

ConservAIR®

Save Energy Affordable 3 Compressor Sequencer Lower Operating and Maintenance Costs



Here's How It Works

The SEQUENCE COMMAND Model SC-30 is the economical way to network up to 3 compressors into a common distribution system. The Model SC-30 directs the load cycle of the compressors in a controlled pre-selected sequence. The compressor part load performance capabilities are utilized in an optimum energy balance.

- Pre-programmed with 3 sequencing profiles to choose from
- Connects with any brand of compressor
- Precise master control of a compressed air network
- Aligns the applied horsepower with the real demand
- Automatically falls back to compressor manufacturer's safeties and alarms
- Ships already configured for remote monitoring and PC connectivity

Sequence Command Compressed Air Network Control

Special Functions

User may select the following sequence modes:

1. *FIFO Rotation*: Evenly distributes run time on a first-in, first-out schedule.
2. *Time Rotation*: Position in sequence rotates based upon a pre-set time schedule.
3. *Equal Hours Rotation*: Equalizes the run time of all compressors in the network in accordance with assigned priorities.

The Sequence Command avoids peak current spikes.

A time delay between compressor motors is set by the user to prevent simultaneous start-up. The SC 30 also detects if a compressor motor is running and automatically chooses an idle unloaded compressor before allowing another motor to start.

Compressor priorities are assigned to maintain the network base/trim function. The user decides the order of sequence and rotation by assigning a priority class number to each compressor. Base/trim and stand-by compressors are designated and sequenced accordingly.

The Sequence Command networks any brand of positive displacement compressors. Compressor interface packages are available to configure a network with any make, model, or type of compressor. Electro-mechanical controls are connected through an interface relay card. Microprocessor based electronic controls are connected through an RS 485 port communicating through an individual compressor control interface.

Standard Features

- Easy to read menus on front door panel
- Target pressure display set points
- Hinged key lockable door
- Alarms
- Compressor Status LEDs
- Sequence Command Status LEDs
- Continuous System Pressure Display
- Settings View Key

Specifications

Power:	115 or 230 VAC, 50 or 60 Hz.
Enclosure:	Industrial NEMA12/IP55 steel cabinet, Wall Mount
Display:	5 digit, 7 segment LED – back lit
Key Pad:	6-button tactile
Status LEDs:	8
Communications:	RS 485 Serial Port
Dimensions:	11 ¹³ / ₁₆ "H x 15 ³ / ₄ "W x 5 ⁷ / ₈ "D, Weight 25 lbs.
Pressure Sensor:	Analogue 4-20mA

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