

Top Mount

Overview



Product Description

The PRO³ Top Mount packaged refrigeration system, designed to maximize storage space inside walk-in coolers and freezers, is ideal for small- to medium-sized restaurant and convenience store applications where holding temperature is the primary goal. The system combines evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy. The reduced refrigerant charge, compared to comparable split systems, and availability of EC motors, for increased energy efficiency, makes this product line qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features and Benefits

Ease of Installation and Service

- Installation takes a fraction of the time required for a split system: no piping or loose components to install, refrigerant is pre-charged at factory and a field superheat adjustment is not required (see installation manual for more information)
- No drain line required on indoor models - come standard with a condensate evaporation pan
- Flexible design allows for multiple installation methods: optimized for indoor use, but outdoor models available with weatherhood installed. Outdoor models also come with: crankcase heater, drain line heater and fan-cycling for head pressure control
- Maximizes storage area in a cooler or freezer: evaporator grill mounts flush on a standard 4" or a recessed 5 1/2" ceiling panel

Ease of Use

- System is factory-assembled, evacuated, charged, run-tested and wired; no additional components or refrigerant charging required; most models come with a 26" power cord ready to plug-in
- Controls preset for typical applications: +38° F for high temp. coolers, +35° F for medium temp. coolers, -10° F for freezers and are easy to adjust

Reliable & Durable

- Electronic control provides accurate temperature control
- Liquid-line filter drier (medium and large cabinet only)
- Two-year parts warranty

Energy Efficient & Environmentally Friendly

- Optional EC motors available for evaporator section only
- Reduced refrigerant charge: system uses approximately 10 percent* of refrigerant required for a comparable split system

* Results may vary. Estimate based on a typical 25-foot refrigerant line length.

Nomenclature

P	T	N	072	H	6	B	H
Product Line	Design Orientation	Application	Model Size	Nominal Capacity	Refrigerant	Voltage	Motor
P = PRO3 Packaged Refrigeration System	T = Top Mount	N = Indoor T = Outdoor	# x 100 = BTUH	H = High/ Medium L = Low M = Medium	6 = R-404A	A = 115/1/60 B = 208-230/1/60 C = 208-230/3/60	H = PC E = EC (evap. only)

PRO³ Packaged Refrigeration System

Top Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Medium & High Temperature - Air Defrost - Cooler Applications (R-404A)							
PTN026H6AE	5,526	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN026H6AH	5,209	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN031H6AE	6,073	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN031H6AH	5,686	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN042H6AE	6,295	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN042H6AH	6,193	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN050H6AE	8,241	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN050H6AH	7,885	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN050H6BE	8,248	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN050H6BH	8,112	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN067H6BE	9,428	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN067H6BH	8,369	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN076H6BE	10,222	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN076H6BH	9,379	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN104H6BE	11,996	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN104H6BH	10,298	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN104H6CE	11,243	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN104H6CH	10,218	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN133H6BE	13,449	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN133H6BH	11,611	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN133H6CE	12,351	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN133H6CH	11,351	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT050H6BE	9,338	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT050H6BH	8,939	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT067H6BE	10,387	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT067H6BH	9,565	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT076H6BE	11,133	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT076H6BH	10,276	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT104H6BE	12,534	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT104H6BH	11,362	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT104H6CE	12,493	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT104H6CH	11,348	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT133H6BE	13,742	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT133H6BH	12,672	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT133H6CE	13,662	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT133H6CH	12,459	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

Top Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Medium Temperature - Electric Defrost - Cooler Applications (R-404A)							
PTN024M6AE	5,608	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN024M6AH	5,289	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN029M6AE	6,157	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN029M6AH	5,767	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN040M6AE	6,477	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN040M6AH	6,374	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN047M6AE	8,418	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN047M6AH	8,061	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN047M6BE	8,860	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN047M6BH	8,192	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN063M6BE	9,563	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN063M6BH	8,405	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN072M6BE	10,355	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN072M6BH	9,511	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN099M6BE	12,405	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN099M6BH	11,670	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN099M6CE	12,111	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN099M6CH	11,567	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN128M6BE	13,930	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN128M6BH	12,282	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN128M6CE	13,392	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN128M6CH	12,203	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT047M6BE	9,454	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT047M6BH	9,056	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT063M6BE	10,676	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT063M6BH	9,687	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT072M6BE	11,237	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT072M6BH	10,409	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT099M6BE	12,787	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT099M6BH	11,600	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT099M6CE	12,736	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT099M6CH	11,594	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT128M6BE	14,015	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT128M6BH	12,951	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT128M6CE	13,924	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT128M6CH	12,722	Outdoor	208-230/3/60	PSC Motor	-	-	Large

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Need help selecting a model?

