

# OnLine Power

For  
*Varian Oncology Systems*

## PRE-INSTALLATION INSTRUCTIONS FOR POWER CONDITIONERS

### 1-1 LOCATION CONSIDERATIONS OPERATING ENVIRONMENT

Provide an operating environment which meets the following conditions:

- **AMBIENT TEMPERATURE**  
All models                    32° to 104°F (0° to 40°C)
  
- **RELATIVE HUMIDITY**  
All models                    5% to 95% (non-condensing)

**CLEARANCES** - Provide the installation clearances as shown in Figures 1, 2, 3, 4, and 5. These units are air cooled by convection. Do not block air flow from the front, rear or bottom of the unit.

### 1-2 INPUT POWER REQUIREMENTS:

<i>Varian Model</i>	<i>OnLine Power Model</i>	<i>Size (kVA)</i>	<i>Input Voltage</i>	<i>Output Voltage***</i>	<i>Figures</i>
<b>Clinac®</b> 4/100 6/100 600C	VACL015B	15	208	208Y/120	1 & 2
	VACL015H		480		
	VACL015E*		380		
	VACL015F*		415		
	VACL015E-06* & **		380		
<b>Clinac®</b> 18R/1800 2100C 2100C/D 2300C/D 2300C/D	VACL075B	75	208	208Y/120	3 & 4
	VACL075H		480		
	VACL075E*		380		
	VACL075F*		415		
	VACL075E-06* & **		380		
	VACL075J		600		
<b>Ximatron®</b> C-Series	VAXI120B	120	208	480Y/277	5 & 6
	VAXI120H		480		
	VAXI120E*		380		
	VAXI120F*		415		

\* 50 Hz Models

\*\* Special China Model

\*\*\* Other Voltages Available

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**PRE-INSTALLATION INSTRUCTIONS (Continued)      POWER CONDITIONERS**

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**1-2. INPUT POWER REQUIREMENTS (Continued):**

<i>Power Rating</i>	<i>15 kVA</i>	<i>75 kVA</i>	<i>120 kVA</i>
Nominal Input Voltage(V)	Nominal Input Current (Amps)	Nominal Input Current (Amps)	Nominal Input Current (Amps)
208	42	208	334
480	18	90	144
380	23	114	182
415	21	105	167
600	15	73	116
<b>Heat Dissipation</b>			
<b>BTU/HR</b>	<b>2,042</b>	<b>10,213</b>	<b>16,320</b>

1-3. **Seismic Mounting:** In the event that seismic mounting is a necessity, OnLine Power Offers Seismic Mounting Kits as an accessory for the 75 kVA and the 120 kVA models. The 15 kVA models are structured mechanically for seismic mounting. See listing below and consult OnLine Power for further details.

**Seismic Mounting Kit Part Numbers**

Model Type	Cabinet Number	Cabinet Dimensions (H x W x D)	OnLine Power P/N
VACL075	5451	42" x 32" x 27"	9100-747
VAXI120 (new style)	5067	72" x 34" x 34"	9100-1206
VAXI120 (old style)	5000	63" x 31.5" x 31.5"	9100-735

Notes:

