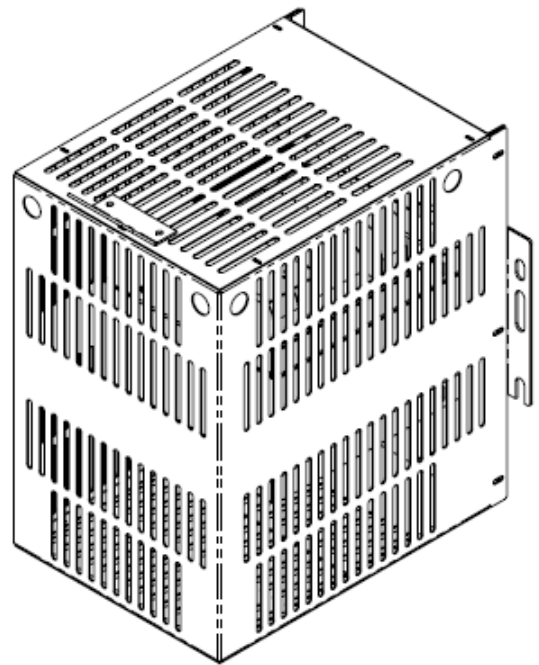
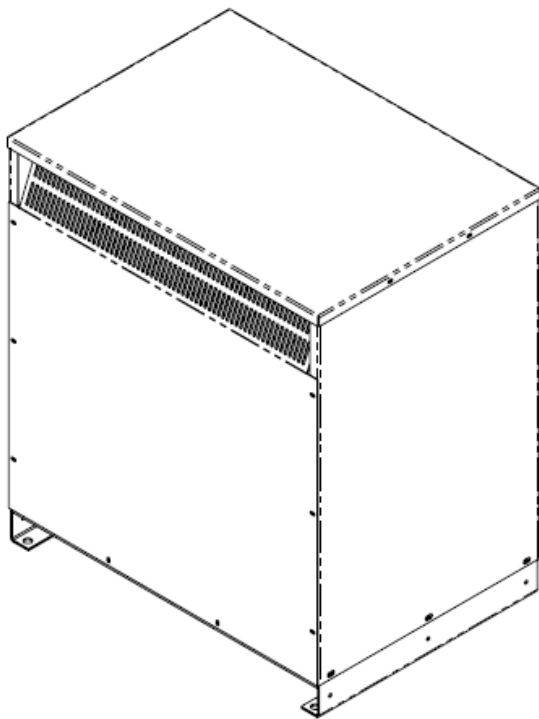


Floor Mount 5-25 kVA
Wall Mount .5-3 kVA



INTRODUCTION

The Series 800PI Industrial Power Purifier is a double magnetic conversion, line-interactive power conditioner designed to deliver regulated, isolated, and noise-free sinewave power in demanding industrial environments. It protects sensitive electronic equipment from electrical disturbances while improving overall system reliability and power quality within the facility.

The 800PI provides high-performance power conditioning using double magnetic conversion technology to deliver stable, harmonic-free, and isolated power. Its robust NEMA 1 enclosure, wide operating range, and high reliability make it well-suited for industrial installations requiring consistent protection from electrical disturbances.

Key Features

Power Conditioning & Protection

- Double Magnetic Conversion Technology Ensures reliable, tightly regulated output power

Comprehensive Disturbance Protection, protects against:

- Voltage spikes and surges
- Oscillatory ring waves
- Electrical noise and impulses
- Overvoltage and undervoltage
- Distorted waveforms
- Short-duration outages

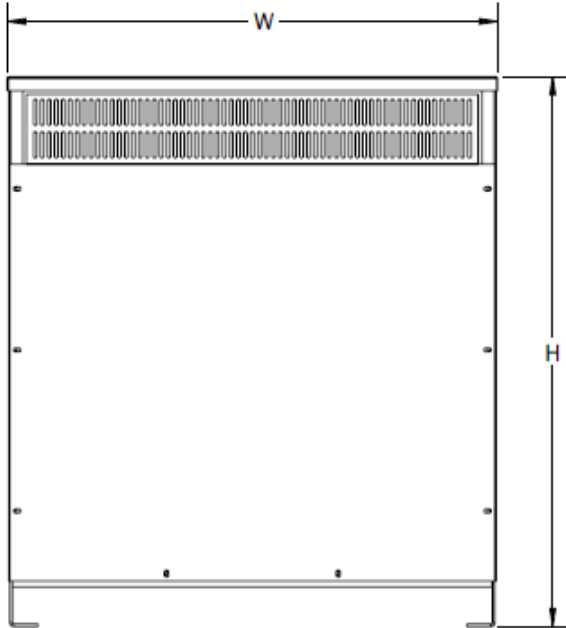
SPECIFICATIONS

Power	
Variable Range Regulation (VVR)	
Input Voltage Tolerance	+10% to -20% (typical load)
	Up to -40%, at 50% load
Output Regulation	±3% output for +10% to -20% input
Ride-Through Capability	1 full cycle
Waveform Immunity	Accepts up to 40% THD input while maintaining ≤5% THD output
Surge Protection	UL 1449 (330V), ANSI/IEEE C62.41 Cat B3
Certifications	UL / cUL Listed (UL 1012)
Load Regulation	±2.5% (0–100% load)
Voltage Recovery	95% within 2 cycles; 100% within 3 cycles
Efficiency	92% at full load
Frequency	60 Hz (50 Hz optional)
Distortion	5% maximum at full load
K-Factor	K-30
Audible Noise	52–56 dB @ 1 meter
Operating Temperature	-20°C to +40°C
Transverse Mode Noise	120 dB
Common Mode Noise	140 dB
140 dB	45–60 dB (size dependent)

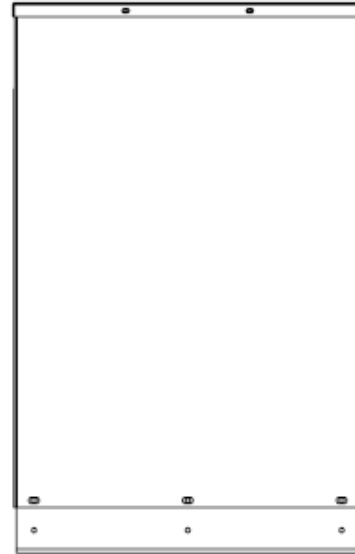
DIMENSIONAL DRAWINGS

Floor Mount	W	D	H
5 - 10 kVA	23	20	28
15 - 25 kVA	35	25	40

Front View

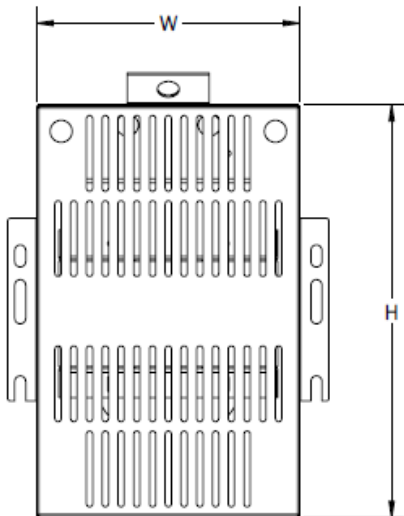


Side View



Wall Mount	W	D	H
0.5 - 1 kVA	7.1	9.8	13.9
1.5 - 3 kVA	10.4	14.6	16.4

Front View



Side View

