

# Intuitive Pack Controller

## Intuitive Pack, Super Pack and Transcritical CO<sub>2</sub> Controllers

A flexible solution, designed to deliver stable, and responsive energy regulation. Intuitive Pack Controllers ensure that your pack systems always run as energy efficient as possible while managing the central pack systems that cool multiple refrigerated spaces.



### Intuitive Pack (PR0650 PACK)

#### Inputs & Outputs

8 Temperature Inputs  
12 Digital Inputs  
3 Analogue Inputs  
12 Fused Relay Outputs (fusing optional)  
2 Analogue Outputs

#### Operating Temperature

Without LCD Display: -40°C to 65°C (-40°F to 149°F)  
With Internal LCD Display or SRR fitted: -20°C to 65°C (-4°F to 149°F)

#### Expansion

Not Supported



### Intuitive Super Pack (PR0650 SUP)

#### Inputs & Outputs

8 Universal I/O  
8 Temperature Inputs  
12 Digital Inputs  
12 Fused Relay Outputs (fusing optional)

#### Operating Temperature

Without LCD Display: -40°C to 65°C (-40°F to 149°F)  
With Internal LCD Display or SRR fitted: -20°C to 65°C (-4°F to 149°F)

#### Expansion

Up to 10 expansion boards (IO Expansion, or Mini IO Expansion) can be added  
CAN bus (Bit rate 125kbits/s)



### Intuitive Transcritical CO<sub>2</sub> (PR0650 STCO2)

#### Inputs & Outputs

8 Universal I/O  
8 Temperature Inputs  
12 Digital Inputs  
12 Fused Relay Outputs (fusing optional)

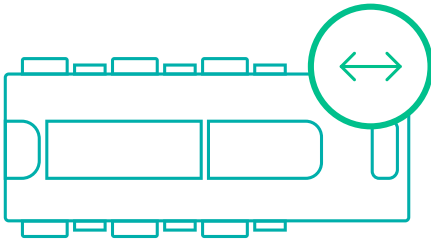
#### Operating Temperature

Without LCD Display: -40°C to 65°C (-40°F to 149°F)  
With Internal LCD Display or SRR fitted: -20°C to 65°C (-4°F to 149°F)

#### Expansion

Up to 10 expansion boards (IO Expansion, Mini IO Expansion or Stepper Expansion) can be added  
CAN bus (Bit rate 125kbits/s)

# Controller Features



## Clever Communications Included

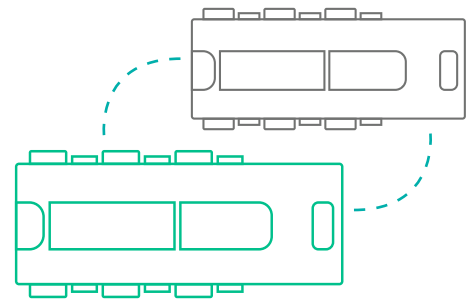
In addition to the device's inputs and outputs, Intuitive Super Pack and Transcritical CO<sub>2</sub> Controllers feature a mix of built-in communications such as IP (Internet Protocol), USB, and CAN bus for simple connectivity to your devices and peripherals.

Built-in communication ports can be used with a host of RDM expansion modules and upgrade products to get even more from your controller.

## Powerful Expansion Modules

Intuitive Super Pack & Transcritical CO<sub>2</sub> Controllers can be expanded with additional inputs and outputs as required by your project.

Intuitive Super Pack & Transcritical CO<sub>2</sub> Controllers can be expanded using IO Expansion and Mini IO Expansion.



## Multiple Display Options

Controllers are available with both on-device or remote display preferences for a better level of control during and after installation.

An optional built-in colour LCD display option allows for values, graphs, gauges and additional mimics to be displayed and navigated using the front buttons. Additional screens can also be added, using the Intuitive display block.

## An Industry Leading Warranty

The entire Intuitive Pack range comes with Resource Data Management's best in class five year warranty.

In addition, we offer free training programmes (tailored to your knowledge level and requirements) at our in-house training centre and free technical after-sales support to ensure that our products and solutions deliver the very best results for each individual customer.