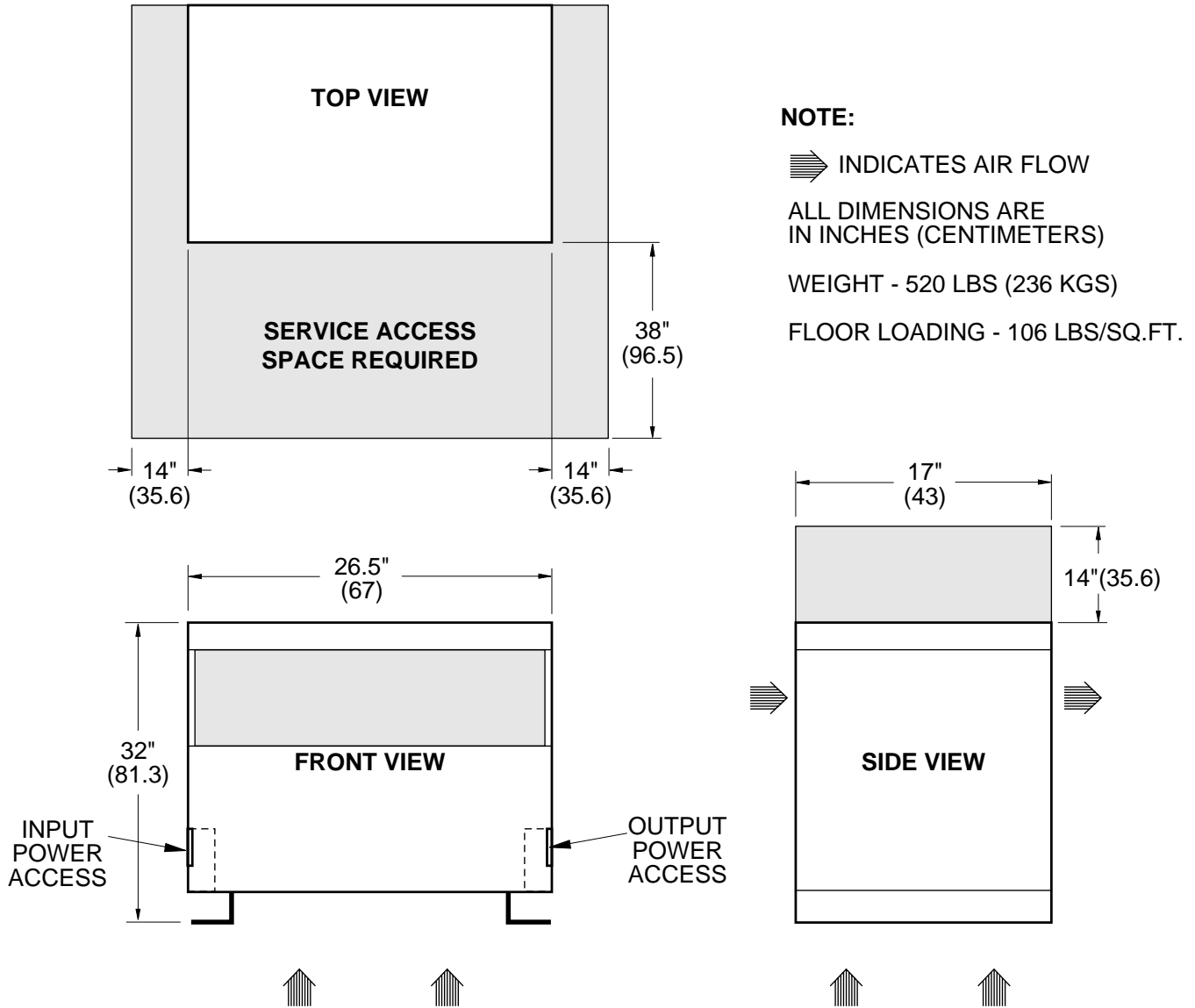
- ¥ All units are air-cooled. Do not obstruct airflow paths in front, rear, and top.
- ¥ Clearances must be maintained for servicing units.
- ¥ Cables must not obstruct access to the unit regardless of installation configuration.



