



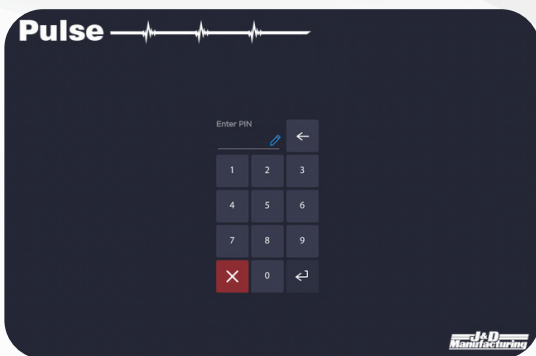
J&D
Manufacturing

Control

PULSE CONTROL
SMART CONTROL WITH REMOTE ACCESS

How can *you* benefit from the **Pulse Control**?

- See the status of heaters, fans, curtains, foggers, and more in *each room*
- No more manually controlling ventilation or heating equipment
- Set your ideal climate, *and let the Pulse do the rest*
- Monitor and control your facility anytime, anywhere (with internet connection)
- Integrated sensors detect when the environment in your facility is outside of ideal conditions and adjusts equipment accordingly
- Set up multiple rooms or groups and view key performance indicators for each space
- Intuitive graphical interface allows you to see room CFM, temperature, humidity, curtain status, number of livestock, static pressure, feed inventory, *and more*
- Manually override set climate with digital toggle switches
- Limit control access based on RFID tags or custom pins so you know exactly who is controlling your environment
- Integrated alarm system sends alert notifications to mobile devices and groups of people. Going on vacation? No problem – re-route alarm notifications to your next in charge



THE HEART OF YOUR FACILITY

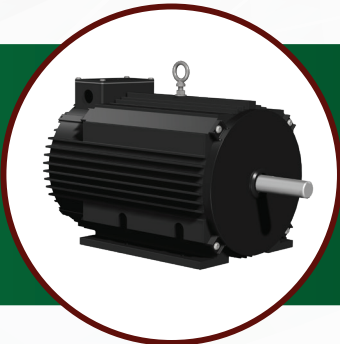
J&D Manufacturing continues to grow with new technology to make your life easier. With the Pulse, you can control your systems with the touch of a finger *remotely on your smartphone, tablet, or computer*. With the ability to monitor and manage your systems quickly and efficiently anytime or anywhere you have internet access, you can be confident you are creating and maintaining optimal conditions throughout your facility.

You don't have to physically be on-site to manage your environment.

We can even assist you from J&D with remote access!

EASILY MONITOR & CONTROL

- Entire Room Status
- Fan Groups
- Air Speed
- Room CFM
- Static Pressure
- Feed Inventory
- Feed/Head
- Animal Inventory
- Curtains and Other Inlets
- Foggers and Soakers
- Temperature
- Humidity
- Air Exchange Rate
- Heaters
- Water/Head



***The perfect control for
our JD-Drive Products!***

JD
Drive
JD-Drive Motor

Pulse



The Pulse Control is an electronic device used for environmental and building control in livestock applications. It allows the producer to maintain a specified target temperature by controlling the operation of ventilation and heating equipment.



Screen

- Easy to use with intuitive menu
- 15" touch screen

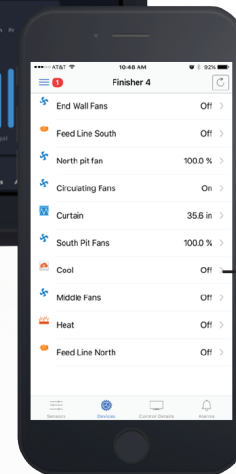
Quick Glance Status

- Side lights indicate how well things are running and urgency level



Remote Control

- Allows full management from any computer or tablet anywhere (requires internet connection)



System Alerts

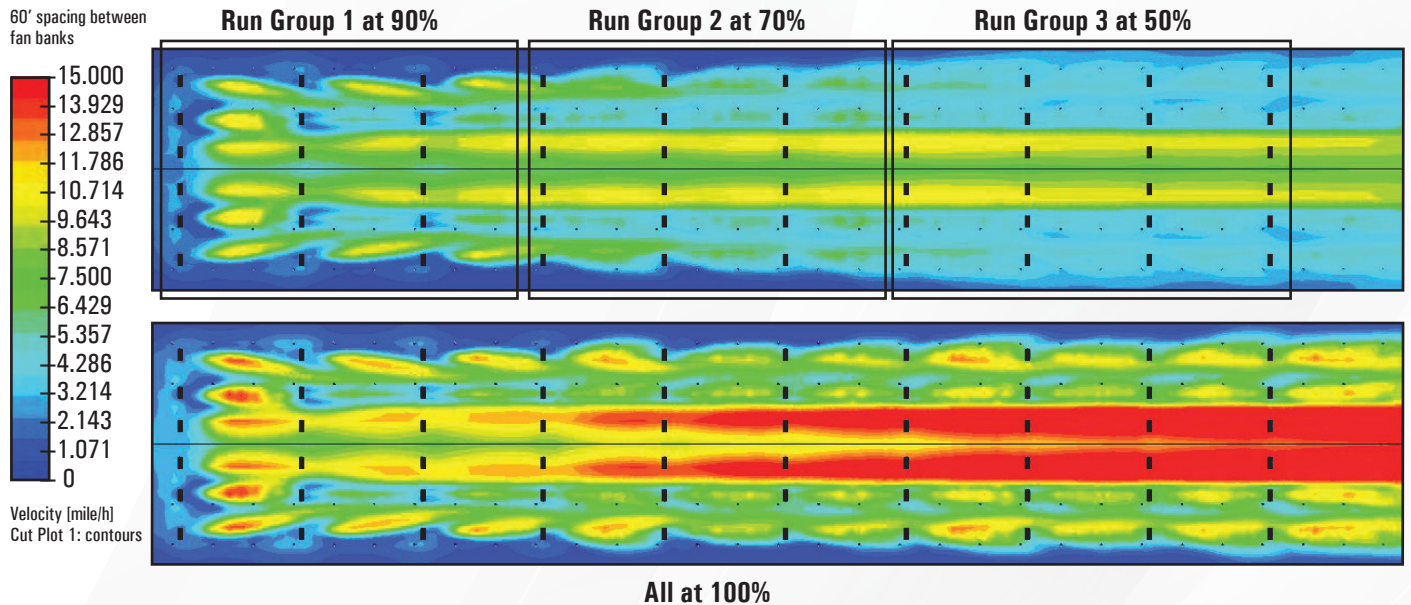
- App is available for smartphones to monitor alerts

