



predator[®] series

YORK[®]

SINGLE-PACKAGE ROOFTOPS



When you manage a building, there's a lot more to comfort than indoor air temperature. You need a system that's dependable and easy to maintain, helps manage your energy costs, works with your region's own climate, and yes, a system that keeps everyone inside happy. That's why York's Predator Light Commercial Series gives you so many choices. But one thing is constant: Inside each one is the revolutionary design and energy-saving technology that York has delivered for over 130 years.



Predator Commercial Single-Package Unit

Durability, efficiency, easy installation, trouble-free operation—it's all packed into these compact units. For maximum flexibility, the convertible airflow design requires no panel cutting, and can handle most airflow requirements. Gas and electric knockouts are supplied for easy access. And units can be specified for cooling only, cooling with electric heat, cooling with gas heat, or cooling with a heat pump.



Complete Flexibility

With a complete line of Predator iLight Commercial Single-Package Cooling and Heating Units, you can choose a design that meets your building's unique needs. No matter what you choose, you know your Predator model delivers state-of-the-art technology, tool-free access and easy, fast installation. All this in addition to energy-efficiency and improved indoor air quality.

Commercial Single-Package Unit

Dual-stage cooling for maximum comfort
(7½- to 12-ton units)

Simplicity® Control board with screw connector for thermostat wiring

Terminal block for high-voltage connection

Second model nameplate inside hinged access panel

Optional disconnect location

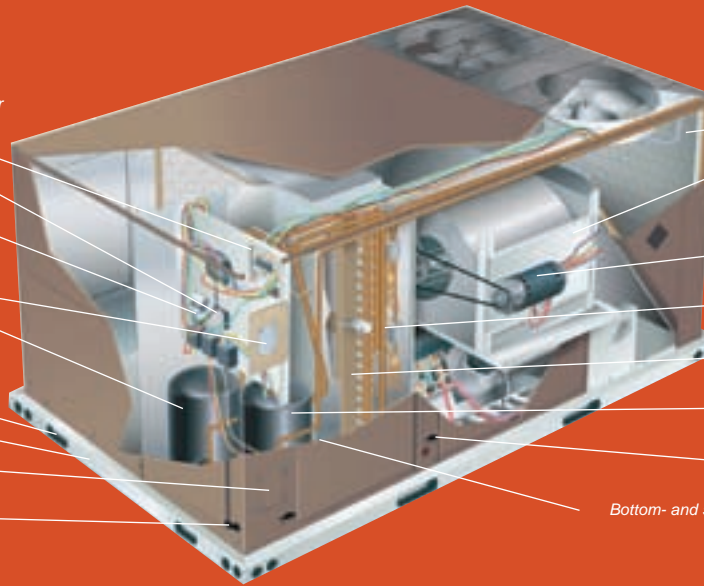
Compressor #2 access (7½- to 12-ton units)

Base rails with forklift slots on three sides and lifting holes on each corner

Common roof curb for all sizes

Optional convenience power outlet

Tool-free door latches



Condenser section

Slide-out motor and blower assembly for easy adjustment and service

Belt-drive blower motor

Solid-core filter drier

Slide-out filter access

Compressor #1 access

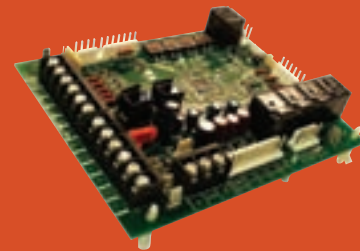
Removable and reversible drain pan

Bottom- and side-entry power and control wiring knockouts

The big difference: Simplicity Controls

It's the built-in brain that requires no additional controls. The Simplicity Control System is part of each Predator model and, for the building manager, it monitors the entire HVACR system continuously. All alarm and diagnostic data is transmitted directly to an onsite PC. Or, you can monitor the system over the Internet.