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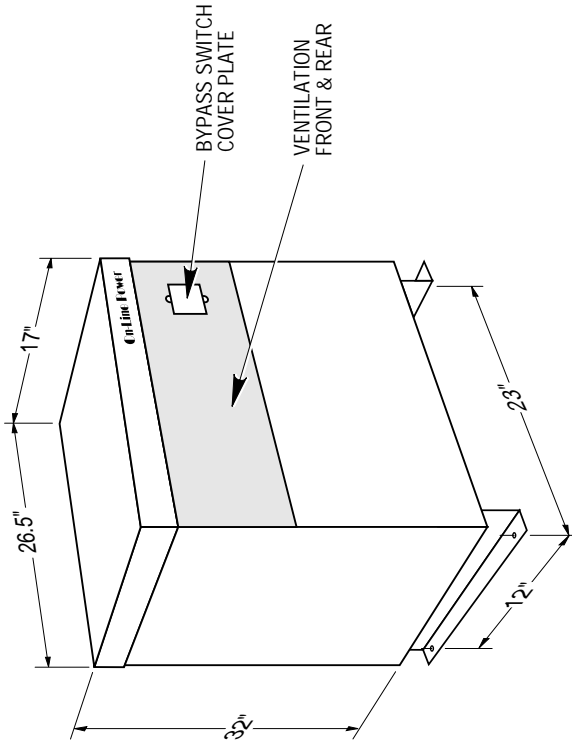
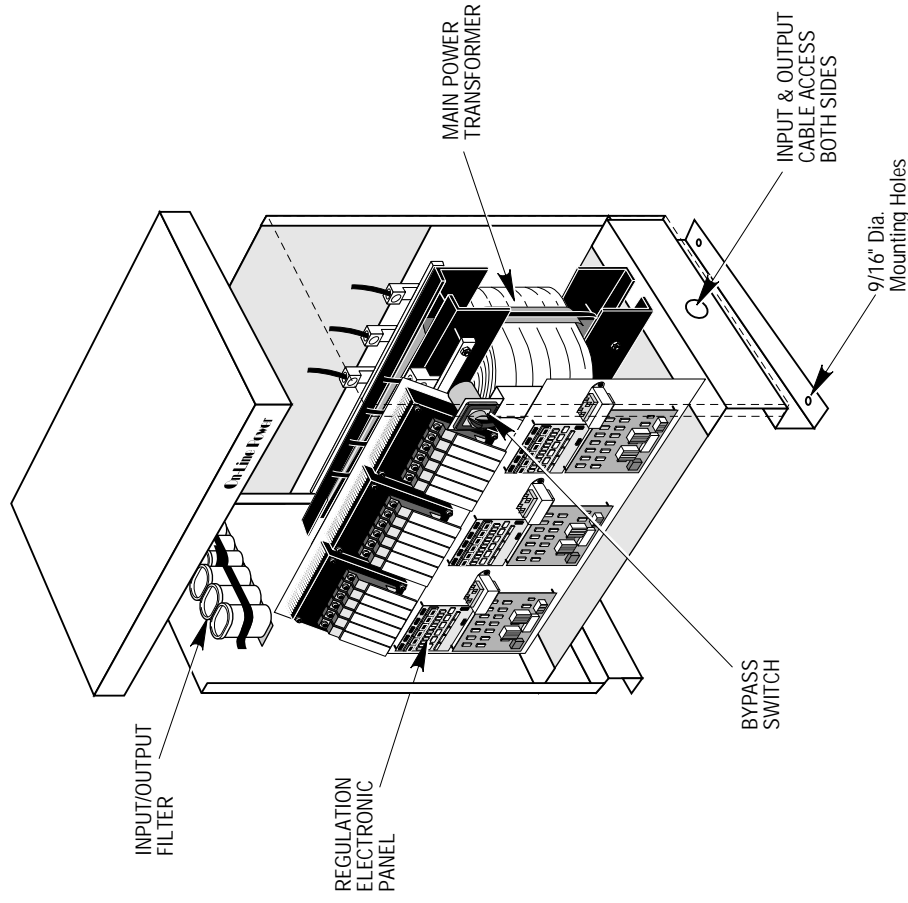
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**Figure 1: Installation Clearance VACL015 (B, H, E, F, or J)**



Floor mounting for seismic loading cabinet model 4061.

