

PECO Commercial and Residential Controls Model Selection Guide



Model	Part No.	Application / Stages			System Control					Fan Control					Optional Inputs				Physical Characteristics				
		Gas / Oil / Electric -OR- Fans / Dampers / Valves	Fan Coil / PTAC	Heat Pump	System Selection	Programmable	Voltage	Auto Changeover	Humidity Sensing	No. Speeds	Continuous	Auto / Cycling	Staged	Voltage	Remote Sensing / Probe	Pipe Sensor	Occupancy Sensor	Set Back	Connections	Hardwired, Battery or Dual Power	Orientation	Digital Display	Back Lit
TA155-046	68604	✓	✓		CHO		24-277 VAC			3	✓	✓*		24-277 VAC	✓				WL	HW	H&V		
TA155-047	68605	✓	✓		CHO		24-277 VAC			3	✓	✓*		24-277 VAC	✓				T-BLK	HW	H&V		
TB155-004	65168	✓	✓		ON-OFF		24-277 VAC	✓		3	✓	✓*		24-277 VAC	✓				T-BLK	HW	H		
TB155-046	68606	✓	✓		ON-OFF		24-277 VAC	✓		3	✓	✓*		24-277 VAC	✓				WL	HW	H&V		
TB155-048	68608	✓	✓		ON-OFF		24-277 VAC	✓		3	✓	✓*		24-277 VAC	✓				T-BLK	HW	H&V		
TA158-100	68730	✓	✓		ACHO		24 VAC	✓		3	✓	✓*		24-277 VAC	✓	✓	✓		T-BLK	HW	H	✓	
TB158-100***	68731		✓		ACHO		24 VAC	✓		3	✓	✓*		24-277 VAC	✓	✓	✓		T-BLK	HW	H	✓	
TC158-100	68732	✓	✓		ACHO		24 VAC	✓		2	✓	✓		24 VAC	✓	✓	✓		T-BLK	HW	H	✓	
TH158-100	68733			✓	ACHO		24 VAC	✓		2	✓	✓		24 VAC	✓		✓		T-BLK	HW	H	✓	
TA167-006	68428	✓	✓		A (no switch)		24 VAC (in) 0-10 VDC (out)	✓		N/A					✓				T-BLK	HW	H&V		
TA167-007	68609	✓	✓		CHO		24 VAC (in) 0-10 VDC (out)			3	✓			24-277 VAC	✓				T-BLK	HW	V		
TA168-100	68734	✓	✓		ACHO		24 VAC**	✓		3	✓	✓*		24-277 VAC	✓	✓	✓		T-BLK	HW	H	✓	
TA170-001	68348		✓		ACHO		24-277 VAC	✓		3	✓	✓		24-277 VAC	✓	✓	✓	✓	WL	HW	H	✓	✓
TA170-003	68456	✓	✓		ACHO		24-277 VAC	✓		1	✓	✓		24-277 VAC	✓	✓	✓	✓	WL	HW	H	✓	✓
TA170-004	68472		✓		ACHO		24-277 VAC	✓		3	✓	✓		24-277 VAC	✓	✓	✓	✓	WL	HW	H	✓	✓
TB170-001	68457		✓		ACHO		24-277 VAC	✓		3	✓	✓	✓	24-277 VAC	✓	✓	✓	✓	WL	HW	H	✓	✓
TB170-002	68458		✓		ACHO		24-277 VAC	✓		2	✓	✓	✓	24-277 VAC	✓	✓	✓	✓	WL	HW	H	✓	✓
TC170-001	68717	✓	✓		up to 3H/2C		24 VAC	✓		1-2	✓	✓		24 VAC	✓		✓		WL	HW	H	✓	✓
TH170-001	68831			✓	up to 3H/2C		24 VAC	✓		1-2	✓	✓	✓	24 VAC	✓		✓		WL	HW	H	✓	✓
TH170-002	68832			✓	up to 3H/2C		24 VAC	✓	✓	1-2	✓	✓	✓	24 VAC	✓		✓		WL	HW	H	✓	✓
T50-001	68860	✓			H		24 VAC			N/A									T-BLK	HW	V	✓	✓
T51-001	68861	✓			1H/1C		24 VAC			1	✓	✓		24 VAC					T-BLK	HW	V	✓	✓
T52-001	68862	✓			1H/1C		24 VAC	✓		N/A									T-BLK	HW	V	✓	✓
T90-001	68863	✓		✓	1H/1C	5-1-1	24 VAC			1	✓	✓		24 VAC					T-BLK	DUAL	H	✓	✓
TH90-001	68864	✓		✓	3H/2C	7 Day	24 VAC			1	✓	✓		24 VAC					T-BLK	DUAL	H	✓	✓

