# HYDRIM<sup>®</sup>C51w

# Service Manual





A HIGHER STANDARD

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### 1.1 Overview

This guide provides instructions for the servicing and repair of the Hydrim<sup>®</sup> C51w Instrument Washer. Every attempt has been made to provide accurate, detailed instructions.

All servicing of the Hydrim C51w should be done by certified personnel only. All local, provincial, state and national regulations regarding the servicing of the class of device and safety requirements must be observed.

Do not permit any person other than certified personnel to supply parts for, service, or maintain a Hydrim C51w. SciCan shall not be liable for incidental, special or consequential damages caused by any maintenance or services performed on the Hydrim C51w by a third party, including lost profits, any commercial loss, economic loss, or loss arising from personal injury.

The Hydrim C51w Instrument Washer should only be installed and serviced by a qualified contractor as it is an Installation Category 2 device. The contractor should be experienced in installing equipment that requires electrical hook-up as well as plumbing.

	P1 – Rinse & Hold*	P2 – Wash	P3 – Heavy Duty Wash
Description	Use to keep instruments moist when not being washed for 1 hour.	Use for moderately soiled loose instruments.	Use for heavily soiled instruments and cassettes.
Cold Prewash	<45°C/113°F	<45°C/113°F	<45°C/113°F
Wash	N/A	50°C / 122°F 5 minutes	50°C / 122°F 9 minutes
Rinse	60°C/140°F	60°C/140°F	60°C/140°F
Dry	N/A	1-15 min.	1-15 min.
Total Time** without drying	8 minutes	19 minutes	23 minutes
Water Consumption	6L / 1.5 gal.	14L/3.7 gal.	14L/3.7 gal.

### Hydrim C51 w Cycle Description Chart

\* This cycle is not a wash cycle and is not suitable for processing instruments prior to reuse. Always run a wash cycle following the rinse and hold cycle.

### **1.2 Specifications**

- Height:	475 mm / 18.75"	
Width:	600 mm / 23.75"	
Depth:	460 mm / 18.25"	
Depth with door open:	780 mm / 30.7"	
Weight:	35 kg / 75lbs	
Running Noise:	60 dB(A)	
Hot water connection:	50-70°C/122-158°F	
Water softener:	0.5 kg / 1.1lbs. salt capacity	
Filling system:	3.5 L safety maximum / 120 U.S FI. Oz	
Dryer Heater	1kW	
Wash temperature:	50°C/122°F +/-5°C/9° F	
Electrical Rating:	208 - 240V 60 Hz 10 A	
Equipment pollution degree:	Pollution Degree 2	
Equipment		
Installation Category:	Installation Category II	
Maximum relative humidity:	80% for temperatures up to 31°C / 88°F	
	50% for temperatures up to 40°C / 104°F	
Operating temperature range:	- 5°C to 40°C / 23-104°F	
Maximum altitude:	2000 m / 6561.7'	
Mains supply:	+ / - 10% of nominal	

\* If hot water temperature is less than 50°C / 122°F, and if the power line is 240V, allow 30 minutes between cycles.



### 1.3 Safety Information

### Safe operation

The following apply to both operators and service technicians:



• Exercise caution and seek assistance when lifting or carrying the unit.

- Cleaning solutions may irritate. Avoid contact with eyes and mouth.
- Never lean on the open door. The unit may tip forward causing injury.
- Always turn the unit **OFF** before adding softener salt or solutions. Before performing routine maintenance or servicing the unit, turn the unit **OFF** and unplug the power cord from the power source.
- The operator should never remove the cover of the unit or insert objects through holes or openings in the cabinetry. Doing so may damage the unit and/or pose a hazard to the operator.
- If the unit is used in a manner other than that specified, the protection provided by the equipment may be impaired.

### Safe servicing



- The Hydrim C51w Instrument Washer should only be installed and serviced by a qualified contractor as it is an Installation Category 2 device. SciCan shall not be liable for incidental, special or consequential damages caused by any maintenance or services performed on the Hydrim C51w by a third party or for the use of equipment or parts manufactured by a third party, including lost profits, any commercial loss, economic loss, or loss arising from personal injury.
- All local, regional, state, and national regulations regarding the servicing of this class of device and safety requirements must be observed.

### When the cover is removed:



- Hazardous voltages are accessible. Disconnect the power cord before removing the cover.
- Sharp metal edges are exposed. Be careful, and wear long sleeves and gloves.