- Single-button programming
- Five-minute anti-short cycle delay
- Alarm recall, even after power failures
- Three-minute minimum compressor run time
- Built-in low-voltage protection
- Independent monitoring of all safety switches



Easy to install

- Common footprint means easy fit on curb, slab, roof rack or frame
- Full-perimeter base rail provides access to three-way forklift and overhead rigging
- Each unit is completely tested, charged, wired, piped and ready for immediate installation.

Convertible and flexible

- Maximum field flexibility thanks to a convertible airflow design that requires no panel cutting
- Belt-driven indoor fan motors with optional drive packages to meet nearly any airflow requirement
- Gas and electric knockouts allow for easy access.
- Units can be specified for cooling only, cooling with electric heat, cooling with gas heat, or cooling with a heat pump.

Easy to service

- Designed with quick-access panels for fast inspection of control box, compressors, filters and heating section
- Slide-out motor and blower means hassle-free maintenance
- All access panels feature hinged and tool-free entry.

Efficiency and air quality

- Cooling and heating unit with ratings as high as 11.5 EER
- Up to 80% steady-state efficiency on gas/electric models
- Foil-faced and closed-cell insulation helps improve building indoor air quality.
- York's exclusive MagnaDRY system provides humidity control without over-cooling the occupied space.
- Two-compressor design provides added reliability and efficiency

Options

- Available factory-installed options include Building Automation Systems with Johnson Controls®, Honeywell®, Novar® and CPC® controls; dirty filter and disconnect switches; barometric relief and power exhaust; stainless steel heat exchanger; coated coils; phase monitor; convenience outlet; and smoke detectors.

PREDATOR ELECTRIC/ELECTRIC MODELS

Predator ZH Series

MODEL	MBH	EER	IPLV	Electric Heat (kW)	DIMENSIONS IN INCHES			Weight (lbs.)
					HEIGHT	WIDTH	DEPTH	
ZH078	79.0	11.4	12.7	9, 18, 24, 36	42	59	89	900
ZH090	93.0	11.4	12.4	9, 18, 24, 36	42	59	89	920
ZH102	106.0	11.5	12.4	9, 18, 24, 36	50 3/4	59	89	1,135
ZH120	126.0	11.5	12.1	18, 24, 36, 54	50 3/4	59	89	1,135
ZH150	156.0	11.2	12.7	18, 24, 36, 54	50 3/4	59	119 7/16	1,400

Predator DJ Series

MODEL	MBH	EER	IPLV	Electric Heat (kW)	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DJ150	150.0	11.4	12.3	18, 24, 36, 54	50 3/4	59	119 7/16	1,480

Predator DH Series

MODEL	MBH	EER	IPLV	Electric Heat (kW)	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DH078	75.0	11.5	11.9	9, 18, 24, 36	42	59	89	900
DH090	89.0	11.5	12.0	9, 18, 24, 36	42	59	89	920
DH102	99.0	11.0	1.5	9, 18, 24, 36	42	59	89	920
DH120	115.0	11.0	11.7	18, 24, 36, 54	50 3/4	59	89	1,135
DH150	146.0	10.0	10.7	18, 24, 36, 54	50 3/4	59	89	1,135

Predator DF Series

MODEL	MBH	EER	IPLV	Electric Heat (kW)	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DF078	75.0	10.4	11.0	9, 18, 24, 36	42	59	89	1,053
DF090	87.0	10.5	11.6	9, 18, 24, 36	42	59	89	870
DF102	99.0	10.4	10.4	9, 18, 24, 36	42	59	89	883
DF120	115.0	11.0	10.0	18, 24, 36, 54	50 3/4	59	89	1,185

Predator DM Series

MODEL	MBH	EER	IPLV	Electric Heat (kW)	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DM078	77.0	9.0	9.5	9, 18, 24, 36	50 3/4	59	89	1,041
DM090	86.0	9.0	9.2	9, 18, 24, 36	42	59	89	860
DM102	99.0	9.0	10.0	9, 18, 24, 36	42	59	89	875
DM120	120.0	9.0	9.1	18, 24, 36, 54	50 3/4	59	89	1,116
DM150	144.0	10.0	9.3	18, 24, 36, 54	50 3/4	59	89	1,195

