

Engineered & manufactured to endure the most difficult of environments and applications. Thermal Edge air conditioners will exceed environmental requirements in applications like *Steel, Food Processing, Petro-Chemical, Cement, Paper & Pulp and Plastics.*

FITS ON 12" ENCLOSURES



Options:

- External Alarm Capabilities
- Extended Warranty Available
- Corrosive Environment Package
- High and Low Ambient Packages
- Dry Contact Remote Monitoring Options
- Integrated Enclosure Heater System
- Low Ambient Protection Options
- Hazardous Environment Units Available
- Cooling Capacity's of 1000 to 20,000 BTUH

Digital Temperature Controller

- Programmable set point and temperature operating controls
- Visible Error and/or alarm messaging
- System status indication
- Password protection

Standard Active Condensate Management System

- Complete elimination of condensate
- Eradicates condensate without corrosive contact with coils

Unit Efficiency

- Pressure operated blower control reduces power inrush and saves energy
- High efficiency Non-CFC refrigerant
- Fully insulated & sealed cabinet
- Temperature Control Valve to provide a broad temperature range while maintaining cooling capacity.

Industrial Construction

- Free standing rigid chassis eases installation and maintenance

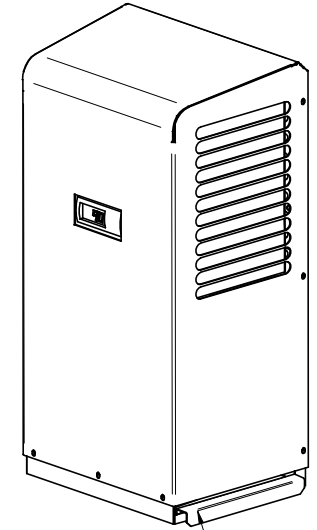
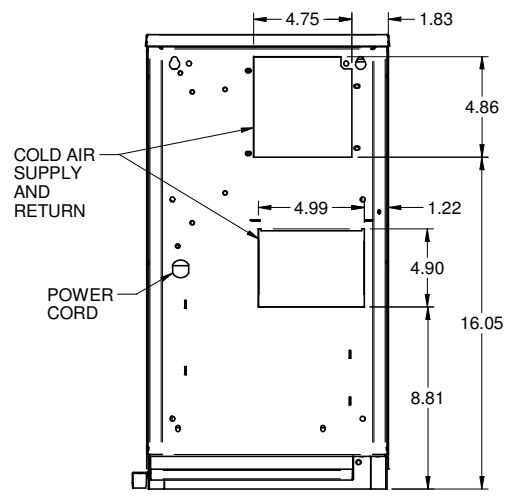
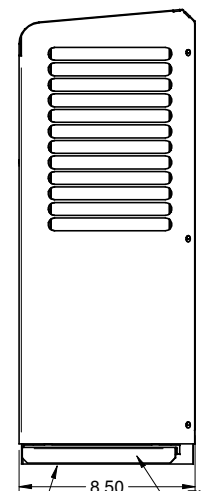
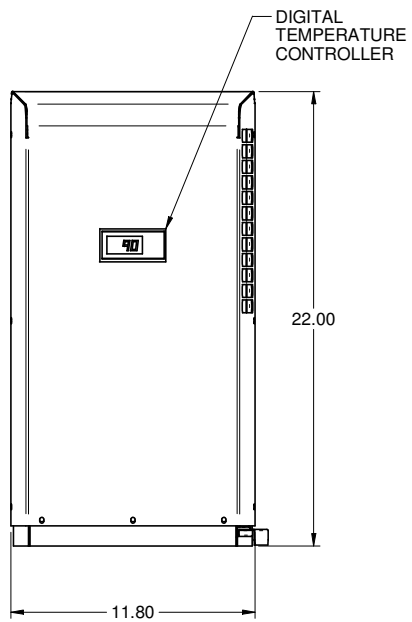
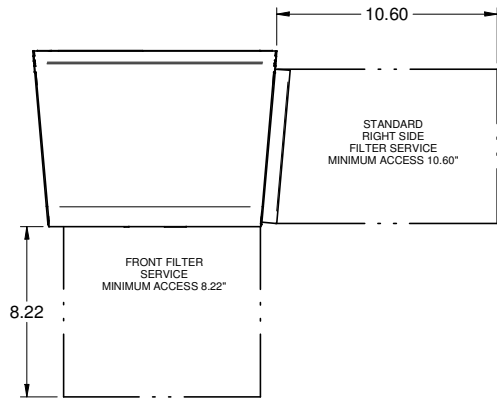
Compressor Protection System

- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Compressor run capacitors reduce power inrush, save energy and increase compressor life



Model	BTU/Hour	Voltage/Hz.	Running Amps	Max. Ambient Temperature	H x W x D	Ship Weight Lbs.
NE010126	1000	120/60	3.44	125°F	22" x 11.8" x 8.5"	57
NE010230	1000	230/60	2.06	125°F	22" x 11.8" x 8.5"	57
NE015126	1500	120/60	3.49	125°F	22" x 11.8" x 8.5"	57
NE015236	1500	230/60	2.06	125°F	22" x 11.8" x 8.5"	57

All information subject to change without notice



RIGHT SIDE
FILTER SERVICE
SHOWN.
FRONT FILTER
SERVICE AVAILABLE.