Power main

• A dielectric strength test (hi-pot) must be performed on the unit if parts associated with the power main are serviced or replaced.

#### Ground

• A protective bonding impedance test (ground continuity) must be performed on the unit if components of the protective earthing system are changed or if connections are broken and remade.

### Reporting

• It is vital for SciCan to learn of any problem in the field. This information will help SciCan solve the problem quickly and improve product reliability in new units.

### **Biological waste**

• Waste water in the unit may contain biological contaminants; use a mechanical means to siphon the contents. Wear disposable rubber gloves. Dispose of absorbent material according to biological waste disposal regulations.

### 1.4 Tools & Hardware

DESCRIPTION	DESCRIPTION	DESCRIPTION
<ol> <li>Nose pliers</li> <li>Screwdriver PH1</li> <li>Screwdriver PH2</li> <li>Screwdriver Slot</li> <li>T20 Torxdriver</li> <li>Dental Wedge</li> <li>Wire stripper</li> </ol>	8. Wire cutter 9. Small screwdriver 10. Nut driver <sup>1</sup> /4" 11. Nut driver 5.5 mm 12. Nut driver 7 mm 13. Nut driver 8 mm 14. Nut driver 13 mm	15. Wrench <sup>7</sup> / <sub>16</sub> " 16. Wrench <sup>1</sup> / <sub>4</sub> " 17. <sup>11</sup> / <sub>16</sub> " socket 18. Allen key 2.5 mm 19. Mallet 20. Tension Gun

The unit contains the following types of hardware:

- Phillips pan head self-tapping metal screws
- Phillips flat head stainless steel machine screws
- Torx pan head machine screws
- Torx pan head plastite screws

### 1.5 Shipping Instructions

The unit should be serviced on site. If it is necessary to send the unit back to the dealer, follow these instructions. Before shipping the unit, run the drain pump to remove most of the water from the system. If there is standing water in the chamber, siphon or ladle as much water as possible and use an absorbent cloth to remove the rest.

Disconnect and remove the cleaning solution container and then drain the dosing reservoir. Completely screw in the levelling legs. Specify upright, heated, and insured shipping.

### 2.1 Pre-Installation

The machine must be installed and levelled correctly for the unit to function as described. All electrical work must be carried out by a qualified electrician and in compliance with all local and national electrical codes.

North American Voltage/Frequency:	208 - 240V / 60Hz
International Voltage/Frequency:	220 - 240V / 50Hz
Rated load:	2 kW
Circuit breaker:	10 A per phase

The electrical outlet should not be located directly behind the unit. The outlet needs to be accessible after the unit is installed. The power cord must be routed away from the back panel and hot water inlet hose.

This appliance must be correctly grounded! The manufacturer cannot be held responsible for damage or injury caused by incorrect or missing grounding.

- The Hydrim unit is heavy (35 kg / 75 lbs.). Exercise caution and obtain assistance when moving it.
- The Hydrim is equipped with an air gap / anti-suction device to prevent backflow of dirty water into the water supply. No other air gap device is necessary.
- If you need to extend the water inlet and drain hoses, ensure that you use commercial grade plumbing hose. The maximum length of the drain hose is 3.3 m / 13".

### 2.2 Tools and Supplies Required to Install the Hydrim

• Slot screwdriver • Channellocks Ensure that HIP Cleaning Solution (instrument wash chemical) is available. All other supplies are included with the Hydrim unit.

### 2.3 Installation Options

Ensure that there is a 75mm / 3" space at the top, rear and both sides of the Hydrim. This will facilitate installation, levelling, service access and air exhaust from the rear of the unit. Do not locate the electrical outlet directly behind the Hydrim, as this is where warm, moist air from the chamber is exhausted. Do not move the Hydrim into place by maneuvering the open wash chamber door. This may cause to door to become misaligned and leak.



Installation Option #3 **Counter Top** 

Figure 3



### 2.4 Connecting The Water Inlet Hoses

Connect the hot water hose (red) to the hot inlet valve on the Hydrim (indicated by a red dot) and the cold water hose (blue) to the cold water inlet valve on the Hydrim (indicated by a blue dot).

The connector with the elbow should be attached to the back of the Hydrim unit.

