

MACHINE TROUBLESHOOTING

Problem	Cause	Remedy
Trailing water – poor or no water pickup	Worn squeegee blades	Rotate or replace squeegee blades
	Squeegee out of adjustment	Adjust squeegee
	Vacuum hose clogged	Flush vacuum hose
	Vacuum fan inlet filter dirty	Clean inlet filter
	Debris caught on squeegee	Remove debris from squeegee
	Vacuum hose to squeegee or recovery tank disconnected or damaged	Reconnect or replace vacuum hose
	Tank cover not completely closed	Check for obstructions
	Torn seals on recovery tank	Replace seals
Vacuum fan will not turn on	Recovery tank full	Drain recovery tank
	Foam filling recovery tank	Empty recovery tank
		Use less or change detergent
		Use a defoamer
Little or no solution flow to the floor	Solution tank empty	Fill solution tank
	Solution flow turned off	Turn solution flow on
	Solution supply lines plugged	Flush solution supply lines
	Solution solenoid clogged or stuck	Clean or replace
Poor scrubbing performance	Debris caught on scrub brushes	Remove debris from brushes
	Improper detergent or brush used	Contact TENNANT representative for recommendations
	Worn scrub brush(es)	Replace scrub brush(es)
	Excessive brush pressure	Reduce scrub brush down pressure
	Uneven brush pressure	Level scrub head
	Broken brush drive belts on cylindrical scrub head	Replace belts
	Low battery charge	Charge batteries until the charger automatically turns off
Poor sweeping performance (Machines equipped with Pre-Sweep option only)	Brush bristles worn	Replace brush
	Debris caught in brush drive mechanism	Remove debris from the drive mechanism.
	Hopper full	Empty hopper
	Vacuum debris bag full	Replace vacuum debris bag
	Recirculation skirt damaged	Replace recirculation skirt
	Wrong sweeping brush	Contact TENNANT representative for recommendations
	Main brush drive failure	Contact TENNANT service personnel

OPERATION

Problem	Cause	Remedy
ES System does not operate	<i>ES button</i> is turned off	Turn on <i>ES button</i>
	ES sensor in tank dirty not in correct position	Clean / reposition sensor
	Clogged ES pump filter	Clean ES filter
	Water level in recovery tank too low	Fill recovery tank about half full
	Water level in solution tank too low	Fill solution tank
FaST System does not operate	FaST button is turned off	Turn on the FaST button
	FaST circuit breaker tripped	Determine cause and reset the 15A circuit breaker button
	Clogged FaST PAK supply hose and/or connector	Soak connector and hose in warm water and clean
	FaST PAK carton is empty or not connected	Replace FaST PAK carton and/or connect supply hose
	FaST system is not primed	To prime, operate the FaST solution system for 5 to 10 minutes
	Clogged flow control orifice/screen	Remove and clean orifice/screen
	Faulty pump	Contact Tennant representative
	Clogged filter screen	Drain solution tank and clean filter screen
	Faulty detergent timer module	Contact Tennant representative
ec-H2O Model: Warning and fault indicator light blinking red	Mineral deposit build-up in module	Flush module (See <i>ec-H2O</i> MODULE FLUSH PROCEDURE)
ec-H2O Model: Warning and fault indicator light solid red	Clogged module	Contact Service Center
	Defective solution pump	Replace solution pump