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ATAC Solutions Ltd is a leading environmental engineering company based in Maidstone, United Kingdom.

ATAC Solutions is known for its state-of-the-art liquid collection fleet and its expertise in providing bespoke turnkey wastewater process solutions.

With a focus on sustainability and accreditation in ISO 9001 & ISO 14001, the company serves domestic and industrial clients across the South-East and London.

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Axiom Water companies

SECOH Linear Diaphragm Air Blower - Trouble Shooting Guide

Problem	Cause	Action
Blower Does Not Start	Power supply fault	Check correct power supply
	Power plug is disconnected	Plug-in and check if power is available
	Damaged power cord	Check for electrical continuity
	Auto-stopper(s) activation	Re-set Auto-Stopper(s)
	Off-set magnet	Re-set magnet to central position
Blower Running Excessively Hot / Intermittent Operation	Overheating / Thermal trip activation	Check for sufficient ventilation in blower kiosk
	Air pipe / diffuser blocked	Unblock air pipe / diffuser
	Air filter element(s) clogged	Clean / replace air filter element(s)
	Over-pressurisation	Check operating back-pressure to ensure blower is working at correct optimum pressure rating
	Closed valves	
	Undersize air feed pipe diameter	Replace air feed pipe with correct diameter
Off-set magnet	Re-set magnet to central position	
Auto-Stopper(s) Activation / Service Light Illumination	Ruptured diaphragm(s)	Replace diaphragm(s) and re-set Auto-Stoppers
	Ingress of foul air / Biomass from the treatment plant bio-zone	Replace Auto-Stopper(s) Seal air pipe running into kiosk to ensure blower can only draw-in a clean source of ambient air Consider re-locating blower
	Unstable power supply (Spike in power delivery)	Re-set Auto-Stopper(s)
Sticky Residue on air filter element(s)	Ingress of foul air / Biomass from the treatment plant bio-zone	Replace filter element(s) Seal air pipe running into kiosk to ensure blower can only draw-in a clean source of ambient air Consider re-locating blower
Blower Internally Contaminated with Brown Dust	Off-set magnet rubbing against motor coil	Replace / re-set magnet to central position
	Over-pressurisation	Check operating back-pressure to ensure blower is working at correct optimum pressure rating
Diaphragm failure	Diaphragm material fatigue	Install new diaphragms / service kit(s)
	Over-pressurisation	Check operating back-pressure to ensure blower is working at correct optimum pressure rating
	In-correct magnet alignment	Re-set magnet to central position
Excessive Noise	Damaged valves or diaphragm(s)	Install new diaphragms / service kit(s)
	L-Tube clip making contact on casing	Re-position clip away from casing
	Blower casing reverberating off kiosk	Re-position blower in kiosk
	Air leaks	Check all pipe work connections
	Off-set magnet	Re-set magnet to central position