



PSC SERIES

FAN SPEED CONTROLLERS FOR SINGLE PHASE MOTORS

Standard Features:

***Utilizes Sensors On Condenser Coil And
Compressor Discharge to Modulate Fan Speed***

Fan Speed Modulation Between 10% And 98%

1 Controller For Multiple Fan Motors

***Ambient Operating Temperature Range
-20 C to 60 C***

Lowers Condenser Noise Levels

***Quick Response to Coil Pressure
Variations***

***Enhances the Efficiency of the
Compressor***

***Improves System
Performance And Reduces Power Consumption***



FAN SPEED CONTROLLER PSC SERIES

STANDARD SPECIFICATIONS

Model		PSC-09	PSC-20	PSC-30	PSC-40
Supply voltage	V	220~240			
Supply frequency - phase	Hz - Ph	50/60 - 1			
Maximum output voltage	V	≥98% of supply voltage			
Maximum current(at Maximum output voltage)	A	9	20	30	40
Motor numbers	pcs	1-up, subject to Maximum current			
Power factor (cos φ) motor		≥0.6			
Operation ambient temperature	°C	-20 to 60			
Operation / Storage ambient humidity		10 to 95% R.H			
Storage ambient Temp.	°C	-40 to 85			
Minimum speed under cooling mode		adjustable from 10% to 98% of supply voltage			
Motor speed in heating mode for Heat pump unit		from 10% to 98%			
Material of case/cover		ABS			
Shipping weight (individual pack)	g	200	320	320	320
Wiring connections		1mm ² to 2½mm ² subject to actual load			
Refrigerant type		R410A, R22, R407C, R404A			

09V.1.0

The performance specifications are nominal and conform to acceptable standards. For applications at conditions beyond these specifications, consult your supplier.



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