

StingRay Customer Care Plus - Prestart-up Check Sheet

Upon completion of your New StingRay Washer installation as outlined in Chapter 2 of the StingRay Manual and Services By Others (S.B.O.) please return this check sheet to StingRay Tech Services for scheduling of the Start-up and Training.

Model No. _____ Serial No. _____
 Customer _____ Contact _____
 Phone _____ E-mail _____

Please indicate by checking the following documents have been reviewed and followed during installation:



- StingRay Manual – Chapter 2 Installation
- Service by Others (S.B.O.)
- StingRay Electrical Schematic and Layout

Preliminary (Visual) Inspection:

Inspected Parts Washer for shipping damage. Yes ____ No ____

Note damages if any: _____

Physical Installation: (Layout & Chapter 2 pages 2-11 through 2-13)

Is machine leveled so that washer door stays stationary at 45° open? Yes ____ No ____

Is machine base frame shimmed and anchored to floor? Yes ____ No ____

Is door frame shimmed to support the load capacity? Yes ____ No ____

Water Makeup: (Please do not fill with water) (SBO & Chapter 2 pages 2-21 through 2-22)

Is the minimum 1/2" diameter water line installed per STINGRAY Manual & S.B.O.? Yes ____ No ____

Is water pressure available at the machine? Yes ____ No ____

Record water pressure: _____ psi _____ bar

Incoming Water Quality: _____ Hardness ppm _____ pH

Services and Connections Electrical: (SBO, Electrical Schematic & Chapter 2 pages 2-24 through 2-26)

Is the machine grounded and wired for the correct voltage & amperage per STINGRAY Manual & S.B.O.? Yes ____ No ____

Is all incoming wiring sealed in conduit to prevent moisture/dust inside the electrical panel? Yes ____ No ____

Is electrical power available and ready to be turned on? Yes ____ No ____

Chemical: (Please do not fill with water) (SBO & Chapter 2 pages 2-56 through 2-58)

Chemical Brand/Name _____

(If not a Power Kleen product, provide a copy of the chemicals SDS and specification sheet with this check sheet)

Is an adequate quantity of wash chemical available for startup? Yes ____ No ____

Is de-foamer available for wash chemical? Yes ____ No ____

Is there a method available for measure & monitoring the chemicals (titration / refractometer)? Yes ____ No ____

Steam Exhaust: (SBO, Electrical Schematic & Chapter 2 pages 2-27 through 2-36)

Is the steam exhaust piping & motor installed per STINGRAY Manual & S.B.O.? Yes ____ No ____



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Is the pipe material a minimum of Schedule 40 or 80 PVC (10 bar or 16 bar, 9.6 mm wall) designed for temperatures above 150°F?
Yes ____ No ____

Is piping glued and sealed so that it doesn't leak water or steam (recommend silicon cement)? Yes ____ No ____

Is the exhaust discharge above the roof line? Yes ____ No ____

Is there a rain cap installed? Yes ____ No ____

Is the ASE blower motor wired per page 2-34 STINGRAY Manual? Yes ____ No ____

Compressed air supply if required on washer: (SBO & Chapter 2 pages 2-22 through 2-23)

Is the air line supplied per STINGRAY Manual & S.B.O.? Yes ____ No ____

Is air pressure available? Yes ____ No ____ Record compressed air pressure: _____ psi _____ bar

Gas supply Line: (If applicable) (Chapter 2 pages 2-15 through 2-23)

Is the burner installed per STINGRAY Manual & S.B.O.? Yes ____ No ____

Is the gas line sized correctly to supply the burner's BTUs? Yes ____ No ____ BTUs Per Hour _____

Please provide the incoming gas measurement _____ WCI / PSI / bar (Please circle appropriate measurement)

Gas flue pipe: (If applicable) (Chapter 2 pages 2-49 through 2-53)

Is the flue pipe installed per STINGRAY Manual & S.B.O.? Yes ____ No ____

Flue pipe should be minimum of 2" ID larger than the washer stud. Diameter of the flue pipe? _____ in/mm

Is the flue pipe material able to handle up to 1000 degrees F? Yes ____ No ____

Gas Burner Set-up and Approval: (If applicable) Customer must schedule a Local Boiler Technician or Gas Burner Technician to be onsite on the first day of the start-up or as instructed by StingRay Tech Services. The Technician is essential for fuel/air adjustments & fuel gas readings of the burner and will cause a delay in completion of the startup & training if not available. The technician is required to be equipped with a calibrated flue gas analyzer and minimum of one manometer to measure gas pressures. The boiler/burner technician is necessary to certify the burner is operating within specification and to local combustion codes.

Required Equipment: (1) Water Manometer (No Digital) Flue Analyzer Last Calibration Date _____

Gas Burner Technician Name _____ **Phone #** _____

Training Program:

Number Washer Operators: _____ Number Maintenance Personnel: _____

Required:

- Training Room
- Internet Connection
- DVD Player and Monitor
- Interpreter (International Only)
- Test / Sample Parts Available for Cleaning



Upon verification of all the items on this check list have been completed please sign below :

Authorized Signature _____

Printed Name _____

Title _____

Date _____

Thank you for taking time to complete the prestart-up check sheet. Please note failing to complete any of the steps in the StingRay Manual or S.B.O. may delay our Field Service Technician causing additional charges. Your start-up and training will be scheduled within two weeks (domestic) upon receipt. Please fax / e-mail this completed check sheet to 314-567-6318 or lahey@stingwash.com



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