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Top Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Low Temperature - Electric Defrost - Freezer Applications (R-404A)							
PTN021L6AE	9,461	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN021L6AH	9,068	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN021L6BE	9,486	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN021L6BH	9,068	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN031L6BE	10,799	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN031L6BH	9,919	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN044L6BE	12,304	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Medium
PTN044L6BH	11,318	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Medium
PTN052L6BE	14,069	Indoor	208-230/1/60	EC Motor	-	-	Large
PTN052L6BH	12,702	Indoor	208-230/1/60	PSC Motor	-	-	Large
PTN052L6CE	14,064	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN052L6CH	12,702	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN069L6BE	15,023	Indoor	208-230/1/60	EC Motor	-	-	Large
PTN069L6BH	13,583	Indoor	208-230/1/60	PSC Motor	-	-	Large
PTN069L6CE	15,011	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN069L6CH	13,583	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT021L6BE	10,705	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT021L6BH	10,265	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT031L6BE	12,158	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT031L6BH	11,247	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT044L6BE	13,861	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT044L6BH	12,834	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT052L6BE	15,777	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT052L6BH	14,362	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT052L6CE	15,764	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT052L6CH	14,362	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT069L6BE	16,858	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT069L6BH	15,373	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT069L6CE	16,848	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT069L6CH	15,373	Outdoor	208-230/3/60	PSC Motor	-	-	Large

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Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

Side Mount

Overview



Product Description

The PRO³ Side Mount packaged refrigeration system, designed to maximize storage space inside walk-in coolers and freezers and optimized for outdoor applications, is ideal for small- to medium-sized restaurant and convenience store applications where maximum airflow is essential for pulling down the temperature of foods or beverages. The system combines evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy. The reduced refrigerant charge, compared to comparable split systems, and availability of EC motors, for increased energy efficiency, makes this product line qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features and Benefits

Ease of Installation and Service

- Installation takes a fraction of the time required for a split system: refrigerant is pre-charged at factory, superheat adjustment is not required and unit slides into slots in standard walk-in panel (see installation manual for more information)
- Designed for simple serviceability: the condensing unit section's cabinet door can be quickly removed; in addition, the electrical box is located outside the cabinet for easy access
- Flexible design allows for multiple installation methods: Optimized for outdoor use, but can be used indoors as well (with drain connection)
- Lifting lugs and hanging brackets in evaporating section allow for easy installation

Ease of Use

- System is factory-assembled, evacuated, charged, run-tested and wired; no additional components required
- Controls preset for typical applications: +38° F for high temp. coolers, +35° F for medium temp. coolers, -10° F for freezers and are easy to adjust

Performance

- Maximized airflow: evaporator placement in walk-in box with pull through fans
- Suitable for temperature pull-down and holding temperature
- Increased condenser capacity, by avoiding compressor heat
- Improved tolerance in high-ambient conditions
- Electric defrost in medium temperature models, allowing for maximum performance in storage applications just above 32°F
- Fan-cycling for head pressure control
- Crankcase heater
- Drain line heater

Reliable & Durable

- Electronic microprocessor control provides accurate temperature control
- Liquid-line filter drier
- Two-year parts warranty

Energy Efficient & Environmentally Friendly

- Optional EC motors available for evaporator section only
- Reduced refrigerant charge: the PRO³ Side Mount packaged refrigeration system uses approximately 10 percent* of refrigerant required for a comparable split system

* Results may vary. Estimate based on a typical 25-foot refrigerant line length.

Nomenclature

P	S	T	070	L	6	B	H
Product Line	Design Orientation	Application	Model Size	Nominal Capacity	Refrigerant	Voltage	Motor
P = PRO3 Packaged Refrigeration System	S = Side Mount	T = Outdoor	# x 100 = BTUH	H = High/Medium L = Low M = Medium w/ electric defrost	6 = R-404A	B = 208-230/1/60	H = PC E = EC (evap. only)

Side Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Cabinet Size
Medium & High Temperature - Air Defrost - Cooler Applications (R-404A)					
PST070H6BE	9,651	Outdoor	208-230/1/60	EC Motor	Small
PST070H6BH	9,288	Outdoor	208-230/1/60	PSC Motor	Small
PST090H6BE	10,197	Outdoor	208-230/1/60	EC Motor	Small
PST090H6BH	9,833	Outdoor	208-230/1/60	PSC Motor	Small
PST131H6BE	11,654	Outdoor	208-230/1/60	EC Motor	Large
PST131H6BH	10,926	Outdoor	208-230/1/60	PSC Motor	Large
PST147H6BE	12,747	Outdoor	208-230/1/60	EC Motor	Large
PST147H6BH	12,019	Outdoor	208-230/1/60	PSC Motor	Large
Medium Temperature - Electric Defrost - Cooler Applications (R-404A)					
PST066M6BE	10,088	Outdoor	208-230/1/60	EC Motor	Small
PST066M6BH	9,724	Outdoor	208-230/1/60	PSC Motor	Small
PST086M6BE	10,634	Outdoor	208-230/1/60	EC Motor	Small
PST086M6BH	10,271	Outdoor	208-230/1/60	PSC Motor	Small
PST124M6BE	12,091	Outdoor	208-230/1/60	EC Motor	Large
PST124M6BH	11,363	Outdoor	208-230/1/60	PSC Motor	Large
PST141M6BE	13,184	Outdoor	208-230/1/60	EC Motor	Large
PST141M6BH	12,456	Outdoor	208-230/1/60	PSC Motor	Large
Low Temperature - Electric Defrost - Freezer Applications (R-404A)					
PST034L6BE	11,836	Outdoor	208-230/1/60	EC Motor	Small
PST034L6BH	11,472	Outdoor	208-230/1/60	PSC Motor	Small
PST051L6BE	12,929	Outdoor	208-230/1/60	EC Motor	Small
PST051L6BH	12,565	Outdoor	208-230/1/60	PSC Motor	Small
PST057L6BE	14,386	Outdoor	208-230/1/60	EC Motor	Large
PST057L6BH	13,658	Outdoor	208-230/1/60	PSC Motor	Large
PST077L6BE	15,479	Outdoor	208-230/1/60	EC Motor	Large
PST077L6BH	14,751	Outdoor	208-230/1/60	PSC Motor	Large

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