The washer with the screen goes to the water supply connector. Make sure that the inlet valves are free of debris.



cold water inlet

hot water inlet

Hose / Cord	Length / Diameter	Max. Distance from inlet / drain	Water Pressure (optimal)*	Shut-Off Valve
Hot Inlet	1.9 m / 6.2' 2cm / <sup>3</sup> /4"	1.5 m / 5'	1-10 bar 14.5-145psi	Yes
Cold Inlet	1.9 m / 6.2' 2cm / <sup>3</sup> /4"	1.5 m / 5'	1-10 bar 14.5-145psi	Yes
Drain	1.5 m / 5' 2cm / <sup>3</sup> /4"	_	_	_
Electrical	1.8 m / 6' AWG 18-3	_	_	

\*unit will function with water pressure down to 0.5 bar //7psi.

### 2.5 Drain Requirements

Connect the drain hose to the drain outlet. The drain hose can be attached to existing drain lines using a 3.5 cm / 1.5" or larger standpipe / P-trap combination. If the hose is connected directly to the drain line, fittings and adapters should not reduce water flow.

The drain hose should be attached to the main drain at a point no more than 1 m/3' above the base of the Hydrim. A floor drain is acceptable (check local codes).

### 2.6 Levelling the Hydrim

For the unit to function properly, it will need to be correctly levelled. To level the unit, follow these steps:

- 1. Adjust the legs underneath the unit.
- **2.** Use the levelling bubble on the top right hand side as a guide.
- **3.** When the bubble is in the centre, the unit is correctly levelled.



Figure 5

### 2.7 Installing Cleaning Solution

Ensure that the quick-disconnect cap on the HIP Hydrim Cleaning Solution bottle is tight. Install the bottle, and loosen the screw cap slightly (see Step 4) to prevent formation of a vacuum in the bottle.



quick disconnect cap

### 2.8 Setting the Water Softener (salt):

Hydrim is equipped with a built-in water softening system which needs to be adjusted according to the local water hardness. The Hydrim water test kit includes three water hardness test strips in bags. Take a water sample from the location where the machine will be installed. Open one of the bags and remove the test strip. Dip the strip in the water. Compare the color of the strip with the chart on the back of the bag. Determine the water hardness according to the chart on the water test kit envelope. Power the unit on. Touch the "i" in the lower right hand corner of the sceen. Select "Technician". Enter 7919 and touch EN. Select "Cycle Settings" and then "Set Regeneration". Using the up and down arrows, set the water softener regeneration level according to the following table:

Hardness – ppm	Hydrim setting
0 - 180	0
190 - 400	1
410 - 540	2
550 - 890*	3
> 890	Additional water treatment required

\* consider using an additional water treatment

Pour 0.5 litre / 16oz of water into the water softener by pouring it into the salt container and inserting it into the chamber wall. Add 0.5 kg / 1.1 lbs of water softening salt in the same manner. Screw the salt container tightly into the wall of the chamber.



water softener container

### 2.9 Installation Test

Turn on the shut-off valves. Run a test cycle, checking for leaks.

### 2.10 Printer / USB Setup

The Hydrim C51wd has an RS-232 port at the back, and can be used with an external printer or the SciCan Data Logger. The printers in the chart below have been tested with the Hydrim. To add or change a printer or SciCan Data Logger, follow these steps:



Turn off the Hydrim and the printer or Data Logger before connecting these devices to the unit.

- 1. With the printer or Data Logger connected, turn on the Hydrim and press the *i* to move to the Menu screen.
- **2.** In the Setup menu, select Printer Selection.
- **3.** Select Serial Printer if connecting a printer, or USB Flash/MSD if connecting the SciCan Data Logger. Press the back arrow to return to the Setup Menu.
- 4. In the Setup Menu, select Baud rate.
- **5.** Select the rate required (refer to chart below for recommended Baud rates). Use the back arrow to return to the Start screen.
- 6. Now the Hydrim will write its cycle information to the device chosen.

Printer Model	Serial Port Baud Rate
Epson TM-U220D (C31C515603)	9600
Citizen IDP-3110-40 RF 115B	9600
Star Micro SP212FD42-120	9600
Star Micro SP216FD42-120	9600
Star Micro SP512MD42-R	9600
SoiCon Data Loggar	Sorial Port

SciCan Data Logger	Serial Port Baud Rate
For Mass Storage Device	9600

## 3. Routine Maintenance

### 3.1 Filter Maintenance

Inspect the coarse and fine filters daily for debris and clean if necessary.