Features

- Run up to *TWELVE* separate rooms from just *ONE* control
- Outstanding flexibility – 12 card slots come standard but get up to 36 slots by adding two expansion modules with 12 card slots each
- Integrated sensors detect when too much or too little power is used
- Intelligent Control so each module can continue to operate even if the main processor stops
- Livestock Tracker lets you maintain an accurate herd count without paper inventory cards
- View historical data to make repairs, refine settings, and SAVE \$
- Conforms to UL STDS 61010-1 and 61010-2-201
- Certified to CSA STD C22.2 No. 61010-1

Control your ventilation to maintain a more uniform air velocity while *maximizing efficiency.*

Group JD-Drive fans and run them at different speeds, all while maintaining precision velocity



Maintain a consistent MPH throughout the length of your facility while saving energy.



EFFICIENCY CONTROL

- Programmed so fans stay in 60-80% power to maximize energy efficiency
- Programmed to turn fans on in stages, which decreases the power load on-site when fans kick on

It's the best way to automate!

Card-Based Control Design

Modular cards ensure your system can be **UPGRADED – NOT OUTDATED** - as technology advances.

ROOM TO EXPAND

12 card slots come standard – but get up to 36 slots by adding two slave expansion boxes with 12 card slots each.

Run up to 12 separate rooms from just **ONE CONTROL**.

What's inside? It's up to you!

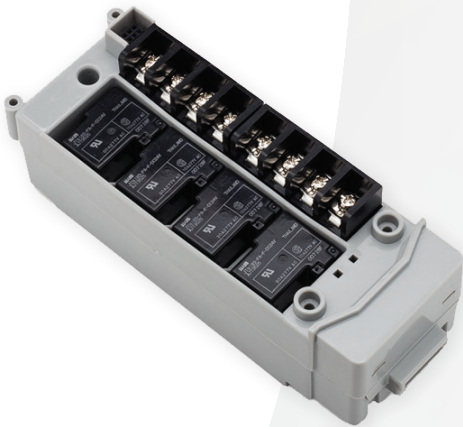


Custom configuration - each control is unique to each producer's facilities.

Don't buy more than what you need.

**It's custom -
without the cost!**

YOU choose what goes in your box!



4 Channel Relay

- Controls anything with an on/off signal - fans, misters, fog, lighting, inlets



2 Channel Curtain

- Operates 2 curtain or inlet devices with open/close



4 Channel 0-10V + Relays

- Controls 0-10V variable speed fans, lighting, VFDs

and more...

4 Channel Relay Backpack - Manual control option

8 Channel Signal Relay - Controls anything with an on/off signal - fans, misters, fog, lighting, inlets

2 Channel Curtain Relay - Operates 2 curtain or inlet devices with open and close direction for both devices

2 Channel Curtain Backpack - Manual control option

2 Channel 4-20mA + Relays - Controls 4-20mA and 0-10V variable speed fans, lighting, VFDs

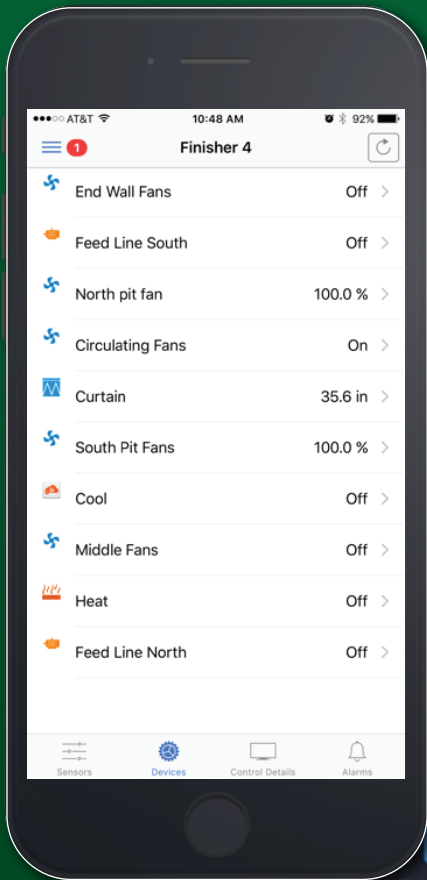
12 Channel Input - Universal input configured as temperature probe, static pressure, humidity, wind speed

4 Channel 0-10V + Amp Sensing - Controls 0-10V variable speed fans, lighting, VFDs

Variable Triac - Built-in amp sensing to control 24" fans or smaller, 1/10 hp, 1/3 hp, and 1/2 hp motors

Contact us today for a Pulse layout and schematics!

Pulse



**YOUR
VENTILATION
EXPERTS**

**J&D
Manufacturing**

J&D Manufacturing

6200 US-HWY 12, EAU CLAIRE, WISCONSIN 54701



Family Owned & Operated in Eau Claire, Wisconsin

1-800-998-2398 | www.jdmfg.com