Things To Know Before You Start!
-Be sure all power is OFF from the panel to the installation location.
-Access to the pedestal is gained by sliding one section up and down, see complete details below.
-DO NOT use power tools to lock or unlock the pedestal, use a 5/32" hex wrench ONLY!
-Keep all fingers, wires etc. clear of both the cap and the base when closing the pedestal.

IP3 Options/Configurations:

There are two lines of pedestals available, the IP3 with IPLC Control and our Basic Line. Both offer a modular design allowing for many different options, the enclosed pedestal will reflect what you have ordered.

-The IP3 enclosures ordered with the IPLC control will have Green and Red LED lights and a Data-Mate Access Port. Both the 45 down and FS mount option can be ordered with a 15 OR 20 amp rated receptacle. The FS mount option includes an approved in use cover.

-The Basic line does not include the IPLC control and will not have these lights.

-The 45 down option in the Basic line includes a 15 amp rated receptacle.

-The FS box mount option in the Basic line will have a pre-cut FS standard mount opening. The receptacle and in use cover is not included.

-Enclosure heights of 29" to 48" with IPLC control are fitted with one accessory deck with two din rails used for the installation of breakers (not included) within the pedestal.

-The Basic line of pedestals do not come with an accessory deck or din rails unless ordered.
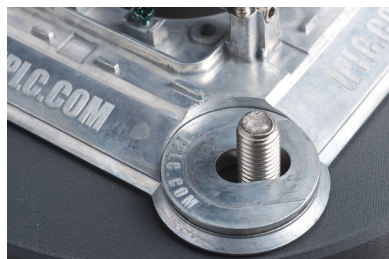
Mounting Rings In Place

Mounting The Enclosure:

The IP3 Series is anchored using the universal mounting rings provided allowing for a wide range of bolt patterns from 6" to 7" spacing. Standard bolt size is 5/8". To mount, position the enclosure over the mounting bolts in the concrete base and place the mounting rings over the bolts rotating them until they fit in place. Install the stainless steel washers provided over the bolts and finger snug the mounting nuts (not included) before tightening.

Access To The Enclosure:

Only the section with the visible Hex Socket Screws slides up and down for installation and service of the pedestal. ***DO NOT USE POWER TOOLS TO LOCK OR UNLOCK.*** A 5/32" Hex wrench is used (not included) to lock or unlock the enclosure. Turn the screws CLOCKWISE as far as possible to unlock the pedestal and COUNTER CLOCKWISE to lock. *Using power tools on these screws will strip them and they can not be replaced on site!*

5/32" Hex Wrench Used To
Lock/Unlock Pedestal

Side View Of Dual Pedestal In
Service Position

Service
Clip
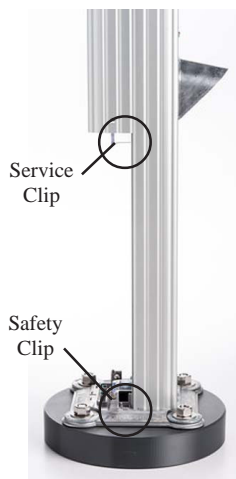
Safety
Clip

To Open: This pedestal has been shipped in the unlock position and is ready to open. Using the 45 down outlet or FS opening as a hand hold carefully slide the front section of the enclosure up past both the safety clip and the service clip. The top cap of the pedestal moves with this section. *CAUTION: This clip is designed to keep the front section from falling down however DO NOT apply pressure or place anything heavy on the top of the pedestal when open or in the service position.*

To Close: Using the 45 down outlet or FS opening as a hand hold, lift the front section slightly to release the pressure on the service clip, push the clip in and slowly slide the front down past the clip. Continue to slide down slowly, stopping at the safety clip. *Check to be sure all fingers, wires etc. are free of the cap and base before proceeding.* Once clear, push in the safety clip and slowly slide the front down to the base. Using both hands squeeze in around the sides of the top just below the cap and firmly push the front down into place on the base. Lock the pedestal (using a hex wrench ONLY) by turning the screws counter clockwise until flush with the outside surface.

Warranty & Disclaimer: The IP3 has a 3 year warranty on material and workmanship. This covers normal use of the product only and does not cover abuse, accidental damage or vandalism. The manufacturer is not responsible for the proper use and installation of this product. The manufacturer is not responsible for any costs for installation or removal of this product for any reason.

