

# Speed Controllers

## Single Phase SP & SPTK (Electronic)



### Features & Benefits

- Single Phase, electronic, infinitely variable, stepless speed control with MIN/MAX preset facility
- Separate starter not required when used with HOT SPOT protected fan (SPTK only)
- Compact and easy to install
- Suitable for surface or flush mounting (SP5010 surface only)\*
- SP type include ON/OFF switch with neon indicator
- SPTK type include ON/OFF/RESET switch and indication light fan trip indicator and built in facility for manual reset
- Complies with required statutory regulations and carries CE mark

Unit	*Max Peak	Dimensions	Weight	
Stock Ref	Load Current	H x W x D (mm)	kg	Enclosure
SP5001	1.7 amps	86 x 86 x 71	0.33	IP40
SP5025	3.0 amps	147 x 86.5 x 62	0.5	IP40
SP5050	5.0 amps	147 x 86.5 x 62	0.6	IP40
SPTK5050	5.0 amps	147 x 86.5 x 62	0.8	IP40
SP5010	10.0 amps	185 x 172 x 135	2.0	IP54

\* Note:- The max peak load current is for surface mounting installation.

### Stock Ref

SP5001  
 SP5025  
 SP5050  
 SPTK5050  
 SP5010

## Single Phase SPM (Auto-Transformer)



### Features & Benefits

- Single Phase, 5 step auto-transformer speed controller
- Low motor noise - no magnetic hum
- ON/OFF Switch

Unit	Max Peak	Dimensions	Weight	Damper
Stock Ref	Load Current	H x W x D (mm)	kg	Enclosure Connection
SPM5020	2.0	230 x 168 x 118	2.2	IP54 Yes
SPM5035	3.5	230 x 168 x 118	4.6	IP54 Yes
SPM5060	6.0	230 x 166 x 118	5.0	IP50 Yes
SPM5075	7.5	284 x 240 x 132	6.2	IP54 Yes
SPM5090	9.0	316 x 270 x 168	10.5	IP54 No
SPM5140	14.0	316 x 270 x 168	16.5	IP54 No

### Stock Ref

SPM5020  
 SPM5035  
 SPM5060  
 SPM5075  
 SPM5090  
 SPM5140



### Single Phase RTRE (Enhanced Auto-Transformer)



### Three Phase RDTK (Auto - Transformer)



#### Features & Benefits

- Single Phase 5 step auto-transformer speed controller
- Separate starter not required when used with HOT SPOT protected fans
- Low motor noise - no magnetic hum
- Additional terminals to allow connection of remote switching device
- Allows operation via BMS interface
- Additional terminals to allow connection of remote anti-freezing thermostat

Unit	Max Peak Load Current	Dimensions H x W x D (mm)	Weight kg	IP	Damper Connection	VFC
RTRE20	2.0 amps	230 x 166 x 118	2.3	IP54	Yes	Yes
RTRE35	3.5 amps	230 x 166 x 118	3.6	IP54	Yes	Yes
RTRE60	6.0 amps	230 x 166 x 118	5.1	IP54	Yes	Yes
RTRE75	7.5 amps	284 x 240 x 132	6.1	IP54	Yes	Yes
RTRE90	9.0 amps	284 x 240 x 132	10.6	IP54	Yes	Yes

#### Stock Ref

RTRE20  
RTRE35  
RTRE60  
RTRE75  
RTRE90

#### Features & Benefits

- Three phase 5 step auto - transformer speed controller
- Separate starter not required when used with HOT SPOT protected fans
- Low motor noise - no magnetic hum
- Compact fire retardant surface mounting enclosure
- Additional terminals to allow connection of remote switching device
- Additional terminals to allow connection of remote anti-freezing thermostat

Unit	Max Peak Load Current	Dimensions H x W x D (mm)	Weight kg	Enclosure	Damper Connection
RDTK10	1.0 amps	284 x 240 x 132	4.7	IP54	Yes
RDTK20	2.0 amps	284 x 240 x 132	7.4	IP54	Yes
RDTK40	4.0 amps	316 x 270 x 168	12.9	IP21	No
RDTK70	7.0 amps	324 x 270 x 168	15.6	IP21	Yes
RD14	14.0 amps	295 x 400 x 170	30.0	IP21	No

#### Stock Ref

RDTK10  
RDTK20  
RDTK40  
RDTK70  
RD14