



# PRODUCT LIST 2025



## SWITCH HEATING PRODUCT LIST

APEC Thermal has ready to ship inventory, amazing products, and even better customer support. Call or text us any time - we're here for you.

## PRODUCTS



RAIL HEATER



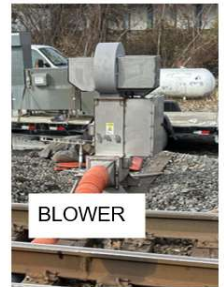
CRIB HEATER



JUNCTION BOX



CONTROL ENCLOSURE



BLOWER

## CRAFTED WITH PRIDE

Our products are designed, manufactured, and shipped from our facility in Cleveland, Ohio.



**KEEPING MOTION RELIABLE**  
RELIABLE - FLEXIBLE - CUSTOMER OBSESSED

Evan Berry: 440-591-4273  
Patricia Russo: 440-317-6122



# PRODUCT LIST 2025

## RAIL HEATERS

- In stock and ready to ship
- Flat style provides better contact with rail
- 300W per foot heaters
- 25 foot cable leads



### RAIL HEATERS

Customer Part No.	APEC Part No.	Voltage (Volts)	Length (Feet)	Power (Watts)	Current (Amps)	Cable (Feet)
	AT-480-14.5	480	14.5	4350	9	25
	AT-480-16		16	4800	10	25
	AT-480-18		18	5200	11	25
	AT-480-26		26	7600	16	25
	AT-480-34		34	9600	20	25
	AT-240-8	240	8	2400	10	25
	AT-240-16		16	4800	20	25
	AT-240-18		18	5200	22	25
	AT-240-26		26	7600	32	25
	AT-240-34		34	9600	40	25

### ACCESSORIES

Customer Part No.	APEC Part No.	Description
	AT-RAIL-CLIP	Rail Heater Clip, Snap On, 136lb Rating, Suggested 20" Spacing
	AT-RAIL-BLT	Mounting Bracket, Bolt on Style, Suggested 20" Spacing

### RAIL HEATER INSULATED COVERS

Customer Part No.	APEC Part No.	Description
	AT-CVR-4	Rail Cover, 4ft, Reference Drawing MD11036.C Rev D
	AT-CVR-CLIP	Clip, Rail Cover, Reference Drawing MD11036.C4 Rev D
	AT-CVR-KIT-4	Rail Cover Kit includes (1) AT-CVR-4 and (4) AT-CVR-CLIP



# PRODUCT LIST 2025

## CRIB HEATERS

- In stock and ready to ship
- Also called ballast, pan, or hairpin heaters
- Easy to work with design
- 25 foot cable leads



### CRIB HEATER ASSEMBLIES

Customer Part No.	APEC Part No.	Voltage (Volts)	Length (Feet)	Power (Watts)	Current (Amps)	Cable (Feet)
	ATCH-480-4	480	4	1200	2.5	25
	ATCH-480-8		8	2400	5	25
	ATCH-240-4	240	4	1200	5	25
	ATCH-240-6		6	1800	7.5	25
	ATCH-240-8		8	2400	10	25

### REPLACEMENT HEATING ELEMENTS

Customer Part No.	APEC Part No.	Voltage (Volts)	Length (Feet)	Power (Watts)	Current (Amps)	Cable (Feet)
	ATCE-480-4	480	4	1200	2.5	25
	ATCE-480-8		8	2400	5	25
	ATCE-240-4	240	4	1200	5	25
	ATCE-240-6		6	1800	7.5	25
	ATCE-240-8		8	2400	10	25

**KEEPING MOTION RELIABLE**

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# PRODUCT LIST 2025

## JUNCTION BOXES

- In stock and ready to ship
- Hinged cover with no hardware needed
- (8) Pre-drilled holes for 3/4" connectors
- Easy to work with design



### BOX AND POST

Customer Part No.	APEC Part No.	Description
	ATJB-8H	Junction Box, Aluminum, Hinged and Lockable Lid, 8 Holes, 12" x 12" x 4"
	ATJB-POST	Post for Junction Box, 24" Tall