**FIGURE 2.**



**Model Numbers:**  
**VACL015 (B, H, E, F, J)**

**Cabinet #: 4061**

**Power Conditioner**

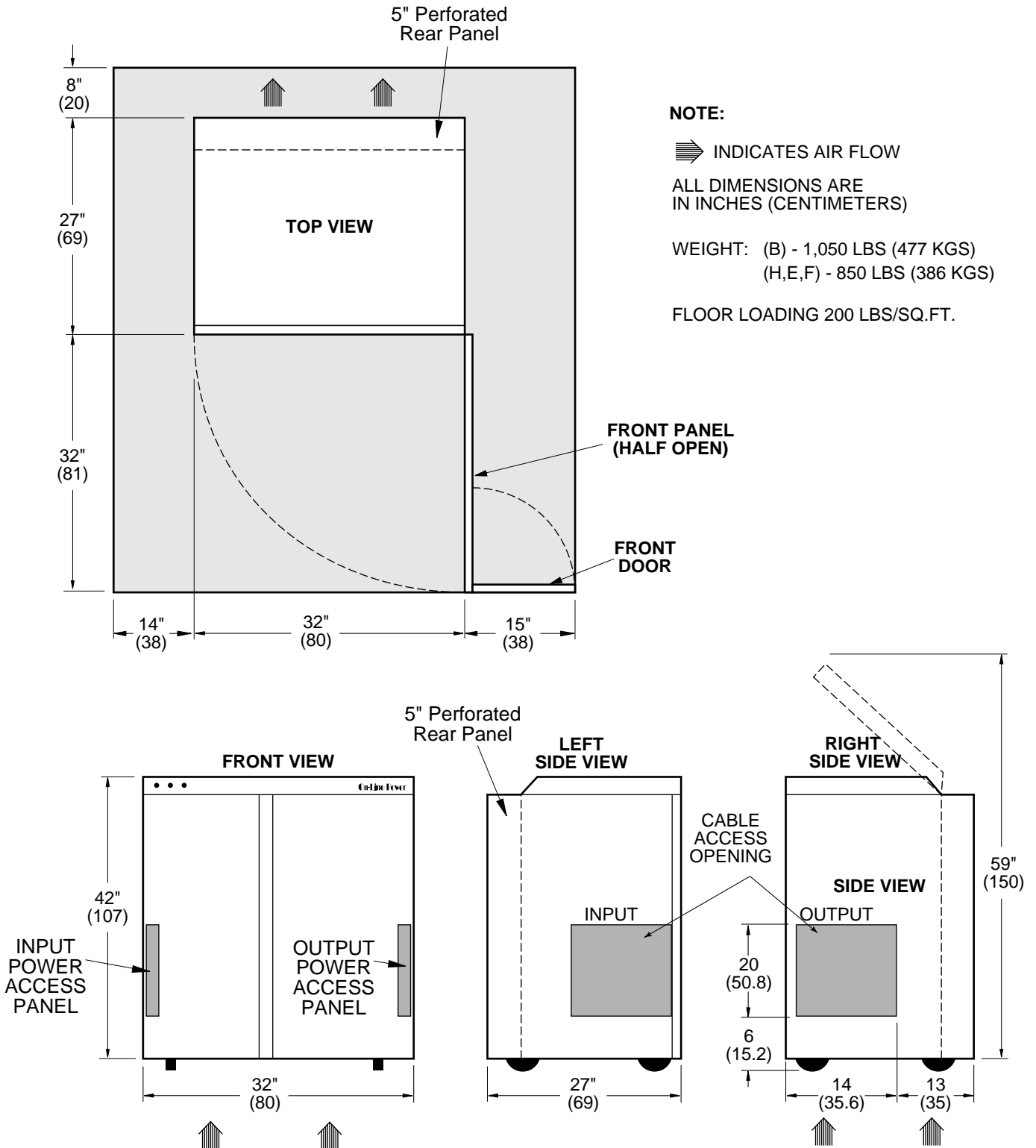


VAR4174A-899

**3 Phase, 15 kVA**

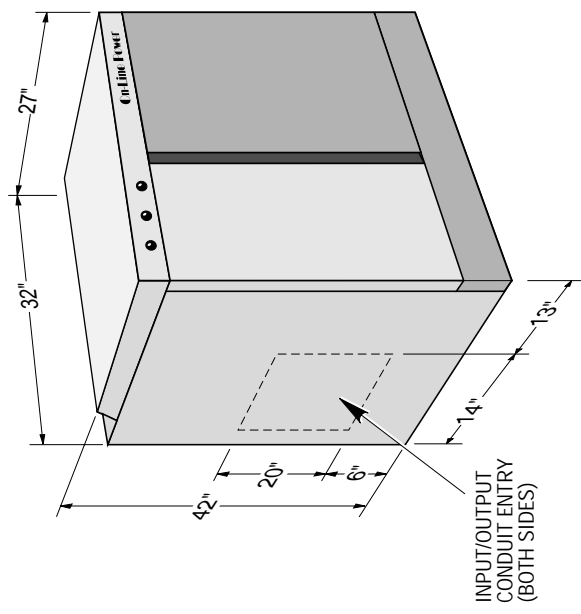
