

1-phase condenser fan speed control

P266

Pressure actuated single phase digital controller

The P266 pressure actuated single phase digital controller is a cost-effective, weather-resistant, durable motor speed control. The P266 control is designed for approved single-phase, Permanent Split-Capacitor (PSC) motors commonly used in a wide variety of refrigeration and air conditioning condenser fan applications.

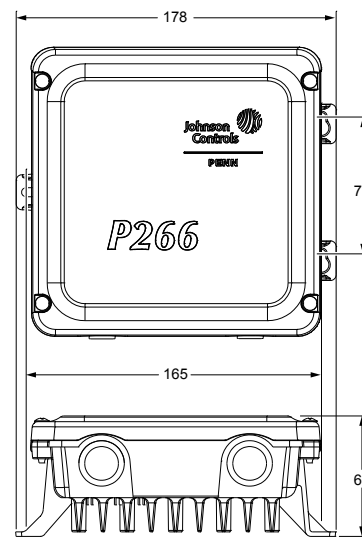
The P266 series controls are designed to replace the Johnson Controls® P66 series and P215 series fan speed controls, providing additional features and flexibility, greater energy efficiency, and longer motor life in a compact, rugged, weather-resistant package.

P266 models are available for 208 to 240 VAC and 440 to 575 VAC range applications. P266 controls have current ratings from 4 to 12 A depending on the voltage and model.

Some P266 models provide optional control of up to three auxiliary (fixed-speed) fans or fan stages. Also, some models provide two additional high-voltage triacs, which allow you to split the source power to the main and auxiliary windings, and connect a low-speed capacitor to increase efficiency at low speed operation.

Features

- ▶ Global design CE / UL / CSA / C-tick
- ▶ Microprocessor based
- ▶ Field programmable, digital setting
- ▶ One or two electronic pressure transducers (P266SNR)
- ▶ Pressure range 0 - 35 bar or 0 - 52 bar
- ▶ Patented design
- ▶ Output 8 or 12 Amp at 60 °C ambient temperature
- ▶ Robust aluminium IP54 enclosure with integral heatsink
- ▶ Multi triac control providing energy savings up to 25%
- ▶ Optional auxiliary (vernier) control
- ▶ Auto selection 50 / 60 Hz



Dimensions in mm

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Ordering information

Codes	Description	Transducer model included in kit	Voltage range (VAC)	Maximum output (Ampères)	High VAC triacs	Available auxiliary fan control circuits
P266EAA-1K *	P266 fan speed control with Internal transformer and one P266 pressure transducer and one 2 m cable	P266SNR-1C 0-35 bar (0-508 psi)	208 to 240	8	3	---
P266EAA-3K *		P266SNR-2C 0-52 bar (0-754 psi)				---
P266EBA-1K *		P266SNR-1C 0-35 bar (0-508 psi)				3
P266EBA-3K *		P266SNR-2C 0-52 bar (0-754 psi)				3
P266ECA-1K *		P266SNR-1C 0-35 bar (0-508 psi)				---
P266ECA-3K		P266SNR-2C 0-52 bar (0-754 psi)				---
P266EDA-1K *		P266SNR-1C 0-35 bar (0-508 psi)		1	3	
P266EDA-3K *		P266SNR-2C 0-52 bar (0-754 psi)		1	3	
P266EEA-1K *		P266SNR-1C 0-35 bar (0-508 psi)		12	---	
P266EFA-3K *		P266SNR-2C 0-52 bar (0-754 psi)			3	

Note

Factory default settings: Start Voltage is set to 40% of the supply line-voltage. End Voltage is set to 95% of the supply line-voltage. Start Pressure is set to 44% of the P266 transducer's total pressure range. End Pressure is set to 51% of the P266 transducer's total pressure range.

P266SNR electronic pressure transducers

Codes	Description
P266SNR-1C	Electronic pressure transducer: 0 to 35 bar total range with a 1/4 in. SAE female flare connection and a 2 meter cable.
P266SNR-2C	Electronic pressure transducer: 0 to 52 bar total range with a 1/4 in. SAE female flare connection and a 2 meter cable.
P266PRM-1K	P266 Utility Com. Tool Kit. Communication Software Package to program and monitor P266 Control parameters.