*Relays required for cycling fan. **Voltage In: 24 VAC; Voltage Out: 0-10 VDC (x2), 24 VAC (x3). ***Controls On-OFF and three-wire floating valves.

PECO NEMA 4X Industrial Controls Model Selection Guide

Model	Part No.	Switch	Control Range	Differential	Sensing Bulb Material	Bulb / Capillary	Voltage Rating	Full-Load Amps (A)	Locked Rotor (A)	Non-Inductive / Resistive Amps	Pilot Duty	Agency Compliance
TH109-009	68427	DPDT	40-100° F	3	Stainless Steel	Coiled Bulb	120-277 VAC	16 / 13.2 / 12 / 10	80 / 66 / 60 / 50	25 / 25 / 25 / 22	125 VA	UL, CSA
TF115-001	68471	SPDT	40-110° F	3	Stainless Steel	Coiled Bulb	120-480 VAC	16 / 13.2 / 12 / 10	80 / 66 / 60 / 50	25 / 25 / 25 / 22 / 5	125 VA	UL, CSA
TRF115-005	68426	SPDT	0-120° F	3	Stainless Steel	60" Capillary	120-480 VAC	16 / 13.2 / 12 / 12	80 / 66 / 60 / 50	25 / 25 / 25 / 22 / 5	125 VA	UL, CSA

PECO Occupancy Sensors Model Selection Guide

Model	Part No.	Description
SA200-001	68374	Motion Slave Sensor for PECO T170 or Slave Sensor for SD200 Master Sensor. Ceiling mountable with a 360° Detection Pattern, 24VAC/DC.
SB200-001	68375	Motion Slave Sensor for PECO T170 thermostat or Slave for SD200 Master Sensor. Wall or ceiling mountable with Swivel Bracket (included) and 110° Detection Pattern, 24VAC/DC.
SD200-001	68376	Master Motion Detection Sensor for thermostats with only setback capability. Has high-low temp. limits to control room temp. during unoccupied periods. Wall mounted with 15m x 15m Detection Range, 24VAC/DC. Optional slave sensors for a 2nd room and door / window switch (not included) can be connected.
SD200-002	68377	Master Time Based Sensor for thermostats with setback capability. Has high-low temp. limits to control room temp. during unoccupied periods. Sensor starts a timer with each occupancy detection and sets back when selected timer expires. Wall Mounted with 15m x 15m Detection Range, 24VAC/DC. Optional slave sensors and door / window switch (not included) can be connected to disable the HVAC system if an occupant leaves a door / window open for five minutes.
SE200-001	68379	Door Switch for Occupancy System.
SE200-002	68380	Window Switch for Occupancy System.
SF200-001	68378	24 VDC Power Pack and Controller for automatic control of various applications.
SK200-001	68381	HEM System Kit that includes SD200-001 Motion Master Sensor, SE200-001 Door Switch, and SF200-001 Power Pack.
SK200-002	68382	HEM System Kit that includes SD200-002 Time-Based Master Sensor, and SF200-001 Power Pack.

PECO Accessories Selection Guide

Model	Part No.	Description
68671	68671	Remote Temperature Probe, 60" Probe / Pipe Sensor Assembly
65345	65345	Wall Plate, 4" x 4"
65324	65324	Horizontal Knob: Warmer-Cooler (available on T155 and T167 series only)
65504	65504	Horizontal Knob: °F (available on T155 and T167 series only)
67243	67243	Horizontal Knob: °C (available on T155 and T167 series only)