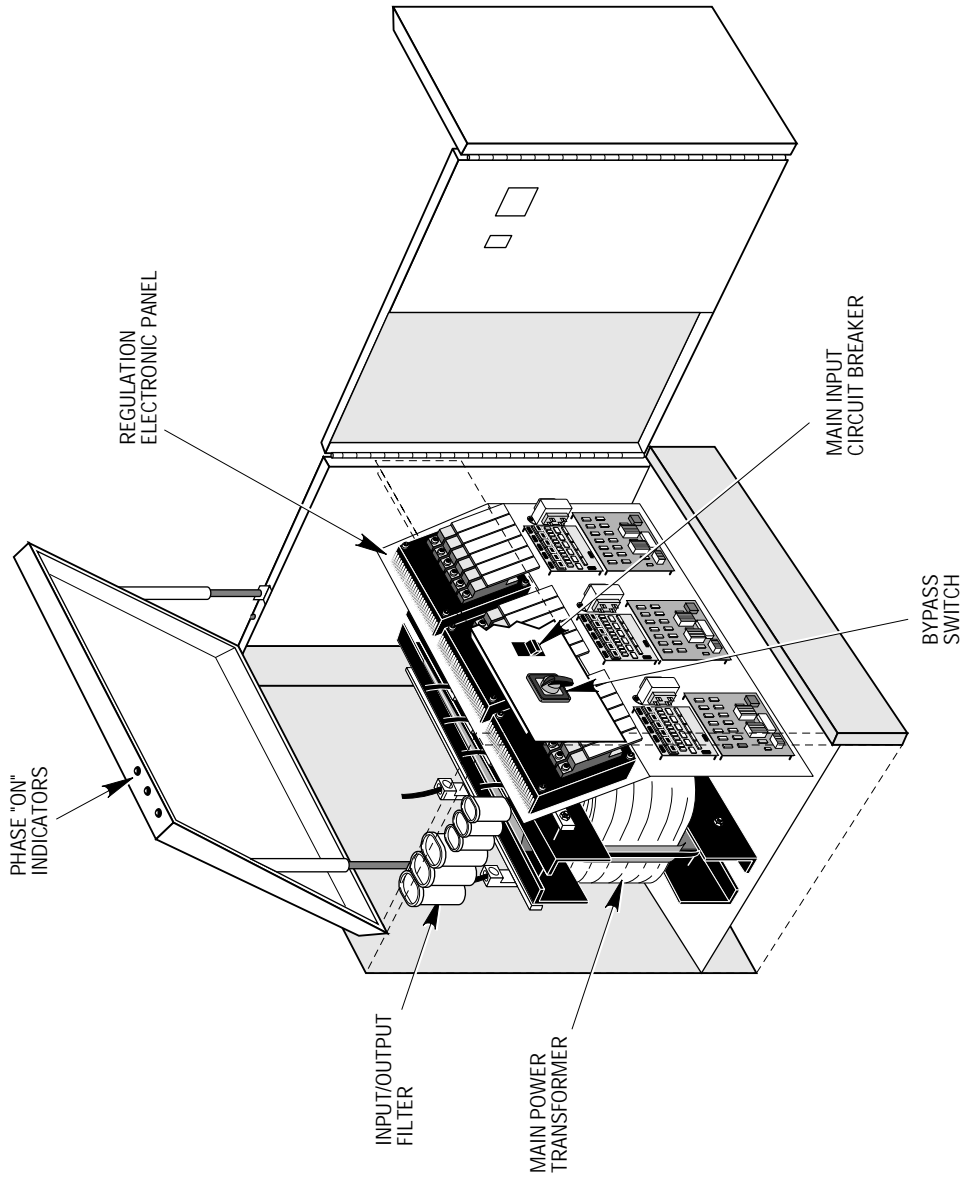
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**Figure 3: Installation Clearances Models VACL075 (B, H, E, F, or J)**




