



GENERAL

The LP916A, B and C Remote Bulb Thermostats provide proportional control of induction units, fan coil units, and unit ventilators. Wide throttling range models are available for duct discharge control of heating and/or cooling coils and mixed air dampers.

FEATURES

- A proportional two-pipe controller with a liquid filled remote bulb thermal element.
- An integral mounting bracket.
- A high impact styrene cover and a zinc plated base with a black phenolic knob.
- Scaleplate available in several ranges.
- Protected barb connectors.
- External knob adjustment.
- A variety of mounting brackets available as accessories.
- A 36-inch (914 mm) capillary length.

DESCRIPTION

The LP916A, B, and C Remote Bulb Thermostats provide proportional control of duct discharge of heating and/or cooling coils and mixed air dampers.

SPECIFICATIONS

Models:

- LP916A: Direct acting.
- LP916B: Direct acting at 18 psi (125 kPa) supply pressure. Reverse acting at 9 psi (60 kPa) or 13 psi (90 kPa) supply pressure. A switchover mechanism changes from direct to reverse acting with a change in main line pressure (for automatic changeover systems).
- LP916C: Reverse acting.

Maximum Safe Air Pressure:

25 psi (175 kPa).

Maximum Safe Temperature:

Duct-mounted models, 190F (88C); all others, 135F (57C).

Dimensions:

5 x 2-3/4 x 3 inches deep

Mounting:

Integral Mounting Bracket Model: Typically mounted inside a unit end compartment. May also be duct mounted using mounting bracket AK3993.

Mounting Kit Model: May be mounted from the top directly or with mounting bracket assemblies 316016A, B, or C.

Air Connections:

Two 1/4 in. (6 mm) push-on barbs. A convenient plug-in branchline pressure gage port is provided on the front.

Fittings:

Integral Mounting Bracket Model: Hangers, mounting screws and tinnerman clips are included with the device.

Mounting Kit Model: Ordered separately.

Accessories:

For Integral Mounting Bracket Model: AK3993 Duct Mounting Bracket with sheet metal screws and foam gasket.

For Mounting Kit Model: Bag Assemblies 316016A and B with scale plate, mounting bracket, bulb hangers, and mounting screws. Bag Assembly 316016C with scale plate, knob and mounting screws.

Table 1. LP916 Specifications.

Model	Setpoint Range F (C)	Scale/Marks	Throttling Range F (C)	Restriction Size In.	Mounting Bracket	Bulb Size In. (mm)	Nominal MLP psi (kPa)
LP916A	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.007	Integral	1/2 x 5-7/8 (13 x 149)	18 (125)
	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.005	Not Included	3/8 x 9-5/8 (10 x 244)	18 (125)
	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.005	Integral	3/8 x 9-5/8 (10 x 244)	18 (125)
	40-80 (4-27)	40-50-60-70-80/2F	7 (3.5)	0.007	Integral	3/8 x 6-7/8 (10 x 175)	18 (125)
LP916B	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.007	Integral	1/2 x 5-7/8 (13 x 149)	13-18 (90-125)
	65-85 (18-29)	WARMER-COOLER/2F	*2 (1)	0.007	Integral	1/2 x 5-7/8 (13 x 149)	9-18 (60-125)
	65-85 (18-29)	None	3.5 (2)	0.005	Not Included	3/8 x 9-7/8 (10 x 251)	13-18 (90-125)
	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.005	Integral	3/8 x 9-7/8 (10 x 251)	13-18 (90-125)
	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.005	Integral	3/8 x 9-7/8 (10 x 251)	13-18 (90-125)
LP916C	60-80 (16-27)	60-80/1F	3.5 (2)	0.007	Integral	3/8 x 9-7/8 (10 x 251)	18 (125)
	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.007	Integral	1/2 x 5-7/8 (13 x 149)	18 (125)
	65-85 (18-29)	WARMER-COOLER/2F	3.5 (2)	0.005	Integral	3/8 x 9-7/8 (10 x 251)	18 (125)
	40-80 (4-27)	40-50-60-70-80/2F	7 (3.5)	0.007	Integral	3/8 x 6-7/8 (10 x 175)	18 (125)

*Throttling range for 3 to 9 psi (21 to 60 kPa) branchline pressure.

Honeywell

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