AMBIENT AIR
(ENTERS FROM
BELOW)
WASHABLE
FILTER

FILTER ACCESS
AND EXTRACTOR
(RIGHT SIDE
SERVICE SHOWN;
FRONT SERVICE
AVAILABLE ON
REQUEST)



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Digital Temperature Controller

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Active Condensate Management System

- Complete elimination of condensate
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Options:

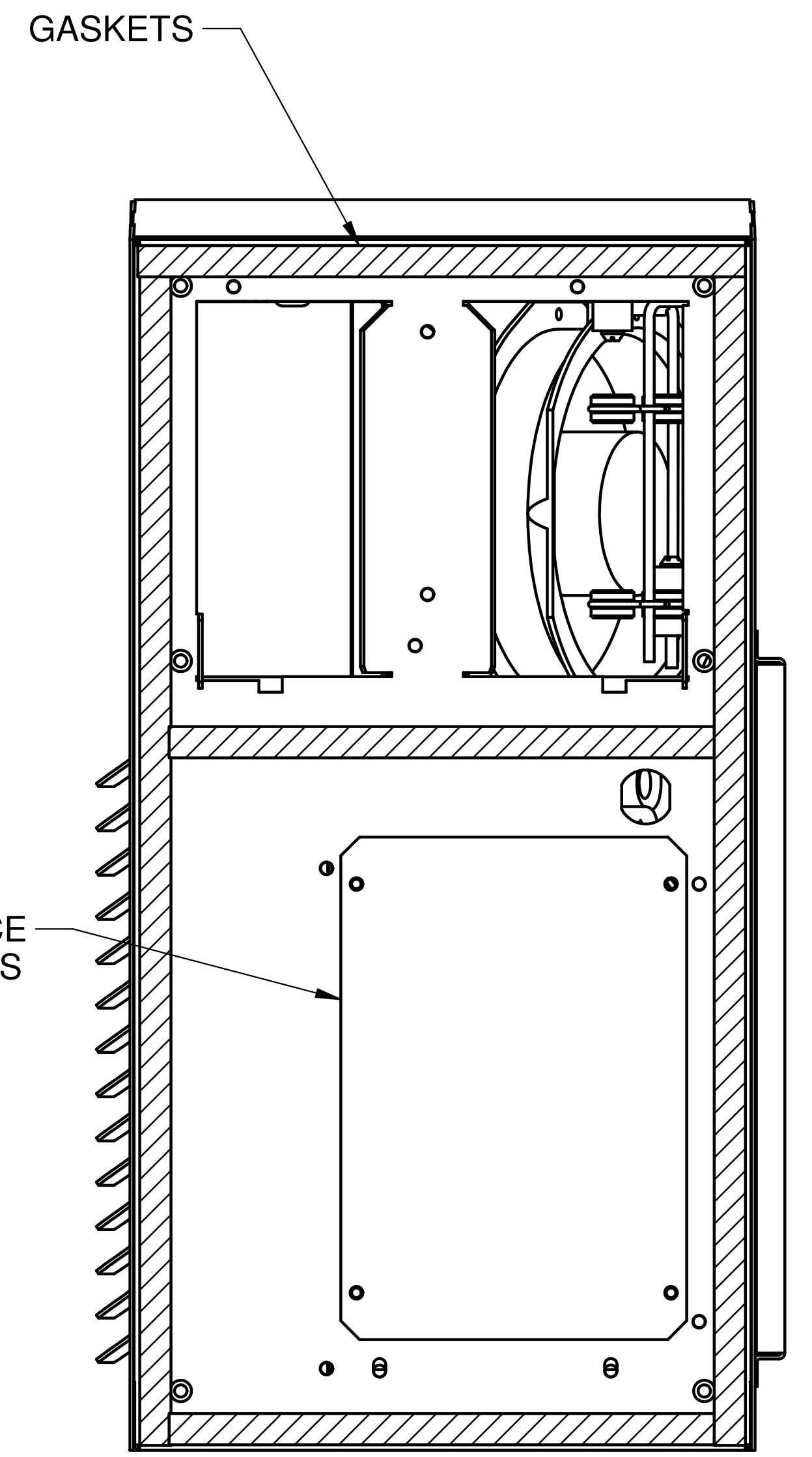
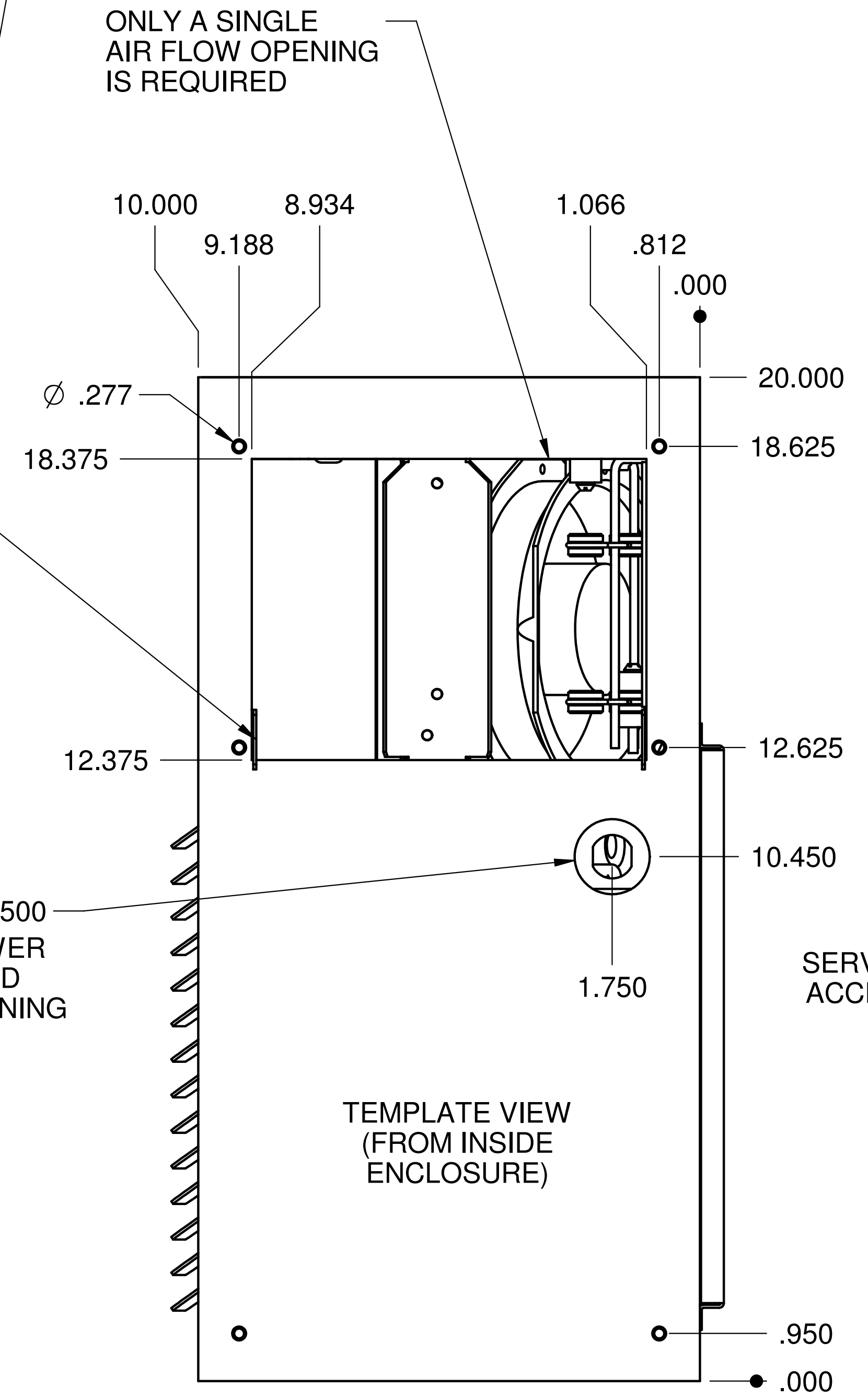
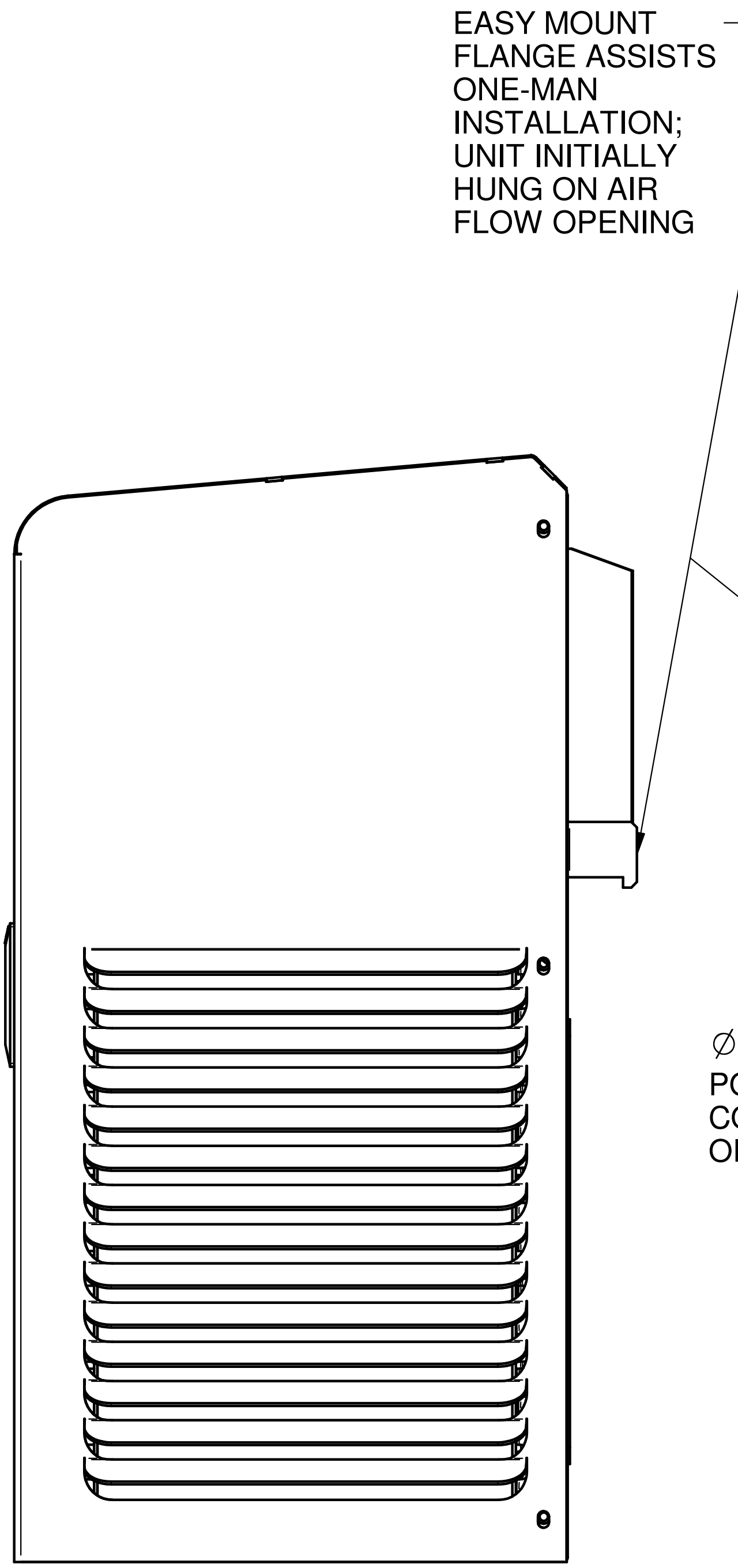
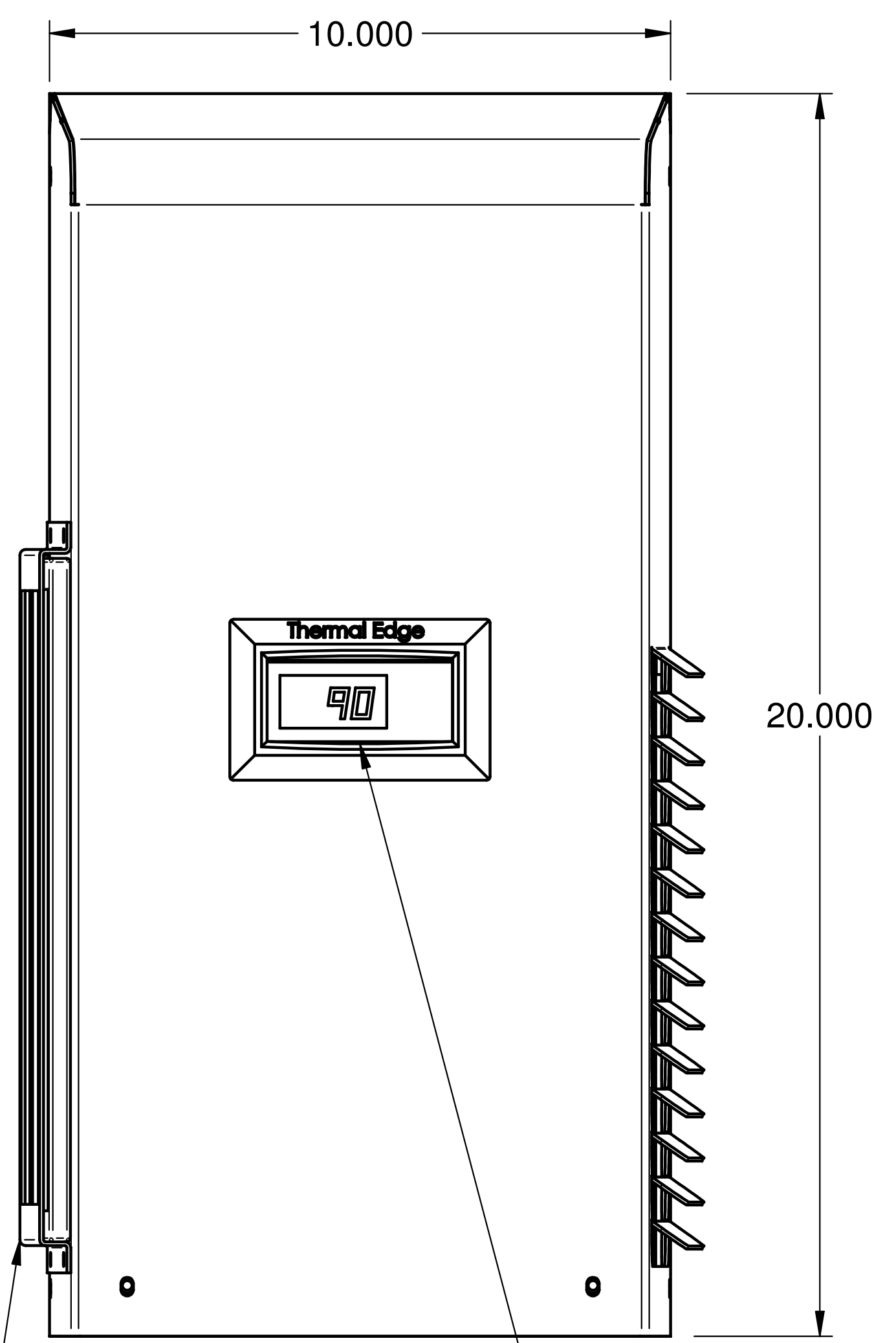
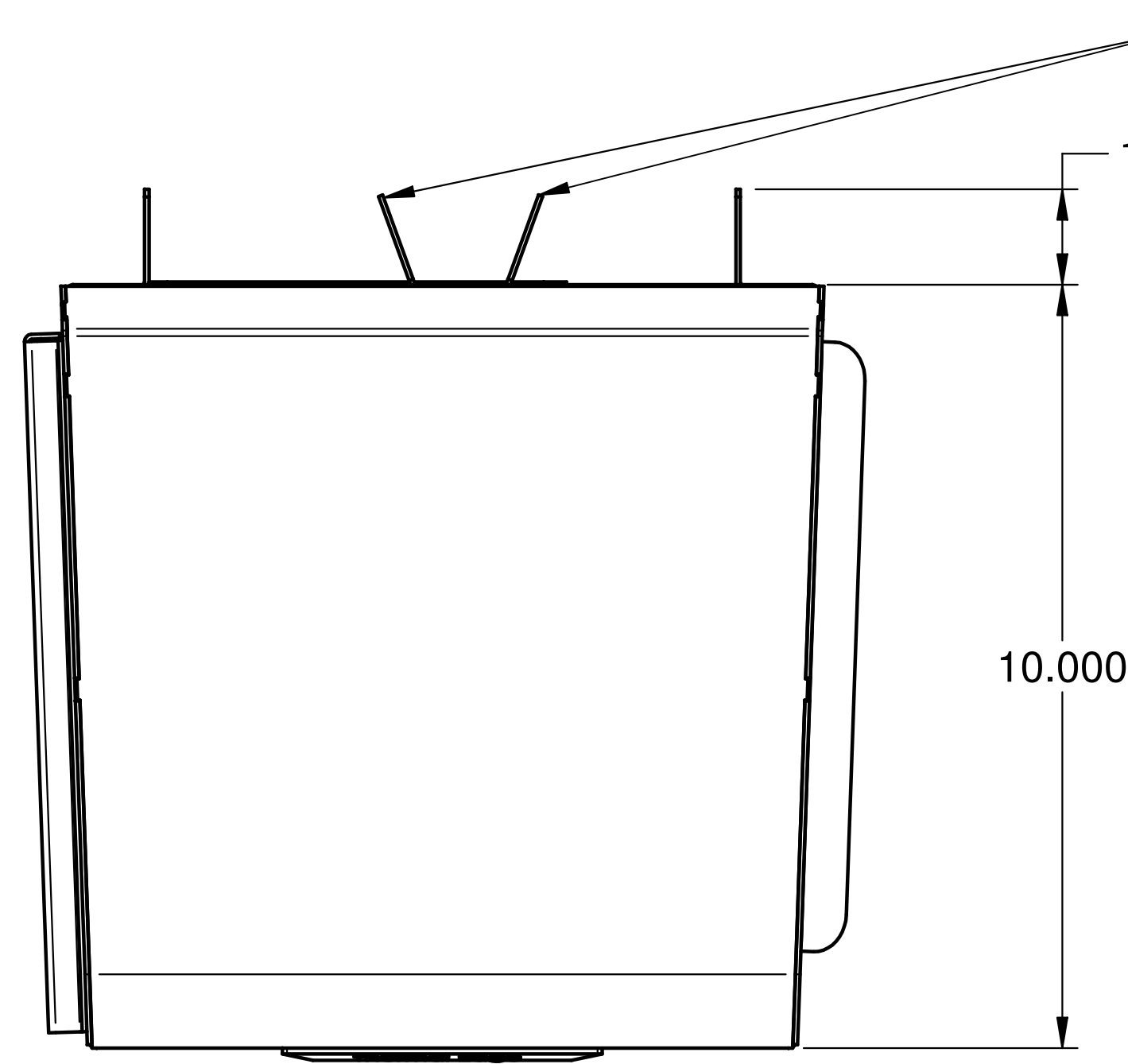
- External Alarm Capabilities
- Extended Warranty Available
- Corrosive Environment Package
- High and Low Ambient Packages
- Dry Contact Remote Monitoring Options
- Enclosure Heater System
- Low Ambient Protection Options
- NEMA 4X Available
- Cooling Capacity's of 1000 to 20,000 BTUH



