

Single Input Receiver-Controller

Powers **RETROLINE**[®]
easily replaces:

- Barber-Coleman
- Johnson Controls
- Honeywell
- Robertshaw
- Seibe



195 Single Input Receiver-Controller.

Description

The 195 Single Input Receiver-Controller is a pneumatic controller which receives one pneumatic input, and produces a pneumatic output signal based on the net pneumatic input and the mechanical settings of the setpoint and percent proportional band. This controller can be easily changed from direct to reverse acting.

Powers Retroline Receiver-Controller (195-1000) includes decals and installation instructions to replace competitive models.

Features

- Rugged proven design
- Plug-in air connections for ease of installation, calibration, and service
- Internal restrictors for transmitter inputs
- Stick-on scales included for setpoint dial in standard transmitter ranges
- Large, easy-to-read scales on all adjustments
- Calibration card for converting transmitter range to 3 to 15 psi (21 to 103 kPa) signal
- Tamper-resistant cover

Options

- Retroline products for replacing competitive products

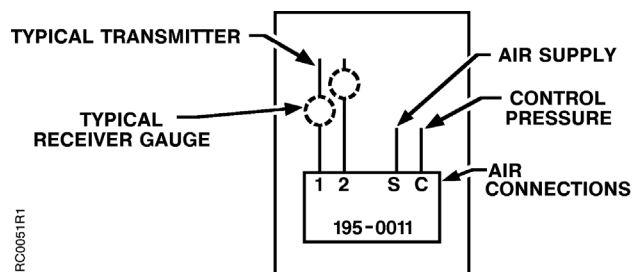
Applications

The 195 Single Input Receiver-Controller is a one-input, direct/reverse acting instrument used to control temperatures, humidity, and pressure of mechanical equipment in commercial and industrial facilities.

F-29

Pneumatics

Typical Connections



195 Specifications

Action
 Input #1 Direct
 Input #2 Reverse

Pneumatic Inputs 3 to 15 psi (21 to 103 kPa)

Control Output 0 psi (0 kPa) to supply pressure 22 psi (152 kPa)

Operating Ambient Temperature Range 40 to 120°F (4 to 49°C)

Supply Pressure
 Operating 22 psi (152 kPa)
 Maximum Safe 30 psi (207 kPa)

% Proportional Band Adjustment Range 2 to 20% for a 5 psi (34 kPa) control pressure change

Air Consumption 60 scim (17 ml/s),

Air Capacity 2 psi (14 kPa) Pressure Change at
 9 psi (62 kPa) control pressure
 Supply 640 scim (175 ml/s)
 Exhaust 590 scim (161 ml/s)

Mounting Surface

Air Connections
 Barb fittings for 1/4" (6 mm) OD polyethylene tubing. Two plug-in connectors are provided; one for the direct acting and the reverse acting transmitter inputs and one for supply and control lines. 1/8" NPT connection provided for control pressure gauge (gauge not included).

Case Material Lexan, 20% glass-filled

Dimensions 6.75" W x 5.69" H x 3.5" D
 (171 mm W x 144 mm H x 89 mm D)

Shipping Weight 3.1 lb. (1.4 kg)

195 Product Ordering

Description	Part No.
Single Input Receiver-Controller	195-0011

RETROLINE®

Manufacturer	Manufacturer Part No.	Part No. ¹
Barber-Coleman	RKS-1001	195-1000
Barber-Coleman	RKS-2001	195-1000
Barber-Coleman	RKS-5001	195-1000
Honeywell	RP908A	195-1000
Honeywell	RP920A	195-1000
Johnson Controls	T-5800-1	195-1000

Ordering Note

1. Includes **195-0011** plus decals to replace any competitive single input receiver-controller.

F-30

Pneumatics

Accessories & Service Kits

F-87