


# FEATURES

			PRODUCT MODEL				
			E6	E10	ECO-0	ECO-T	pMC
<b>MAIN FEATURES</b>							
Voltages available	IN	OUT					
	110VAC to 240VAC	24VDC	√	√	√	√	
	12 - 24VDC	12 - 24VDC	√	√	√	√	
	240VAC	240VAC	√	√	√	√	
	110VAC	110VAC	√	√	√	√	
240VAC	110VAC	Add Transformer 240/110					
<b>CONTROL INPUTS</b>							
Analog (4-20mA) or Digital (0 or 1)			1	4	4	4	4
Analog input triggering (on >ve or <ve slope)			√	√	√	√	√
Internal differential pressure sensor					√	√	√
Clean up / blow down input (continuing cleaning bags after fan has shut down)			√	√	√	√	√
<b>CONTROL OUTPUTS</b>							
Number of valve outputs on control board			6	10	10	10	10
Maximum number of valves using extension cards (10 outputs per card)			16	60	60	60	250
Relay outputs			1	4	4	4	4
Relay 1	System active		√	√	√	√	√
Relay 2	Alarm 1			√	√	√	√
Relay 3	Alarm 2			√	√	√	√
Relay 4	OC/SC-DP AI - Count			√	√	√	√
Ability to control pilot solenoid, diaphragm or damper isolation valves			√	√	√	√	√
<b>MONITORING INPUTS &amp; OUTPUTS</b>							
Wireless control & monitoring							optional
Remote control & monitoring							√
Remote download of logged data							√
Modbus RTU			√	√	√	√	√
Modbus TCP-IP							√
<b>ALERTS</b>							
Fault detection - Broken bag detection with row identification (requires dust probe)			√	√	√	√	√
Fault detection - Electrical solenoid valve (open or short circuit)			√	√	√	√	√
Fault detection - Mechanical diaphragm valve (requires header tank pressure sensor)				√	√	√	√
Fault detection - High hopper level (requires level probe sensor)				√	√	√	√
Fault detection - High temperature (requires temperature sensor)							
Maintenance required - number of hours or number of pulses exceeded			√	√	√	√	√
Real time clock & battery backup							√
<b>ON DEMAND CLEANING SETTINGS</b>							
Tube cleaner						√	√
Delta-P levels & alarm (Low - High - Fast)					√	√	√
Different pressure units (mm H2O - Kpa - in H2O)					√	√	√
Modes (Auto or Manual)					√	√	√
<b>PULSING SETTINGS</b>							
Sequential pulsing (ie pulse row 1, 2, 3, 4 etc)			√	√	√	√	√
Arbitrary (pulse any user defined combination ie 4, 9, 1, 3 etc)				√	√	√	√
Parallel pulsing (pulsing different rows together)				√	√	√	√
Maintenance mode (pulse a single valve when depressing button)			√	√	√	√	√
Blow down auto cycle (1-10 hrs) (continuing cleaning bags after fan has shut down)					√	√	√
Count down for next pulse			√	√	√	√	√
ON Time (ms)			√	√	√	√	√
OFF Time 1 (s)			√	√	√	√	√
OFF Time 2 (s)					√	√	√
Adjustable current levels for open & short circuit			√	√	√	√	√
<b>DISPLAY</b>							
Alpha numeric display			√	√	√	√	√
Backlight (auto or permanent)			√	√	√	√	√
Settings viewing menu			√	√	√	√	√
Settings changes with CODE pass			√	√	√	√	√
Auto cycle elapsed hrs					√	√	√
Matrix - multi row for DUST leak			√	√	√	√	√

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