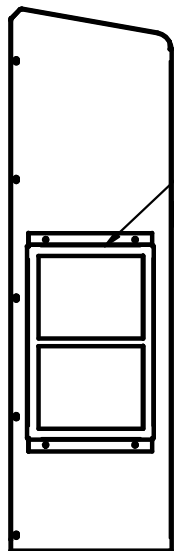
Model	Material	BTU/Hour	Voltage/ Hz.	Running Amps	Refrigerant	Max. Ambient Temp	H x W x D	Ship Weight Lbs.
CS020126-12	Mild Steel	2000	120/60	3.76	R134A	125°F	20" x 10" x 10"	60
CS020126-04	Mild Steel	2000	120/60	3.76	R134A	125°F	20" x 10" x 10"	60
CS020126-4X	304 S.S.	2000	120/60	3.76	R134A	125°F	20" x 10" x 10"	60

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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



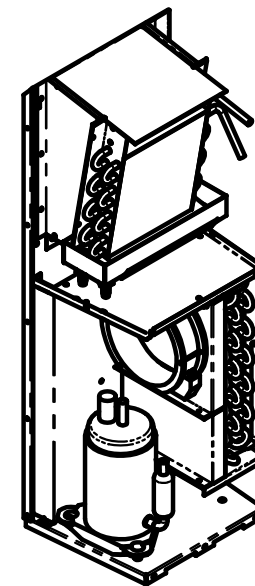
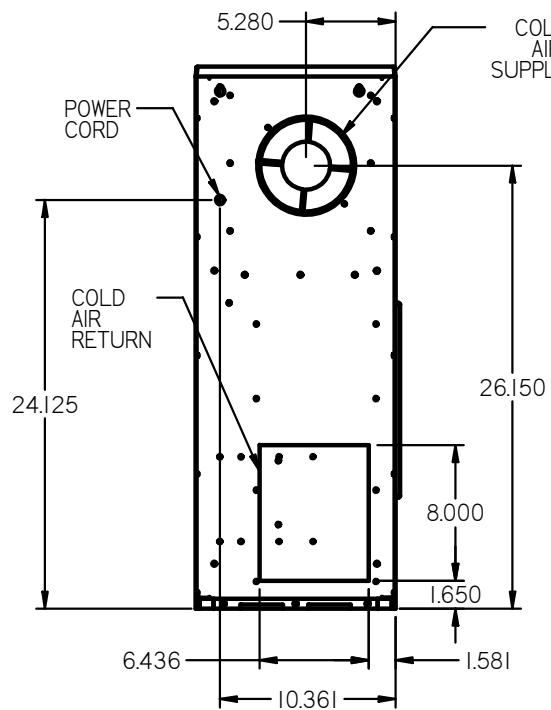
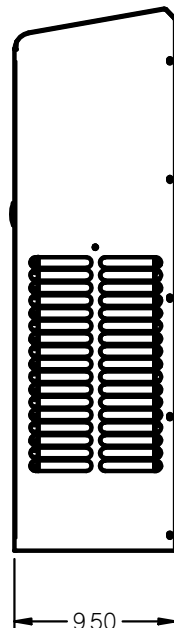
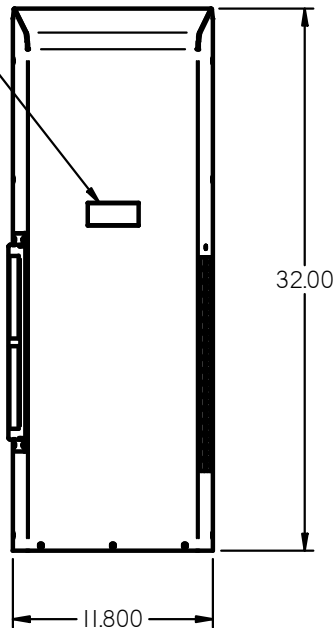
DRAWN	NAME	DATE	 Thermal Edge Inc. COMPACT SERIES 2000 BTUH CS020
CHECKED	atittle	09/11/07	
ENG APPR			
MGR APPR			
UNLESS OTHERWISE SPECIFIED			SIZE
DIMENSIONS ARE IN INCHES			D
ANGLES ±1° or 1 PL ±0.5°			FILE NAME: TEI CS020.dft
2 PL ±0.02 3 PL ±0.010			SCALE: WEIGHT: SHEET 1 OF 1



