



1-phase condenser fan speed control

P315PR

Direct-mount pressure actuated for EC motors

The direct mount pressure actuated condenser fan speed controllers are designed for speed variation of electronically commutated (EC) motors. Head pressure control of a refrigeration system, through speed variation of the fan on an air-cooled condenser, results in optimum performance throughout the year.

The controllers can be used in non-corrosive refrigerant systems.

A pressure actuated device provides the most direct and fastest response to pressure variations in the refrigerant system.

The controller varies the supply voltage to the motor from 5% to at least 95% over the proportional band.

Features

- ▶ Fan speed variation condenser pressure control
- ▶ Pressure input
- ▶ Direct mount option
- ▶ Setpoint screw location on top of device
- ▶ IP65 enclosure
- ▶ Compact design
- ▶ Attractive styling
- ▶ Quick connector plug included
- ▶ Suitable to control 1 or 3 phase EC motor



Dimensions in mm

Ordering information

Codes	Range (bar) *	Element style	Setting (bar)	Prop. band (bar)	Controller mode **	Minimum shipping quantity	Additional features
P315PR-9200C	8 to 25	47	16	4	N/A	1	---
P315PR-9200D						25	Bulk Pack
P315PR-9202C	22 to 42		26	5		1	---
P315PR-9203C	5 to 15		6	4		25	Bulk Pack
P315PR-9203D							

Note

* 1 bar = 100 kPa ≈ 14.5 psi

** Minimum speed.