

## REFRIGERATION COMPONENTS

### Fan Speed Controllers

## 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.

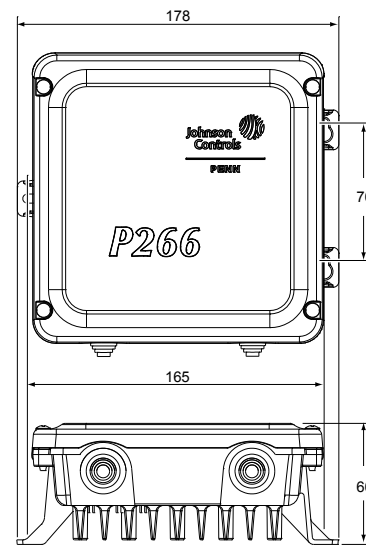
The P266 Series controls are designed to replace the Johnson Controls® P66 Series and P215 Series fan speed controls, providing additional features and flexibility, greater energy efficiency, and longer motor life in a compact, rugged, weather-resistant package.

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 Codes	Description	Transducer Model Included in Kit	Voltage Range (in VAC)	Maximum Output (Ampères)	High VAC Triacs	Available Auxiliary Fan Control Circuits
P266EAA-1K*	P266 Fan Speed Control with Internal Transformer and <b>one</b> 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)		1	---	
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)			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

Ordering 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.