REUSABLE
FILTER,
OPTIONAL
FRAME:
1) SCREW DOWN
2) SLIDE OUT TO
EASE ACCESS

AMBIENT
AIR IN

DIGITAL
TEMPERATURE
CONTROLLER





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Industrial Construction

- Free standing rigid chassis eases installation and maintenance

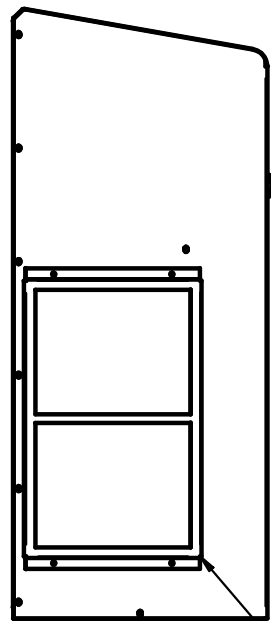
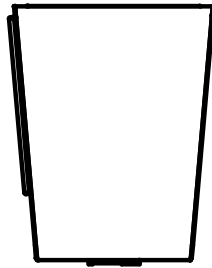
Compressor Protection System

- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Compressor run capacitors reduce power inrush, save energy and increase compressor life

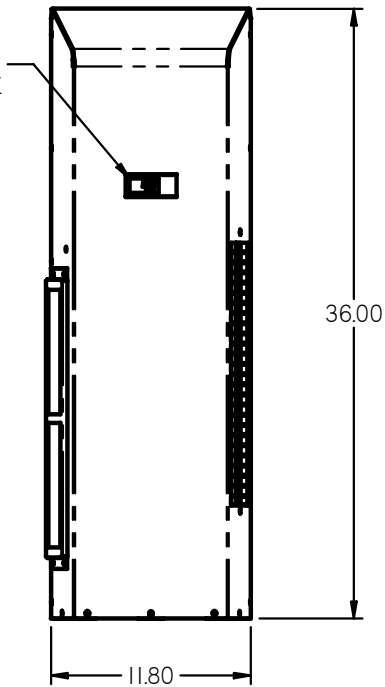
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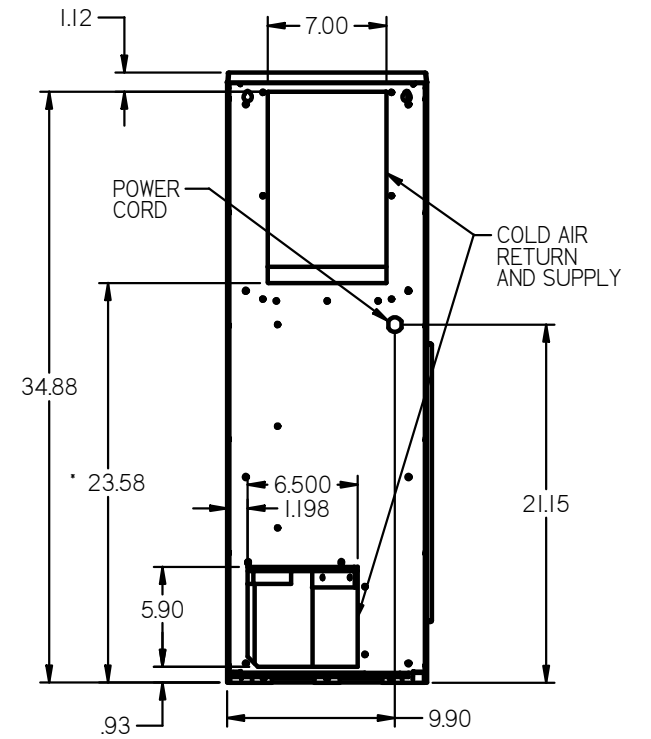
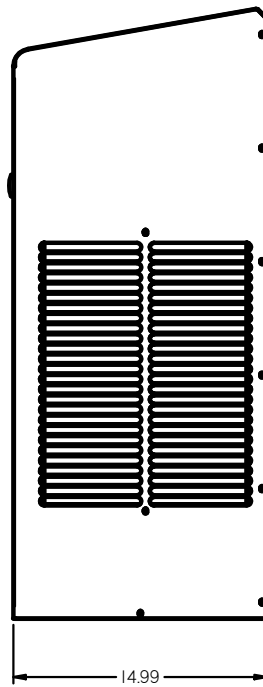
Model	BTU/Hour	Voltage/ Hz.	Running Amps	Max. Ambient Temperature	H x W x D	Ship Weight Lbs.
NE050126	5000	120/60	7.70	125°F	36" x 11.8" x 15.02"	100
NE050230	5000	220/50	4.07	125°F	36" x 11.8" x 15.02"	100
NE060126	6000	120/60	7.83	125°F	36" x 11.8" x 15.02"	100
NE060236	6000	220/60	4.95	125°F	36" x 11.8" x 15.02"	100
NE080126	8000	120/60	8.70	125°F	36" x 11.8" x 15.02"	100
NE080236	8000	220/60	5.05	125°F	36" x 11.8" x 15.02"	100



DIGITAL TEMPERATURE CONTROLLER



WASHABLE REUSABLE FILTER (OPTIONS: SCREW DOWN FOR SECURITY OR SLIDE OUT SIDE)





Thermal Edge Inc.

