

FEATURES



PRODUCT MODEL

MAIN FEATURES

MAIN FEATURES	IN	OUT	D6	E6	E10	ECO-0	ECO-T	pMC
			Voltages available	110VAC to 240VAC	24VDC	√	√	√
	12 - 24VDC	12 - 24VDC	√	√	√	√	√	√
	240VAC	240VAC	√	√	√	√	√	√
	110VAC	110VAC	√	√	√	√	√	√
	240VAC	110VAC		Add Transformer 240/110				

CONTROL INPUTS

Digital (0 or 1)	1	1	2	4	4	8
Analog (4-20mA)						
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)		√	√	√	√	√

CONTROL OUTPUTS

Number of valve outputs on control board	6	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	√	√	√	√	√	√

MONITORING INPUTS & OUTPUTS

Wireless control & monitoring						optional
Remote control & monitoring						√
SD card data logging						√
Remote download of logged data						√
Modbus RTU		√	√	√	√	√
Modbus TCP-IP						√

ALERTS

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		√	√	√	√	√
Email alerts						√
Filter state tracking in real time						√
Real time clock & battery backup						√

ON DEMAND CLEANING SETTINGS

Tube cleaner					√	√
Delta-P levels & alarm (Low - High - Fast)				√	√	√
Different pressure units (mm H2O - Kpa - in H2O)				√	√	√
Modes (Auto or Manual)				√	√	√

PULSING SETTINGS

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	√	√	√	√	√	√

FEATURES

ON Time (ms)	√	√	√	√	√	√
OFF Time 1 (s)	√	√	√	√	√	√
OFF Time 2 (s)				√	√	√
DISPLAY						
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			√	√	√	√