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Features/capabilities	Ventilation													Evaporative cooling		Lighting		
	Supra	PEC Plus	SEC-HD	PEC	TVS	AEC-2	FHC-1D	VTC-1D	NVC	SPC	SSC-1D	MTC-4C	MTC-3C	MSC-4	ECC-1	ECC-2	PLC-1	PLC-2
Total stages	16	8	5	5	3	3	2	1	1	1	1	1	1	1	6	2	4	2
Variable stages (see ratings)	4	2	2	2	2	1	1	1				1	1	1			2	1
Relays (see ratings)	12 ⁽⁵⁾	6 ⁽⁵⁾	3 ⁽⁶⁾	5	1 ⁽⁶⁾	2 ⁽⁶⁾	1 ⁽⁷⁾		2	2	1 ⁽⁶⁾				6	2	2	1
Slave unit capability ⁽²⁾	✓																✓	✓
Inlet actuator control	✓	✓		✓														
Curtain control	✓	✓							✓	✓								
Timed events	✓																	
Manual speed control														✓				
Temperature control	✓	✓ ⁽⁸⁾	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		
Four-zone temperature control	✓																	
Humidity control	✓ ⁽⁹⁾														(9/10)	✓ ⁽¹⁰⁾		
Static pressure control										✓								
De-icing startup	✓	✓	✓	✓	✓	✓	✓	✓										
Hysteresis	✓	✓ ⁽¹¹⁾	✓	✓	✓	✓	1°F	1°F			1°F	1°F	1°F					
Temperature alarms	✓	✓	✓	✓	✓	✓			✓									
Digital display	✓ ⁽¹²⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾	✓ ⁽¹³⁾				✓ ⁽¹²⁾	✓ ⁽¹²⁾	✓ ⁽¹²⁾	✓ ⁽¹²⁾
Off setback ⁽¹⁾	✓	✓	✓	✓	✓	✓	✓	✓				✓ ⁽¹⁴⁾						
Differential	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓ ⁽¹⁵⁾	✓ ⁽¹⁵⁾					
Outdoor temperature monitoring	✓ ⁽¹⁶⁾	✓ ⁽¹⁶⁾																
Water usage monitoring	✓																	
Programmable	✓	✓	✓	✓	✓	✓			✓	✓					✓	✓	✓	✓
Programmable growth curve	✓	✓																
Computer compatible	✓																	
Upgradeable firmware ⁽³⁾	✓	✓																
Transferable settings ⁽⁴⁾	✓	✓															✓	✓
Enclosure size	A	B	B	B	B	B	C	C	B	B	C	C	C	C	B	B	B	B

Ratings

Variable and relay stages are 10 FLA (full load amperes) unless noted below. For complete ratings, see www.phason.ca.

PEC relays are 4.4 FLA; variable stages are 7.5 FLA

TVS relays are 6 FLA; variable stages are 7.5 FLA

AEC-2 relays are 6 FLA; variable stages are 12.5 FLA

MTC-3C is also available as an 8.5 FLA model

MSC-4 is available in 12.5 FLA and 8.5 FLA models

Notes

- (1) Off setback is an adjustable range below the temperature set point at which the fan switches off.
- (2) Slave units allow you to expand the load-carrying capacity of the variable stages
- (3) Firmware can be upgraded using an "Updater cube".
- (4) Settings and configuration can be saved to and/or restored from a "Saver".
- (5) The relays can be configured as single-speed heating or cooling (with or without duty cycle), heater interlock, actuator open, actuator close, curtain open, or curtain close.
- (6) These relays can be configured as either heating or cooling.
- (7) Heater interlock is fixed 2°F below the temperature set point
- (8) Up to four probes can be averaged. Disconnected or damaged probes are ignored.
- (9) Optional humidity sensor required
- (10) High-humidity override
- (11) 0.5°F for off setback, otherwise fixed at 1°F
- (12) Multi-line backlit LCD display
- (13) Seven-segment LED display
- (14) Automatic shutoff below the set point is available by setting a jumper.
- (15) Fixed at 6°F and cannot be adjusted.
- (16) Additional temperature probe required—uses one of the four temperature inputs

Enclosure sizes (width x height x depth)

- A 11.85 x 11 x 4 inches / 30 x 28 x 9.75 centimetres
 B 9 x 7 x 3.75 inches / 23 x 18 x 9.5 centimetres
 C 4.75 x 6.25 x 3.75 inches / 12 x 15.6 x 9.5 centimetres