10,000 & 12,000 BTUH
Indoor/Outdoor, NEMA Types 12, 4 & 4X Available

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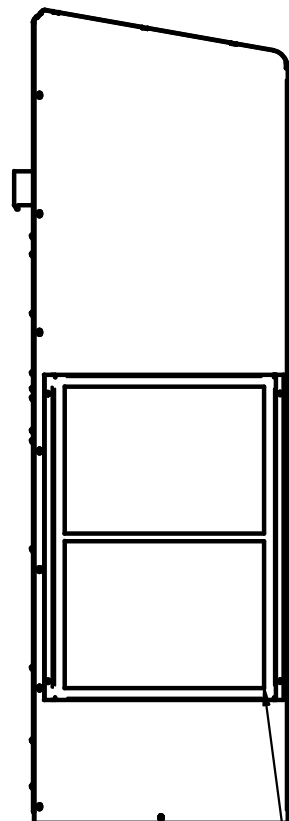
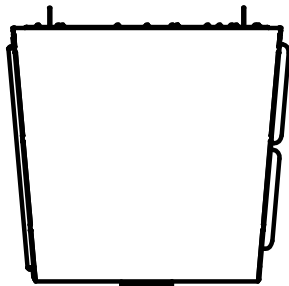
- Free standing rigid chassis eases installation and maintenance

Compressor Protection System

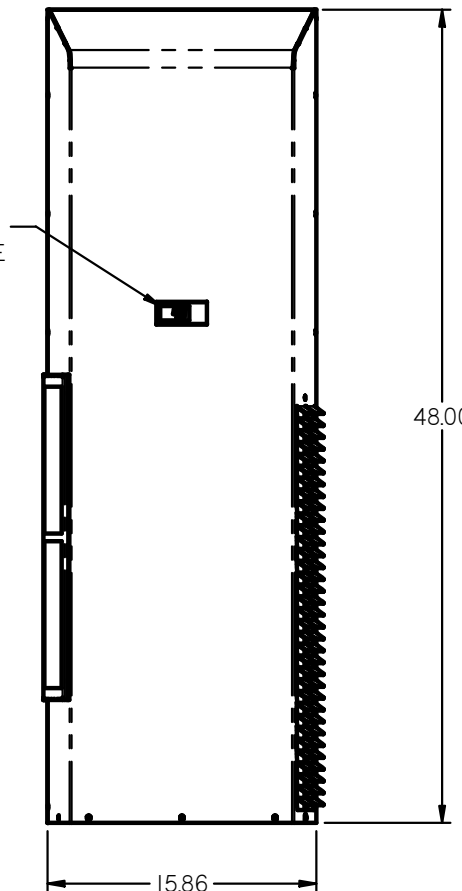
- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Compressor run capacitors reduce power



Model	BTU/Hour	Voltage/Hz.	Running Amps	Max. Ambient Temperature	H x W x D	Ship Weight Lbs.
NE100126	10,000	120/60	16.3	125°F	48" x 15.86" x 15.03"	145
NE100236	10,000	230/60	8.12	125°F	48" x 15.86" x 15.03"	145
NE120126	12,000	120/60	16.3	125°F	48" x 15.86" x 15.03"	145
NE120236	12,000	230/60	8.12	125°F	48" x 15.86" x 15.03"	145

