

PENN COMMERCIAL REFRIGERATION

CONDENSER FAN SPEED CONTROLLERS

1-PHASE CONDENSER FAN SPEED CONTROL

P215PR

DIRECT-MOUNT SINGLE PHASE CONTROLLER

These direct mount pressure actuated condenser fan speed controllers are designed for speed variation of single-phase motors.

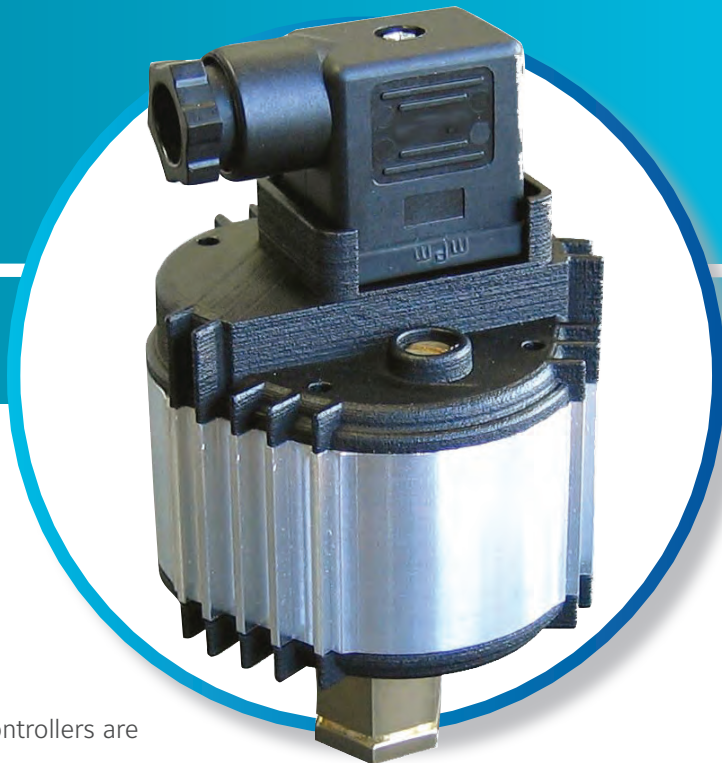
Head pressure control of a refrigeration system, through speed variation of the fan on an air-cooled condenser, results in optimum performance throughout the year.

A pressure actuated device, gives the most direct and fastest response to pressure variations in the refrigerant system. The controller varies the supply voltage to the motor from 30% to at least 95% over the proportional band using the phase cutting principle.

This provides speed variation of permanent split capacitor or shaded pole motors that do not draw more than 4 A (rms) full load current.

Cut-off models (fan stops at low pressure) as well as minimum speed models (fan keeps running at 30%) are available.

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



FEATURES

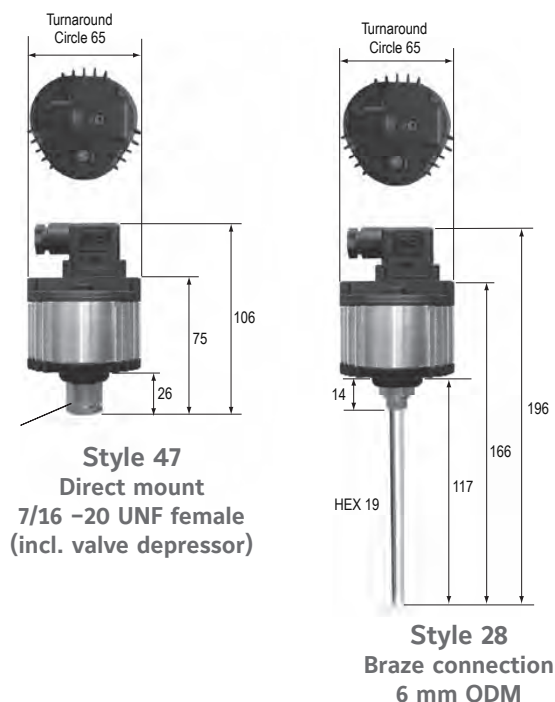
- Condenser pressure control by fan speed variation
- Pressure input
- Direct mount
- Setpoint screw on top
- Built-in suppression filter
- IP65
- Compact design
- Attractive styling
- Quick connector plug included
- CE
- Tested for safe operation with all A2L and A3 refrigerants

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DIMENSIONS (in mm)



ORDERING INFORMATION

CODES	RANGE (bar)	ELEMENT STYLE	SETPOINT (bar)	PROP. BAND (bar)	SUPPLY VOLTAGE 50/60 Hz	RATING	CONTROLLER MODE	EXTRA FEATURES
P215PR-9200	10 to 25	47	19	4.5	230 VAC	4 Amp	Cut-off	---
P215PR-9202	22 to 42		26	5.5				
P215PR-9203	5 to 15		9	2.5				
P215PR-9800	10 to 25	28	19	4.5				Bulk Pack
P215PR-9230		47		26				
P215PR-9232	22 to 42		19	4.5				

Note

For a 4 Amp rating and UL approval please contact your sales representative.