### ACCESSORIES

Customer Part No.	APEC Part No.	Description
	ATJB-AAR-TERMINAL	Wiring terminal, Includes 6 Post AAR Terminal with Hardware and Caps
	ATJB-CORD-GRIP	Cord Grip, Aluminum, 3/4" NPT, Cable Range 9/16" - 5/8"
	ATJB-CBL-GRMT	Cable Entry Grommet, Cable Range: 1/8" - 5/8"
	ATJB-CONNECTOR	Conduit Connector, Screw-in, 3/4" Flex
	ATJB-CONDUIT	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight, Price per Foot



## PRODUCT LIST 2025

### ACCUHEAT CONTROL ENCLOSURE

- In stock and ready to ship
- Manual and automatic operation via snow sensor or dispatch control
- Remote fault feedback incorporates ground fault and circuit breaker trip
- Ground fault protection on each circuit
- Capable of field expansion up to 6 circuits
- Spacious, easy to work with, light aluminum enclosure built in house
- Snow sensor mounted inside enclosure to prevent damage during installation
- Full electrical schematic and enclosure layout with bill of material provided



#### SWITCH CONTROL ENCLOSURES

Customer Part No.	APEC Part No.	Voltage (Volts)	Circuit Capacity (Amps)	Circuit
	AT-CP480-1S	480	64	1
	AT-CP480-1			1
	AT-CP480-2			2
	AT-CP480-3			3
	AT-CP480-4			4
	AT-CP480-5			5
	AT-CP480-6			6
	AT-CP240-1S	240	100	1
	AT-CP240-1			1
	AT-CP240-2			2
	AT-CP240-3			3
	AT-CP240-4			4
	AT-CP240-5			5
	AT-CP240-6			6

#### ACCESSORIES

Customer Part No.	APEC Part No.	Description
	AT-CP-LEGS	Control Enclosure Legs, Quantity 2, 48" H x 16" W
	AT-CP-LIGHT	Stack Indicator Light, 1 Color, White, Top Mounted, 10" Vertical Mount
	AT-CP-CONTACT	Heater Contactor, 120VAC Coil, 4Pole, 45A, ABB AF26-40-00-13
	AT-CP-TERMINAL	Heater Terminals, Flat Head, 150A, TE ZS50

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## HEATER SWITCH PACKAGE - 480V

### HEATER SWITCH PACKAGES

Customer Part No.	APEC Part No.	Qty	Description
	<b>AT480CST08</b>	<b>1</b>	<b>Turnout, #8 or #10, 480V</b>
	AT-480-18	2	Rail Heater, 18 Ft, 480 Volts, 5200 Watt
	AT-RAIL-CLIP	20	Rail Heater Clip
	ATCH-480-8	2	Crib Heater Assembly, 8 Ft, 480 Volt, 2400 Watt
	ATCH-480-4	1	Crib Heater Assembly, 4 Ft, 480 Volt, 1200 Watts
	ATJB-8H	1	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	1	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	100	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight
	<b>AT480CST15</b>	<b>1</b>	<b>Turnout, #15, 480V</b>
	AT-480-26	2	Rail Heater, 26 Ft, 480 Volts, 7600 Watt
	AT-RAIL-CLIP	32	Rail Heater Clip
	ATCH-480-8	2	Crib Heater Assembly, 8 Ft, 480 Volt, 2400 Watt
	ATCH-480-4	3	Crib Heater Assembly, 4 Ft, 480 Volt, 1200 Watts
	ATJB-8H	2	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	2	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	100	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight
	<b>AT480CST16</b>	<b>1</b>	<b>Turnout, #16, 480V</b>
	AT-480-34	2	Rail Heater, 34 Ft, 480 Volts, 9600 Watt
	AT-RAIL-CLIP	42	Rail Heater Clip
	ATCH-480-8	2	Crib Heater Assembly, 8 Ft, 480 Volt, 2400 Watt
	ATCH-480-4	2	Crib Heater Assembly, 4 Ft, 480 Volt, 1200 Watts
	ATJB-8H	2	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	2	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	100	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight
	<b>AT480CST20</b>	<b>1</b>	<b>Turnout, #20, 480V</b>
	AT-480-26	2	Rail Heater, 26 Ft, 480 Volts, 7600 Watt
	AT-480-16	2	Rail Heater, 16 Ft, 480 Volts, 4800 Watt
	AT-RAIL-CLIP	50	Rail Heater Clip
	ATCH-480-8	2	Crib Heater Assembly, 8 Ft, 480 Volt, 2400 Watt
	ATCH-480-4	3	Crib Heater Assembly, 4 Ft, 480 Volt, 1200 Watts
	ATJB-8H	2	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	2	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	200	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight





## HEATER SWITCH PACKAGE - 240V

### HEATER SWITCH PACKAGES

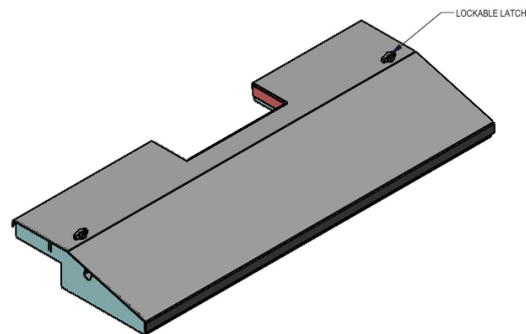
Customer Part No.	APEC Part No.	Qty	Description
	<b>AT240CST08</b>	<b>1</b>	<b>Turnout, #8 or #10, 240V</b>
	AT-240-18	2	Rail Heater, 18 Ft, 240 Volts, 5200 Watt
	AT-RAIL-CLIP	20	Rail Heater Clip
	ATCH-240-8	2	Crib Heater Assembly, 8 Ft, 240 Volt, 2400 Watt
	ATCH-240-4	1	Crib Heater Assembly, 4 Ft, 240 Volt, 1200 Watts
	ATJB-8H	1	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	1	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	100	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight
	<b>AT240CST15</b>	<b>1</b>	<b>Turnout, #15, 240V</b>
	AT-240-26	2	Rail Heater, 26 Ft, 240 Volts, 7600 Watt
	AT-RAIL-CLIP	32	Rail Heater Clip
	ATCH-240-8	2	Crib Heater Assembly, 8 Ft, 240 Volt, 2400 Watt
	ATCH-240-4	3	Crib Heater Assembly, 4 Ft, 240 Volt, 1200 Watts
	ATJB-8H	2	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	2	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	100	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight
	<b>AT240CST16</b>	<b>1</b>	<b>Turnout, #16, 240V</b>
	AT-240-34	2	Rail Heater, 34 Ft, 240 Volts, 9600 Watt
	AT-RAIL-CLIP	42	Rail Heater Clip
	ATCH-240-8	2	Crib Heater Assembly, 8 Ft, 240 Volt, 2400 Watt
	ATCH-240-4	2	Crib Heater Assembly, 4 Ft, 240 Volt, 1200 Watts
	ATJB-8H	2	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	2	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	100	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight
	<b>AT240CST20</b>	<b>1</b>	<b>Turnout, #20, 240V</b>
	AT-240-26	2	Rail Heater, 26 Ft, 240 Volts, 7600 Watt
	AT-240-16	2	Rail Heater, 16 Ft, 240 Volts, 2400 Watt
	AT-RAIL-CLIP	50	Rail Heater Clip
	ATCH-240-8	2	Crib Heater Assembly, 8 Ft, 240 Volt, 2400 Watt
	ATCH-240-4	3	Crib Heater Assembly, 4 Ft, 240 Volt, 1200 Watts
	ATJB-8H	2	Junction Box, Aluminum, Hinged and Lockable Lid
	ATJB-POST	2	Aluminum Post for Junction Box
	AT-CONDUIT-ORNG	200	Conduit, 3/4" Flexible Non-Metallic, Liquid Tight



# PRODUCT LIST 2025

## DEFECT DETECTOR HEATERS

- Clears snow 2ft around hot box detector
- Removes snow buildup underneath dragging equipment sensors
- Hinged and lockable cover
- Manual and automatic operation via snow sensor or dispatch control
- Remote fault feedback incorporates ground fault and circuit breaker trip
- Ground fault protection



### HEATING SOLUTIONS

Customer Part No.	APEC Part No.	Voltage (Volts)	Description
-	AT-SP240-1	240	Control Enclosure, 32A Capacity, GFCI Protection
-	ATD-HC-240		Heat Cover, Hot Box Detector, 5A
-	AT-240-8		Rail Heater, 8ft, 2400W, 10A
-	ATCH-240-6		Crib Heater, Dragging Equipment, 6 Ft, 7.5A