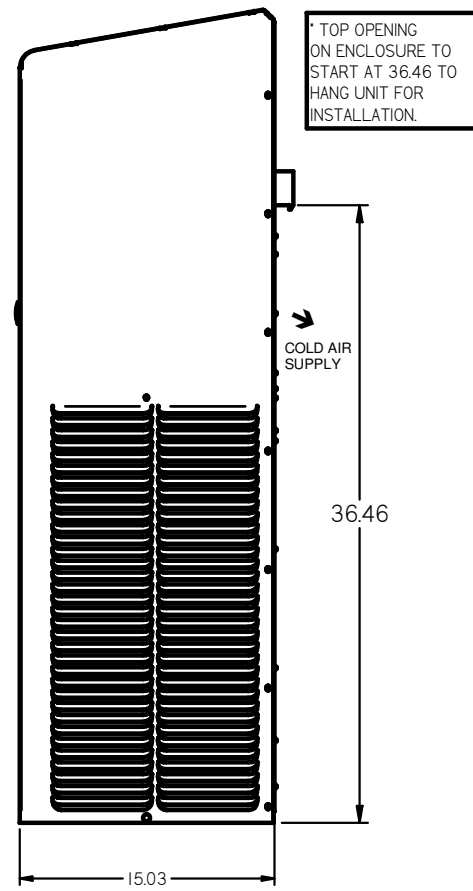


DIGITAL TEMPERATURE CONTROLLER



WASHABLE REUSABLE FILTER

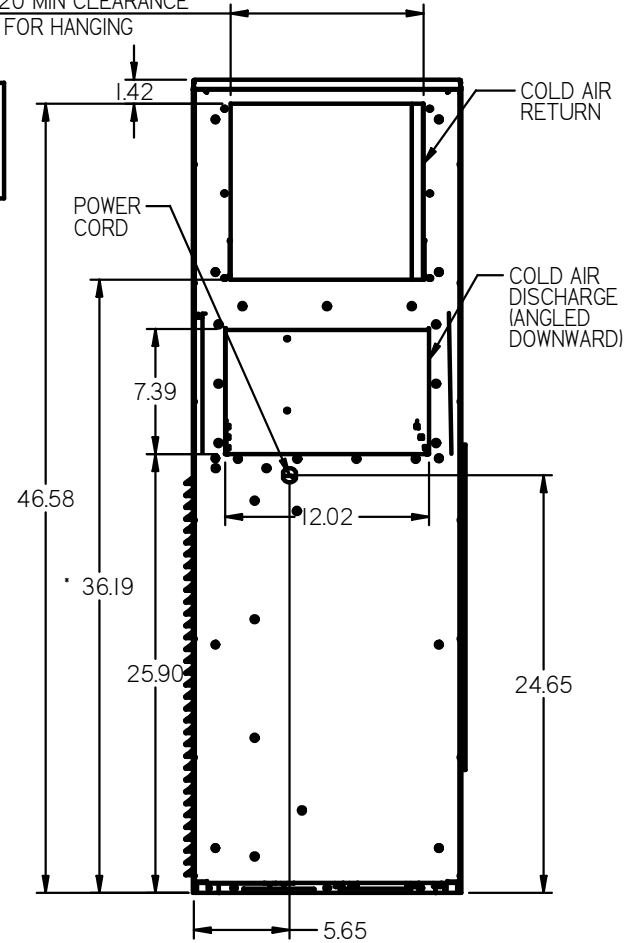
FRAME OPTIONS;
1) SCREW DOWN FOR SECURITY
2) SLIDE OUT TOP TO EASE ACCESS



TOP OPENING ON ENCLOSURE TO START AT 36.46 TO HANG UNIT FOR INSTALLATION.

COLD AIR SUPPLY

11.39
ADD .20 MIN CLEARANCE FOR HANGING

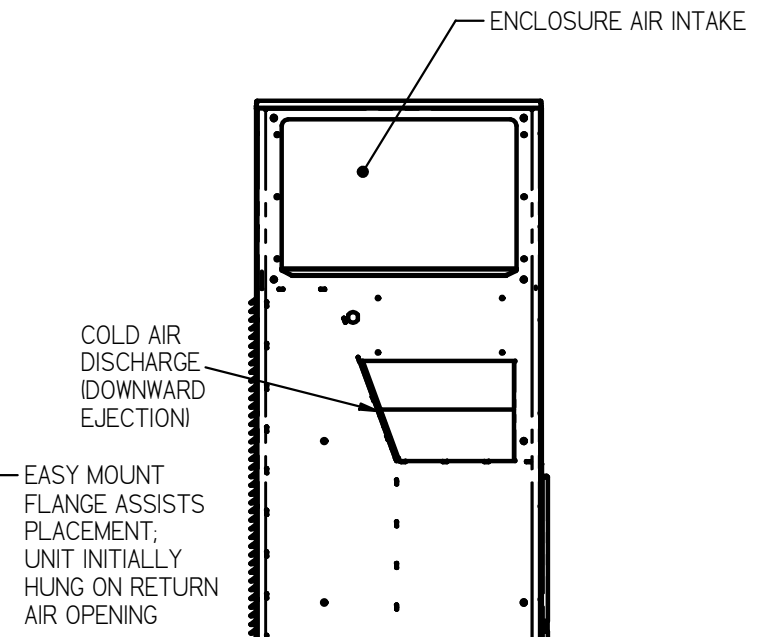
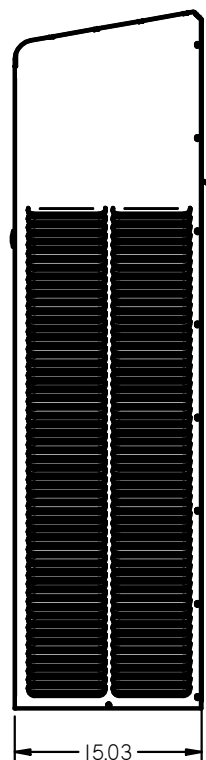
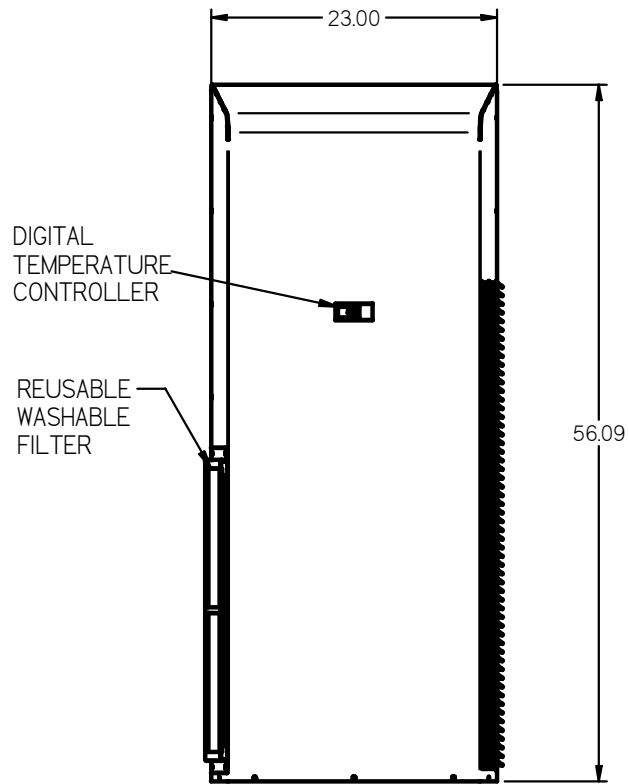
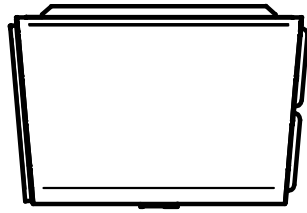


POWER CORD

COLD AIR RETURN

COLD AIR DISCHARGE (ANGLED DOWNWARD)

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



DRAWN		skpkins	08/02/07	Thermal Edge Inc.	
CHECKED				NE200, 20000 BTUH	
ENG APPR				tei NE20000	
MGR APPR				SCALE: WEIGHT: SHEET 1 OF 1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES ±1° or 1 PL ±0.5° 2 PL ±0.02 3 PL ±0.010				D	