Cabinet Model 5451

**FIGURE 4.**

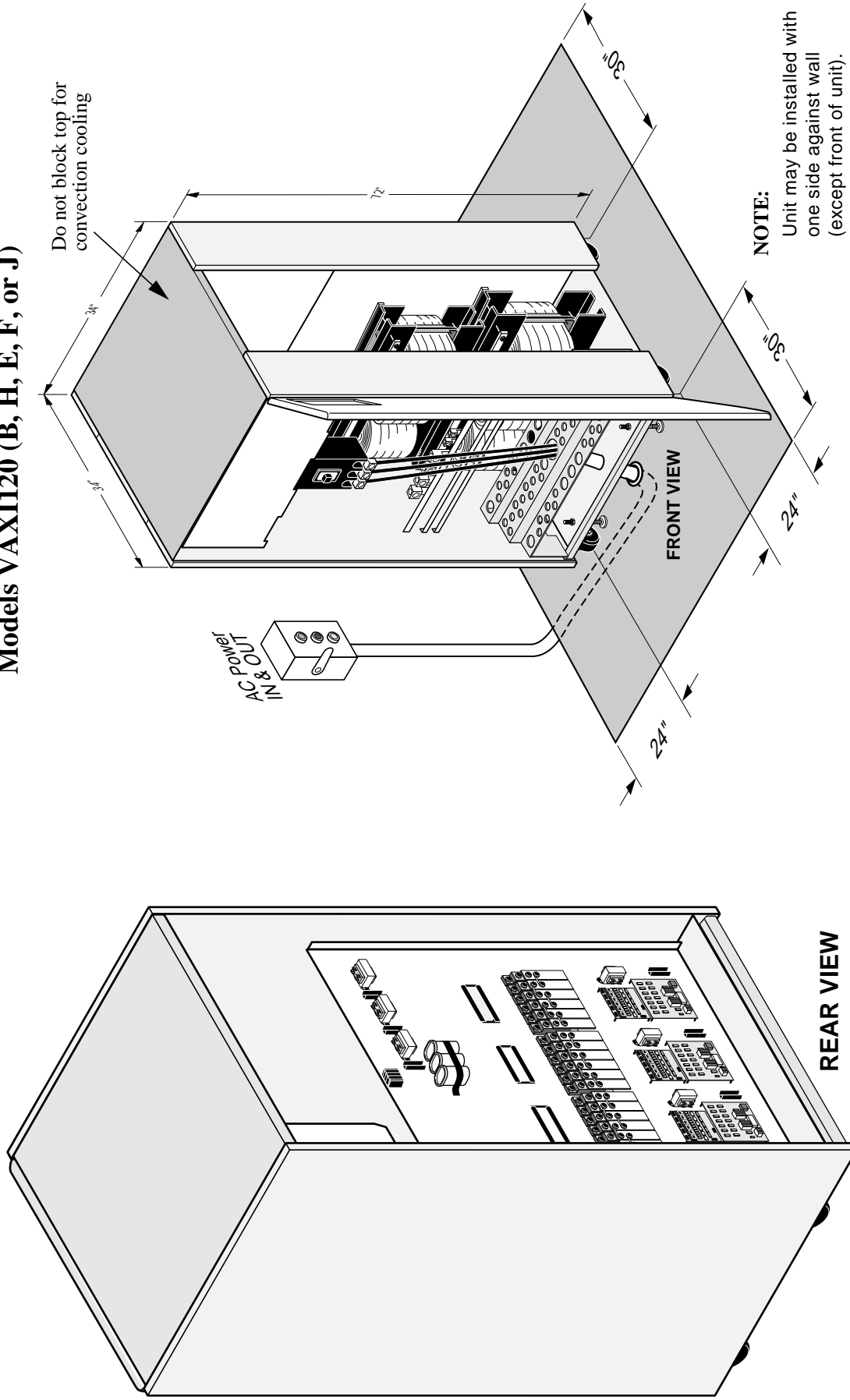


Model Numbers:  
VACL075 (B, H, E, F, J)

Cabinet #: 5451

<b>Power Conditioner</b>	
<b>3 Phase, 75 kVA</b>	 <small>... POWER</small>
VAR4173A-899	

**Fig 5. Installation Clearances for Models VAXI120 (B, H, E, F, or J)**



Cabinet #: 5067  
(Supersedes Cabinet #5000)

