## MACHINE TROUBLESHOOTING

| Problem | Cause | Remedy |
|---------|-------|--------|
| Trailing water–poor or no water pickup | Scrub vacuum fan turned off | Turn on vacuum fan |
| | Worn squeegee blades | Rotate or replace squeegee blades |
| | Squeegee out of adjustment | Adjust squeegee |
| | No detergent in solution tank causing squeegee to chatter | Add detergent to solution tank |
| | Vacuum hose clogged | Flush vacuum hoses |
| | Vacuum screen dirty | Clean vacuum screen |
| | Recovery tank cover seals worn | Replace seals |
| | Debris caught in squeegee | Remove debris |
| | Vacuum hose to squeegee or recovery tank disconnected or damaged | Reconnect or replace vacuum hose |
| | Recovery tank cover not completely closed | Check for obstructions and make sure cover is closed properly |
| Scrub vacuum fan will not turn on | Vacuum fan / squeegee button turned off | Turn on Vacuum fan / squeegee button |
| | Recovery tank full | Drain recovery tank |
| | Foam filling recovery tank | Empty recovery tank |
| | | Use less detergent/or use defoamer |
| | Recovery tank sensor dirty or stuck | Clean or replace sensor |
| Little or no solution flow to the floor (Conventional Scrubbing Mode) | Solution tank empty | Fill solution tank |
| | Solution flow turned off | Turn on solution flow |
| | Solution supply lines plugged | Flush solution supply lines |
| Poor scrubbing performance | *1–STEP Scrub button* not on | Turn on *1–STEP Scrub button* |
| | Improper detergent or brushes | Call Tennant service representative |
| | Solution tank empty | Fill solution tank |
| | Debris caught on main brushes | Remove debris |
| | Worn main brushes | Replace brushes |
| | Brush pressure set too light | Increase brush pressure |

| Problem | Cause | Remedy |
|---------|-------|--------|
| FaST System does not operate | FaST button is turned off | Turn on the FaST 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 a few minutes |
| | Clogged filter screen | Drain solution tank, remove and clean filter screen |
| | Blown fuse | Call Tennant service representative |
| | Faulty solution pump | Call Tennant service representative |
| ES System does not operate | *ES button* is turned off | Turn on *ES button* |
| | ES sensor in tank dirty | Clean 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 |
| *ec−H2O* **Model:** *ec−H2O* system indicator light blinks red and the alarm sounds | Mineral deposit build−up in module | Flush module (See *ec−H2O* MODULE FLUSH PROCEDURE), if indicator light starts flashing within 1−10 seconds, repeat flush procedure. If indicator light starts flashing after a minute of scrubbing, the water may have low conductivity. |
| | Low water conductivity | Add 8ml of salt to every 40 L of water. |
| *ec−H2O* **Model:** *ec−H2O* system indicator light solid red | Defective module | Contact Service Center |
| *ec−H2O* **Model:** *ec−H2O* system indicator light does not turn on | Defective light or module | Contact Service Center |
| *ec−H2O* **Model:** No water flow | Clogged module | Contact Service Center |
| | Defective solution pump | Replace solution pump |
| | Clogged filter screen | Clean filter screen |