PREDATOR GAS HEAT MODELS

Predator ZH Series

MODEL	MBH	EER	IPLV	MBH INPUT	MBH OUTPUT	SSE %	DIMENSIONS IN INCHES			Weight (lbs.)
							HEIGHT	WIDTH	DEPTH	
ZH078*10	79.0	11.4	12.7	120	96	80.0	42	59	89	900
ZH078*15	79.0	11.4	12.7	180	144	80.0	42	59	89	900
ZH090*10	93.0	11.4	12.4	120	96	80.0	42	59	89	920
ZH090*15	93.0	11.4	12.4	180	144	80.0	42	59	89	920
ZH102*10	106.0	11.5	12.4	120	96	80.0	50 3/4	59	89	1,135
ZH102*15	106.0	11.5	12.4	180	144	80.0	50 3/4	59	89	1,135
ZH120*15	126.0	11.5	12.1	180	144	80.0	50 3/4	59	89	1,135
ZH120*20	126.0	11.5	12.1	240	192	80.0	50 3/4	59	89	1,135
ZH150*15	156.0	11.2	12.7	180	144	80.0	50 3/4	59	119 7/16	1,400
ZH150*20	156.0	11.2	12.7	240	192	80.0	50 3/4	59	119 7/16	1,400

Predator DJ Series

MODEL	MBH	EER	IPLV	MBH INPUT	MBH OUTPUT	SSE %	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DJ150*15	150.0	11.4	12.3	180	144	80.0	50 3/4	59	119 7/16	1,480
DJ150*20	150.0	11.4	12.3	240	192	80.0	50 3/4	59	119 7/16	1,480

Predator DH Series

MODEL	MBH	EER	IPLV	MBH INPUT	MBH OUTPUT	SSE %	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DH078*10	75.0	11.5	11.9	120	96	80.0	42	59	89	900
DH078*15	75.0	11.5	11.9	180	144	80.0	42	59	89	900
DH090*10	89.0	11.5	12.0	120	96	80.0	42	59	89	920
DH090*15	89.0	11.5	12.0	180	144	80.0	42	59	89	920
DH102*10	99.0	11.0	11.5	120	96	80.0	42	59	89	920
DH102*15	99.0	11.0	11.5	180	144	80.0	42	59	89	920
DH120*15	115.0	11.0	11.7	180	144	80.0	50 3/4	59	89	1,135
DH120*20	115.0	11.0	11.7	240	192	80.0	50 3/4	59	89	1,135
DH150*15	146.0	10.0	10.7	180	144	80.0	50 3/4	59	89	1,135
DH150*20	146.0	10.0	10.7	240	192	80.0	50 3/4	59	89	1,135

Predator DF Series

MODEL	MBH	EER	IPLV	MBH INPUT	MBH OUTPUT	SSE %	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DF078*10	75.0	10.4	11.0	120	96	80.0	42	59	89	1053
DF078*15	75.0	10.4	11.0	180	144	80.0	42	59	89	1053
DF090*10	87.0	10.5	11.6	120	96	80.0	42	59	89	870
DF090*15	87.0	10.5	11.6	180	144	80.0	42	59	89	870
DF102*10	99.0	10.4	10.4	120	96	80.0	42	59	89	883
DF102*15	99.0	10.4	10.4	180	144	80.0	42	59	89	883
DF120*15	115.0	10.4	10.0	180	144	80.0	50 3/4	59	89	1,185
DF120*20	115.0	10.4	10.0	240	192	80.0	50 3/4	59	89	1,185

