

# Plug in control box

## **Specifications:**

Nema 5-15 male plug

Rating 13.5A and 120v

## **Program:**

A: (3-speed blower/20min timer/with purge cycle)

B (Variable speed/20min timer/with purge cycle)

C (ON/OFF /20 timer)

D (3-speed blower/20 timer/without purge cycle)

***Program selection instructions (The operation is effective only within 1 minute after the controller is powered on. It will be invalid when it is more than 1 minute ) :***

1. Within 1 minute after the controller is powered on, press and hold the pneumatic switch for about 10s, at this time, the LED will be on and display white light, indicating that it enters program selecting mode.
2. 5 seconds after entering program selecting mode, select mode A /B/ C by pressing pneumatic switch. The details are as following  
Short press once, selecting program A (3-speed blower/20min timer/with purge cycle)  
Short press twice, selecting program B (Variable speed/20min timer/with purge cycle)  
Short press three times, selecting program C (ON/OFF /20 timer)  
Short press four times, selecting program D (3-speed blower/20 timer/without purge cycle)
3. 5 seconds after entering program selecting mode, it will exit program selecting mode automatically and the selected program A / B / C will be recorded (the record remains when power off). The current program A / B / C in operation is indicated by the color of the LED as following:

LED red: program A is in operation

LED green: program B is in operation

LED blue: program C is in operation

LED turquoise: program D is in operation

You may visit the following link for a video on "How to Program"

Plug-In control - program

<https://youtu.be/GRM4EzzpDdM>

## **Program :**

- A) 20 minute run timer. press 1 = blower at 40%, press 2= blower at 70% and press 3= blower at 100%, Press 4 = blower off. Purge cycle = 20 minutes after time out or turn off the blower starts at 40% and ramps up to 100% over 30 seconds then remains on high for 1-1/2 minutes then turns off.
- B) 20 minute timer. Press and hold = blower starts at 40% then
- a. ramps up to 50% (then 2 sec hold)
  - b. ramps up to 60% (then 2 sec hold)
  - c. ramps up to 70% (then 2 sec hold)
  - d. ramps up to 80% (then 2 sec hold)
  - e. ramps up to 90% (then 2 sec hold)
  - f. ramps up to 100% (then 2 sec hold)
  - g. ramps down to 90% (then 2 sec hold)
  - h. ramps down to 80% (then 2 sec hold)
  - i. ramps down to 70% (then 2 sec hold)
  - j. ramps down to 60% (then 2 sec hold)
  - k. ramps down to 50% (then 2 sec hold)
  - l. ramps down to 40% (then 2 sec hold)
  - m. ramps up to 50% (then 2 sec hold)
  - n. and so on .....

Release button to stop at desired speed

Press 2 = off. Purge cycle = 20 minutes after time out or turn off the blower starts at 40% and ramps up to 100% over 30 seconds then remains on high for 1-1/2 minutes then turns off.

- C) 20 minute run timer. press 1 = on and press 2 = off
- D) Same program as A but no purge cycle. 20 minute run timer. press 1 = blower at 40%, press 2= blower at 70% and press 3= blower at 100%, Press 4 = blower off.