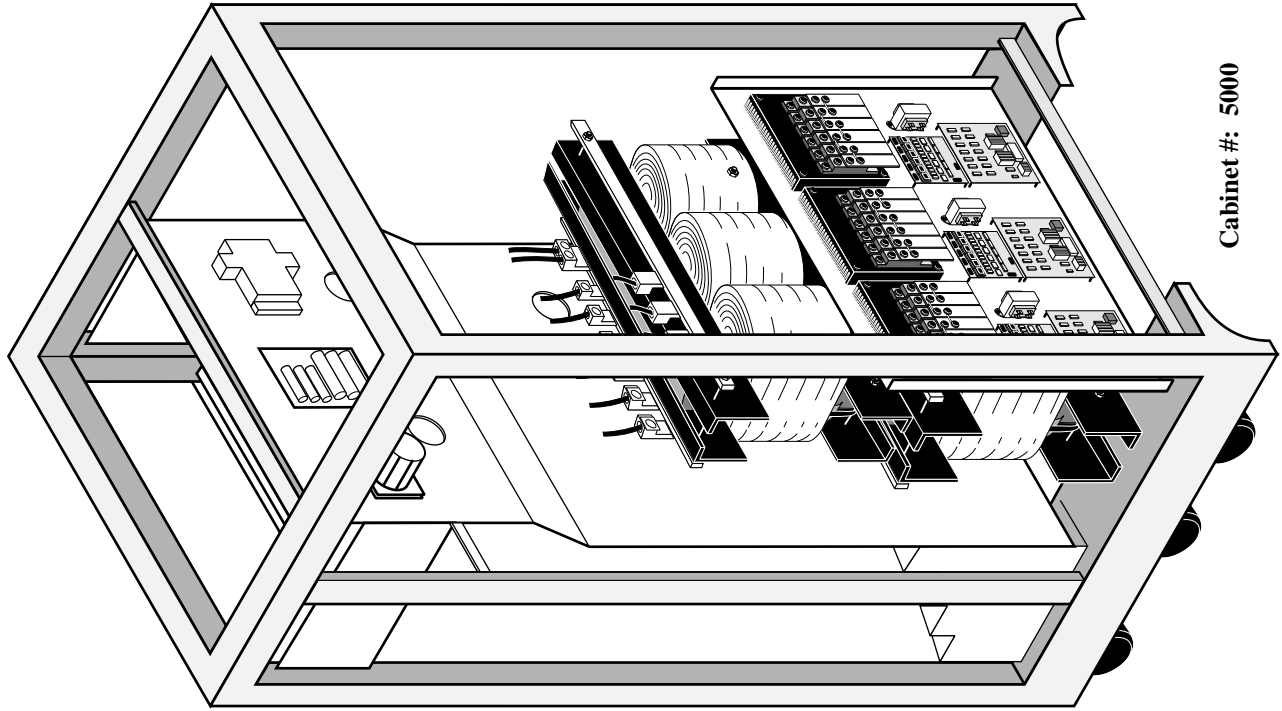
**Power Conditioner**

**3 Phase, 120 kVA**

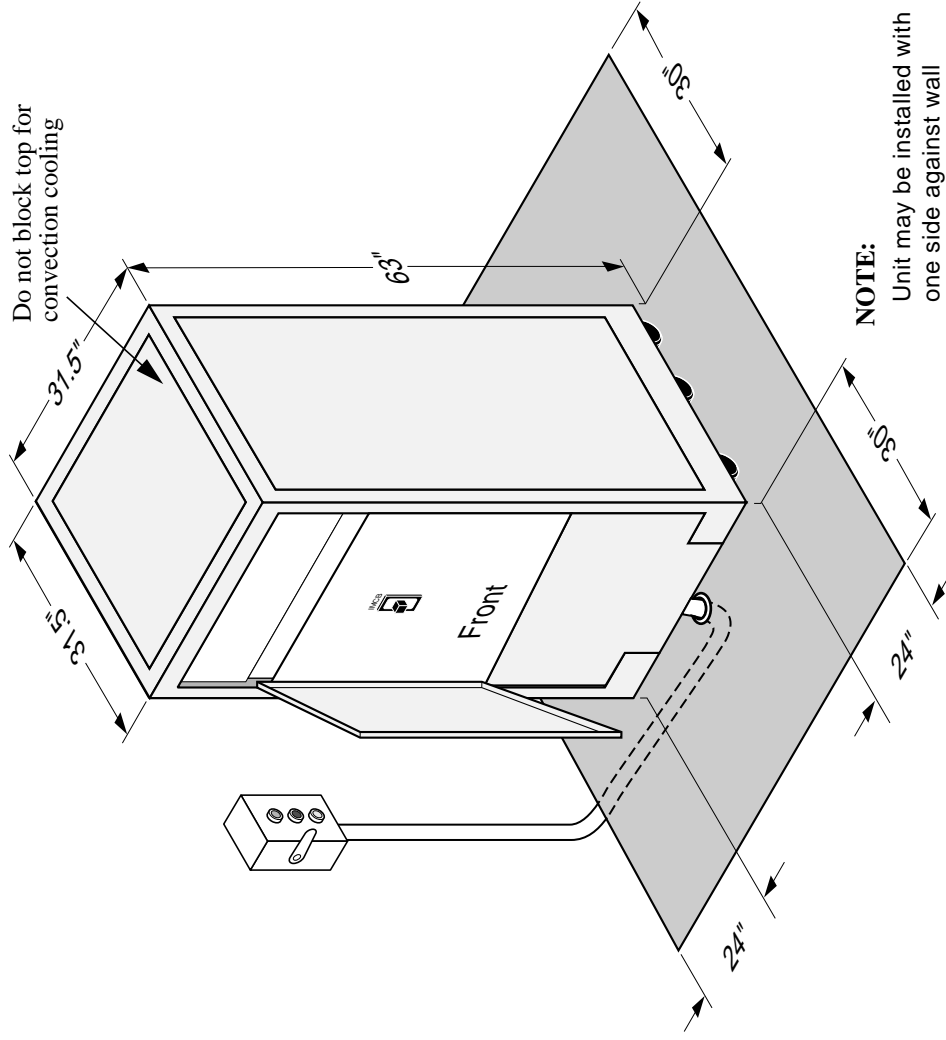


VAR4175A-899

**Fig 6. Installation Clearances for Models VAXI120 (B, H, E, F, or J)**



Cabinet #: 5000



Power Conditioner

3 Phase, 120 kVA



VAR4175B-899