### HEATER PACKAGES

Customer Part No.	APEC Part No.	Qty	Description
-	AT240DD-1	1	Single Defect Detector Heater Package 240V
-	AT-SP240-1	1	Control Enclosure, 240V, 32A Capacity
-	ATD-HC-240	1	Heat Cover, Hot Box Detector, 240V
-	AT-240-8	1	Rail Heater, 8ft, 2400W, 10A
-	ATCH-240-6	1	Crib Heater Assembly, 6 Ft, 240 Volt, 1800 Watt
-	AT240DD-2	1	Dual Defect Detector Heater Package 240V
-	AT-SP240-1	1	Control Enclosure, 240V, 32A Capacity
-	ATD-HC-240	2	Heat Cover, Hot Box Detector, 240V
-	AT-240-8	2	Rail Heater, 8ft, 2400W, 10A
-	ATCH-240-6	2	Crib Heater Assembly, 6 Ft, 240 Volt, 1800 Watt





# PRODUCT LIST 2025

## HOT AIR BLOWERS

- Currently in development
- Looking for testing sites at discounted pricing
- Easy to work with design



### GAS FIRED BLOWERS

Customer Part No.	APEC Part No.	Voltage (Volts)	Blower (HP)	Energy (BTU)	Current (Amps)
	ATGB-3HP-480	480	3	400,000	6
	ATGB-5HP-480		5	600,000	8
	ATGB-3HP-240	240	3	400,000	12
	ATGB-5HP-240		5	600,000	16

### ELECTRIC BLOWERS

Customer Part No.	APEC Part No.	Voltage (Volts)	Blower (HP)	Energy (KW)	Current (Amps)
	ATEB-480-20	480	3	20	30
	ATEB-480-45		5	45	60
	ATEB-480-65		7	65	85
	ATEB-240-20	240	3	20	60
	ATEB-240-45		5	45	120
	ATEB-240-65		7	65	170

**KEEPING MOTION RELIABLE**

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## CONTACT



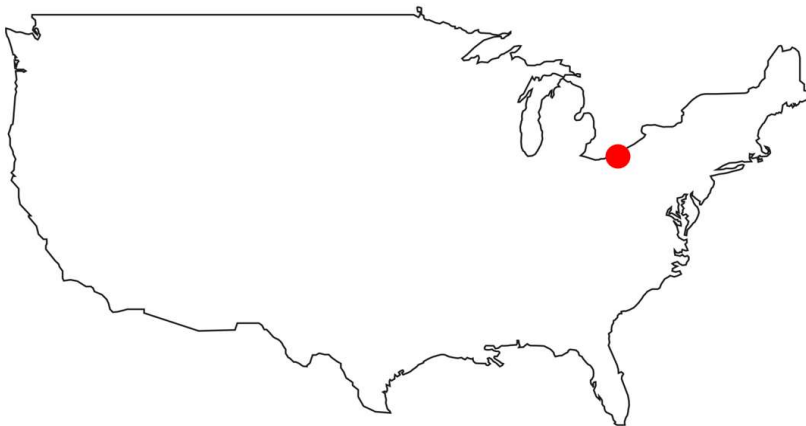
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patricia.russo@apengineering.com



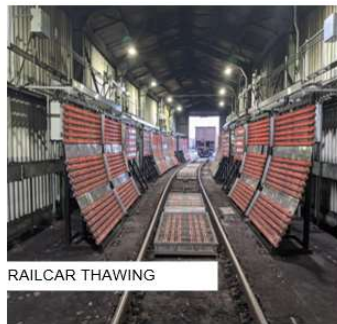
## LOCATION

Bedford, Ohio - outside Cleveland

## MARKETS



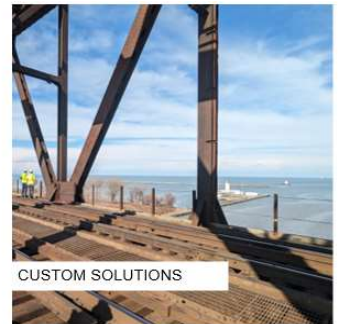
SWITCH HEATING



RAILCAR THAWING



INDUSTRIAL



CUSTOM SOLUTIONS

\* Do to our culture of continuous improvement, products shown may change without notice.

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