Programming Information & Wiring Guide Applicable For IP3 Series Pedestals With IPLC Control Only

The IPLC control installed in the IP3 Pedestal is pre-programmed with a standard schedule averaging 65% in savings (see program profile below). Our factory setting on this control is 15 Amps which can be adjusted with the use of the Data-Mate (not included). There is a 2.25 minute test time (at any temperature) followed by a two-hour initial power delay. The unit's cycle time (checks the ambient temperature) is every 4.50 minutes.

Factory Pre-Programmed Schedule

Primary Profile	
Temperature	**Percent ON**
> -5.0 ˚C	0.00 %
-5.0 ˚C	9.77 %
< = -25.0 ˚C	100.00 %

LOAD LIMIT: 1800 W (15 Amps)
INITIAL POWER DELAY = 2.05 hours
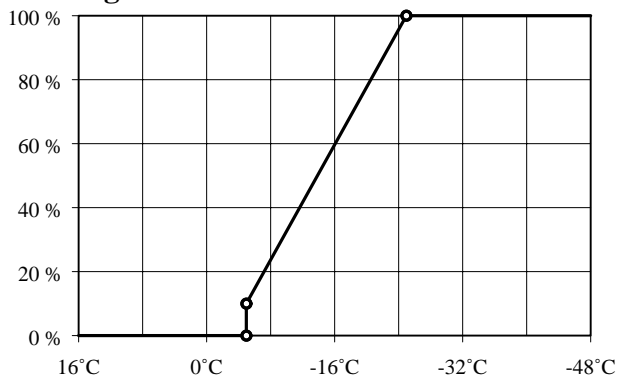
Primary Profile

Electrical & Wiring Specifications: Dual 125 VAC, AC supply, 20 Amps rms, 60 Hz circuit operation, resistive loads only. 240 VAC single phase split circuit with neutral, 208 VAC Line-to-Line 3 phase with neutral. Available wires per control; Red - Hot, Black - Hot, White - Neutral, White/Black Stripe - Neutral. (Note - the double sided pedestals have two separate controls.) The ground wires are already connected within the pedestal, one ground stud is available on the base.

Configuration	Wiring	Notes
Dual Stall/ Dual Circuit	Red - Hot #1 Black - Hot #2	
Dual Stall/ Single Circuit	Red - Hot #1 Black - Hot #1	Connect Red and Black with available Hot. Set load limit to 900 Watts using IPLC Data-Mate.
Single Stall ONLY Port A will be available for use.	**Option #1** Red - Hot #1 Black - Hot #1	Connect Red and Black with available Hot. Configure for Single Stall operation using IPLC Data-Mate (recommended method). Port B will always have a red light.
	Option #2 Red - Hot #1 Black - Neutral	IPLC Data-Mate NOT available Connect Red with available Hot. Connect Black with Neutrals. Port B will have no lights, recommend capping off.

The wiring within this pedestal includes two separate Neutrals (White and Black/White Striped wires) to allow for GFCI installations if required. Be sure each Neutral is connected with its associated Hot Neutral terminal. If there is only one Neutral coming in from the power source connect the two provided Neutrals (White and Black/White Striped) with this available Neutral.

COMMON WIRING: Whites - Neutral
Green - Ground

The ground wires are already connected within the pedestal, one ground stud is available on the base.

Commissioning Procedure For Pedestals With A Control: Connect the wiring for the control as described above, reset breakers, the units should flash "Green" after ~4 seconds. Assert a test load which does not violate the preprogrammed load limits (a standard interior heating load with selectable wattage is suitable). The outlets "Green" light will be lit solid and power will be delivered to this load if all is well. A solid "Red" light will indicate the applied load is too large. Remember to assert the load for each outlet and only a short connection period is required to verify proper operation. Note: If the "Green" lights do not flash after ~10 seconds (and you are sure power is applied to both circuits) this indicates a poor wiring connection. Turn off power, reaffirm the wiring connections and repeat.

LED Lights & Functions: The IP3 Pedestals with the IPLC control include LED lights and a Data-Mate access port. Each stall or port has two associated lights, one green, the other red. The CPU Access Port in the center is for the Data-Mate. These LED lights reflect the status of the IPLC and the condition of any attached loads. A flashing green (with no load attached) indicates power is available, solid green (with load attached) indicates the load is accepted, rapid flashing red (with load attached) indicates a short circuit in your equipment and a solid red (with load attached) indicates the load is over the programmed limit. For more details on the light functions visit www.iplc.com

GFCI Protection: The IPLC control includes short circuit protection but does not include GFCI protection, if this is required it must be added with the installation of GFCI breakers either at the panel or within the IP3 Pedstal.