

Overview

Power Boosters for IMMIX System

When an application exceeds the capacity of a single channel, or the capacity of a master control station, or there is a need to accommodate other load types and voltages, IMMIX Power Boosters are easily added to the system. Each IMMIX Power Booster consumes less than 15 watts from the master station channel and are offered in a variety of load types, listed below. One or multiple boosters can be wired to a single, master control station channel as long as the channel or station capacity is not exceeded.



Lamp/Ballast Type	120 VAC	277 VAC
Cold Cathode	LD200PB120IN	LD200PB277IN
Compact Fluorescent	Varies, consult factory	Varies, consult factory
Electronic Low Voltage	Varies, consult factory	Varies, consult factory
Fluorescent Ballast DC Control (0-10 VDC)	LD200PB120DC	LD200PB277DC
Fluorescent Ballast AC Control (2 or 3 wire)	LD200PB120FL	LD200PB277FL
HID Ballast DC Control (0-10 VDC)	LD200PB120DC	LD200PB277DC
HID Ballast AC Control	Varies, consult factory	Varies, consult factory
Incandescent / Halogen	LD200PB120IN	LD200PB277IN
Magnetic Low Voltage	LD200PB120IN	LD200PB277IN
Motor (Screen / shade)	Varies, consult factory	Varies, consult factory
Non-Dim	LD200PB120ND	LD200PB277ND

Ordering Information

Catalog #	Description
LD200PBXXXXX	IMMIX Dimming Power Booster 2000 watt maximum
	Control Type Selection - Choices: (for all others, contact the factory)
	IN - Incandescent / Quartz / Neon / Cold-cathode / Magnetic low-voltage lamps
	FL - Phase Control Fluorescent Ballasts, 2 or 3 wire
	DC - 0-10 V Analog Fluorescent Ballasts
	ND - Non-Dim Loads
	Voltage Type Selection - Choices:
	120 - 120 Volt Loads
	277 - 277 Volt Loads

Specifications:

Electrical

Controls

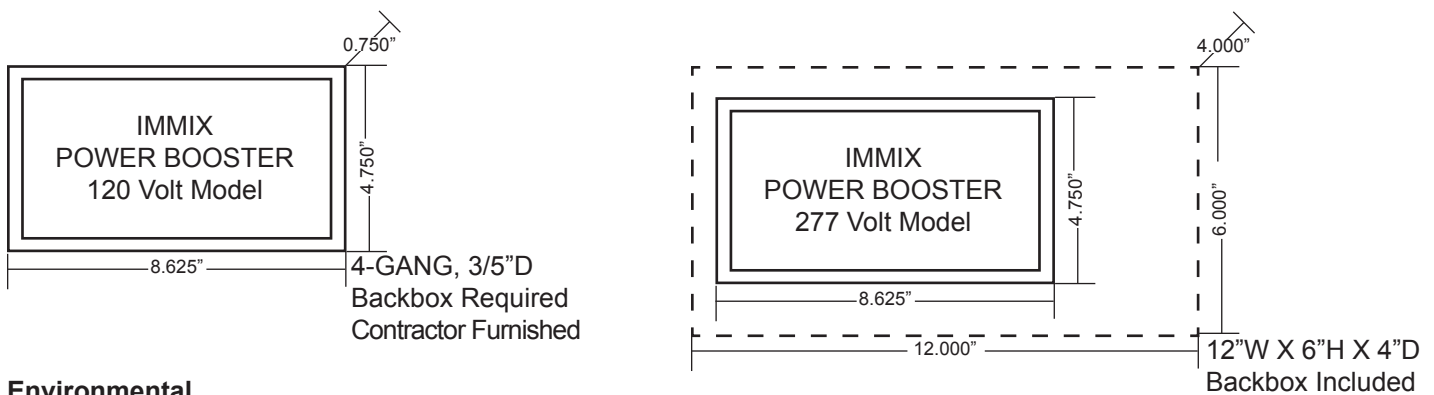
- Incandescent
- Magnetic low-voltage lamps
- Quartz
- Neon / Cold-cathode
- Phase Control Fluorescent Ballasts
- 0-10 V Analog Fluorescent Ballasts

Channel Rating
Wiring

Each power booster increases individual channel capacities in 2000-watt increments.
Class 2 control wiring to auxiliary control stations.

Mechanical

High impact polycarbonate faceplate with permanent legends and no visible mounting screws.



Environmental

Operating Temperature: 0° to 125°F
Operating Humidity: 20% - 95% RH, Non-condensing

Listings and Certifications

UL Listed to U.S. and Canadian Safety Standards, UL 916

Sample System Architecture

