^                                | PTT069L6B^ | PTT069L6C^ |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| Fan Blades          | Evaporator               | 22901901    | 1                                         | 2          | 2          | 3          | 3          | 3          | 3          | 1          | 2          | 2          | 3          | 3          | 3          | 3          | 1          | 2          | 2          | 3          |
|                     | Condenser                | 22900701    | 1                                         | 1          | 1          | 2          | 2          | 2          | 2          | 1          | 1          | 1          | 2          | 2          | 2          | 2          | 1          | 1          | 1          | 2          |
| Fan Motors          | Evaporator (208-230V)*   | 25319501    | 1                                         | 2          | 2          | 3          | 3          | 3          | 3          | 1          | 2          | 2          | 3          | 3          | 3          | 3          | 1          | 2          | 2          | 3          |
|                     | Condenser (208-230V)*    | 25308601    | 1                                         | 1          | 1          | 2          | 2          | 2          | 2          | 1          | 1          | 1          | 2          | 2          | 2          | 2          | 1          | 1          | 1          | 2          |
|                     | Evap Fan Motor Bracket   | 4000104     | 1                                         | 2          | 2          | 3          | 3          | 3          | 3          | 1          | 2          | 2          | 3          | 3          | 3          | 3          | 1          | 2          | 2          | 3          |
|                     | Cond Fan Motor Bracket   | 23103301    | 1                                         | 1          | 1          | 2          | 2          | 2          | 2          | 1          | 1          | 1          | 2          | 2          | 2          | 2          | 1          | 1          | 1          | 2          |
| Contactors          | 25A, 208-230             | 2259996     |                                           |            |            |            | 1          | 1          |            |            |            |            | 1          | 1          |            |            |            |            | 1          | 1          |
|                     | 20A, 115V                | 2252303     |                                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                     | 20A, 230V                | R034915200  | 1                                         | 1          | 1          | 1          |            | 1          |            | 1          | 1          | 1          | 1          |            | 1          |            | 1          | 1          | 1          | 1          |
| Temperature Control | Temp Control (208-230V)  | 21301001    | 1                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                     | Temp Control (115V)      | 21301101    |                                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                     | Room Temp Sensor         | 28913702    | 1                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                     | Defrost Temp Sensor      | 28913701    | 1                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                     | Heater Limit Thermostat  | 5708L       | 1                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| Defrost Heater      | Defrost Heaters (230V)   | 4312F       |                                           |            |            |            |            |            |            | 3          | 3          | 3          |            |            |            |            | 3          | 3          | 3          |            |
|                     | Defrost Heaters (230V)   | 4313F       |                                           |            |            |            |            |            |            |            |            |            | 3          | 3          | 3          | 3          |            |            | 3          | 3          |
| Outdoor Parts       | Fan Pressure Control     | 28917301    | 1                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                     | Fan Temp Control         | 5521R       |                                           |            |            | 1          | 1          | 1          | 1          |            |            |            | 1          | 1          | 1          | 1          |            |            | 1          | 1          |
|                     | Drain Line Heater        | 24753401    | 1                                         | 1          | 1          |            |            |            |            | 1          | 1          |            |            |            |            |            |            |            |            |            |
|                     | Drain Line Heater T'stat | 28917401    | 1                                         | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                     | Weatherhood Medium       | 50047901    | 1                                         | 1          |            |            |            |            |            | 1          | 1          |            |            |            |            |            | 1          | 1          | 1          |            |
|                     | Weatherhood Large        | 50047801    |                                           |            |            |            |            |            |            |            |            | 1          | 1          | 1          | 1          | 1          |            |            | 1          | 1          |

^ H for PSC, E for EC motor on evaporator section only.

\*PSC motor option (H designation on end of model name): part 25319501 = 25308601, part 25308601 = 25308601. Contact InterLink Parts at 800-686-7278.

# REPLACEMENT PARTS

| PRO <sup>3</sup> Side Mount Models |                                    |             |            |            |            |            |                             |            |            |            |            |            |            |            |
|------------------------------------|------------------------------------|-------------|------------|------------|------------|------------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Part Description                   |                                    | Part Number | Coolers    |            |            |            |                             |            |            |            |            |            |            |            |
|                                    |                                    |             | Coolers    |            |            |            | Coolers w/ electric defrost |            |            |            | Freezers   |            |            |            |
|                                    |                                    |             | PST070H6B^ | PST090H6B^ | PST131H6B^ | PST147H6B^ | PST066M6B^                  | PST086M6B^ | PST124M6B^ | PST141M6B^ | PST034L6B^ | PST051L6B^ | PST057L6B^ | PST077L6B^ |
| Fan Blades                         | Evaporator                         | 5140C       | 1          | 1          | 2          | 2          | 1                           | 1          | 2          | 2          | 1          | 1          | 2          | 2          |
|                                    | Condenser                          | 22901901    | 2          | 2          | 3          | 3          | 2                           | 2          | 3          | 3          | 2          | 2          | 3          | 3          |
| Fan Motors                         | Evaporator, PSC – 208/230 volt     | 25308601    | 1          | 1          | 2          | 2          | 1                           | 1          | 2          | 2          | 1          | 1          | 2          | 2          |
|                                    | Evaporator, EC – 208/230 volt      | 25317701    | 1          | 1          | 2          | 2          | 1                           | 1          | 2          | 2          | 1          | 1          | 2          | 2          |
|                                    | Condenser – 208/230 volt           | 25308301    | 2          | 2          | 3          | 3          | 2                           | 2          | 3          | 3          | 2          | 2          | 3          | 3          |
|                                    | Evaporator fan motor bracket       | 23103301    | 1          | 1          | 2          | 2          | 1                           | 1          | 2          | 2          | 1          | 1          | 2          | 2          |
|                                    | Condenser fan motor bracket        | 4000104     | 2          | 2          | 3          | 3          | 2                           | 2          | 3          | 3          | 2          | 2          | 3          | 3          |
| Contactors                         | 30A, 230 volt                      | 2252330     | 1          | 1          | 1          | 1          | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| Temperature Control                | Temperature control - 208/230 volt | 21301001    | 1          | 1          | 1          | 1          | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                                    | Heater limit thermostat            | 5708L       |            |            |            |            | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| Defrost Heaters                    | Defrost heaters – 230 volt         | 4312F       |            |            |            |            | 3                           | 3          |            |            | 3          | 3          |            |            |
|                                    | Defrost heaters – 230 volt         | 4342L       |            |            |            |            |                             |            | 3          | 3          |            |            | 3          | 3          |
| Outdoor Parts                      | Fan pressure control               | 28917301    | 1          | 1          | 1          | 1          | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                                    | Fan temperature control            | 5521R       | 1          | 1          | 1          | 1          | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                                    | Drain line heater                  | 24753401    | 1          | 1          | 1          | 1          | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
|                                    | Drain line heater thermostat       | 28917401    | 1          | 1          | 1          | 1          | 1                           | 1          | 1          | 1          | 1          | 1          | 1          | 1          |

## Notes

[illegible]



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**CLIMATE**  
  
**CONTROL**

Since product improvement is a continuing effort, we reserve the right to make changes in specifications without notice.

CC-PROTB-0617 | Version 001

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