Predator DM Series

MODEL	MBH	EER	IPLV	MBH INPUT	MBH OUTPUT	SSE %	HEIGHT	WIDTH	DEPTH	Weight (lbs.)
DM078*10	77.0	9.0	9.5	120	96	80.0	50 3/4	59	89	1041
DM078*15	77.0	9.0	9.5	180	144	80.0	50 3/4	59	89	1041
DM090*10	86.0	9.0	9.2	120	96	80.0	42	59	89	860
DM090*15	86.0	9.0	9.2	180	144	80.0	42	59	89	860
DM102*10	99.0	9.0	10.0	120	96	80.0	42	59	89	875
DM102*15	99.0	9.0	10.0	180	144	80.0	42	59	89	875
DM120*15	120.0	9.0	9.1	180	144	80.0	50 3/4	59	89	1,116
DM120*20	120.0	9.0	9.1	240	192	80.0	50 3/4	59	89	1,116
DM150*15	144.0	9.3	10.0	180	144	80.0	50 3/4	59	89	1,195
DM150*20	144.0	9.3	10.0	240	192	80.0	50 3/4	59	89	1,195

* = GAS HEAT TYPE

Predator™ Models

PREDATOR HEAT PUMP MODELS

Predator XP Series

MODEL	MBH	EER	IPLV	MBH @ 47°F	COP	Electric Heat (kW)	DIMENSIONS IN INCHES			Weight (lbs.)
							HEIGHT	WIDTH	DEPTH	
XP078	80.0	11.0	12.4	78	3.5	9, 18, 24, 36	42	59	89	969
XP090	95.0	11.0	12.4	92	3.5	9, 18, 24, 36	42	59	89	969
XP102	104.0	11.0	12.4	94	3.5	9, 18, 24, 36	50 3/4	59	89	1,184
XP120	122.0	11.0	12.4	110	3.5	18, 24, 36, 54	50 3/4	59	89	1,184
XP150	156.0	11.0	11.9	144	3.2	18, 24, 36, 54	50 3/4	59	89	1,449

Predator BP Series

MODEL	MBH	EER	IPLV	MBH @ 47°F	COP	Electric Heat (kW)	DIMENSIONS IN INCHES			Weight (lbs.)
							HEIGHT	WIDTH	DEPTH	
BP078	78.0	10.2	-	69	3.2	9, 18, 24, 36	50 3/4	59	89	1,148
BP090	89.0	10.6	11.1	85	3.2	9, 18, 24, 36	42	59	89	939
BP102	102.0	10.3	10.3	100	3.2	9, 18, 24, 36	50 3/4	59	89	1,222
BP120	120.0	10.3	10.0	113	3.2	18, 24, 36, 54	50 3/4	59	89	1,256
BP150	144.0	9.3	9.7	142	3.1	18, 24, 36, 54	50 3/4	59	89	1,246

How to stay comfortable for years to come.

Built for years of dependability and trouble-free service, York's Predator Series is backed by a 10-year limited heat exchanger warranty, a five-year limited warranty on compressors, and a one-year limited warranty on all other parts. What's more, your York

Dealer offers maintenance agreements that provide upkeep while maximizing the warranty provisions. Ask about the YorkCare™ Comfort Plan. A little extra coverage is always a comforting idea.

Long story short: the history of York design.

You've probably enjoyed York engineering for years without even knowing it. We have, after all, designed and implemented heating



and cooling systems in some of the world's most famous structures, including the U.S. Capitol,

India's Taj Mahal, the Sydney Opera House, the entire U.S. Navy nuclear

submarine fleet, and even venues such as your local mall and corner bank.

■ There's a reason people trust us with the big jobs. We've been doing

this a long time. Over 130 years, in fact. In that time, we devel-



oped the first successful room air conditioner and were the first to cool larger public venues, like theaters, hotels and office



buildings. We're constantly leading the industry in our design and our technology. And our commitment has earned our



products the Good Housekeeping Seal of Approval. No matter what the scale, chances are we've developed an efficient, durable and effective solution for it.

■ Which is all a way of saying this: You can depend on York to give you the choices you're looking for and

the light commercial designs that perform reliably year-round, year after year.

■ Want to know more? Contact your York Dealer. They have 130 years of innovation to tell you about.