- **1.** Grasp the handle in the centre of the coarse filter and turn it 90° counter-clockwise. (To reinsert the coarse filter, turn the handle clockwise.)
- 2. Remove the coarse filter.
- 3. Remove the fine filter.
- 4. Clean both filters by rinsing them with tap water.
- **5.** Re-assemble, ensuring that the coarse filter is locked in place.

### 3.2 Wash Arm Maintenance

Inspect the wash arms weekly for debris and clean if necessary.

- 1. Open the unit door and remove the wash rack from the unit.
- 2. Unscrew the upper wash arm plug by turning the fitting at the hub (note: fitting is left threaded).
- 3. Remove the upper wash arm.
- **4.** Using two hands, grasp both ends of the lower wash arm on the underside.
- 5. Pull the lower wash arm upwards.
- 6. Inspect both sides of the wash arms for debris in the nozzles. Remove the debris where necessary.
- 7. Rinse both wash arms with tap water and eassemble the wash arms.



Figure 8





Figure 9



lower wash arm

Figure 10

### 4.1 The Unit At A Glance

**Right Side** 

Left Side



### 4.2 Removing The Top Cover

To remove the top cover, follow these steps:

- 1. Power OFF the unit, and unplug.
- 2. Remove the screws that secure the top cover:
- 2 screws and white caps ٠ on the right side of the cover (Figure 16a).
- 2 screws and white caps on ٠ the left of the cover (not shown).
- 7 Phillips washer screws on the back • of the cover: (1 on the top, 3 on the right, 3 on the left.) (Figure 16b)
- 6 Phillips flat head machine screws • on the inside front of the unit (4 on the top, 2 on the left) (Figure 16c). The two screws on the right side do not secure the top cover and do not need to be removed.
- **3.** Grasp the left and right sides of the cover. Pull sides slighty outward and lift straight up.
- 4. Remove the insulation on the top and sides.
- 5. When replacing the cover, ensure that the orange cap for the screw under the drip tray is replaced (Figure 16d).



Figure 16c

6 Phillips screws



orange cap



2 screws and caps

**Rear Of The Unit** Figure 16b

7 Phillips screws

Figure 16a

### 4.3 Removing the Bottom Pan and Kickplate

- 1. Completely open the front door.
- 2. Remove the two Torx screws from the kick plate and pull the kick plate forward to remove (Figure 17a).
- **3.** Drain water from the unit and drain the chemical from the reservoir.
- **4.** Turn the unit upside down. Please note that some liquid will remain.
- 5. Remove one Phillips and one Torx screw from the bottom of the chemical bracket (Figure 17b).
- 6. Remove the two Phillips screws connecting the back panel to the bottom pan (not shown).
- 7. Remove four Torx screws keeping the bottom pan in place (not shown).
- 8. Remove the bottom pan. Caution! Edges are sharp.
- **9.** Be careful not to damage the bottom pan overflow float and make sure it is in place before reinstalling bottom pan.

### 4.4 Removing the Chemical Bracket

- 1. Power the unit OFF.
- 2. Remove the top cover.
- 3. Remove the Phillips screws as shown (Figure 17b).
- 4. Remove the three screws in the backpanel holding the chemical bracket.
- 5. Remove the screw on top of the door bracket (Figure 17c).
- 6. Pull chemical bracket away from the machine, loosen clip and disconnect the dryer hose.
- 7. This provides access to the chamber full switch (black) and the overflow switch (clear) (Figure 17d).





Door Bracket Screw





Torx Screw



chamber full switch

overflow switch

Figure 17d

### 4.5 Removing the Controller Assembly

- 1. Remove the top cover.
- 2. Remove the two screws on the left of the chemical bracket and the screw on top that holds the bracket to the door latch bar (Figure 18a and b).
- **3.** Remove the two screws that hold the fascia to the chamber (Figure 18c).
- 4. Pull chemical bracket away and swing fasica out as shown (Figure 18d).
- **5.** Access the controller assembly and disconnect the following connectors from the i/o board:
  - J6 one 4-pin connector J3 and J5 – two 6-pin connectors J2 and J1 – two 2-pin connectors J7 – one 2-pin connector



Figure 18a

screws

screw





screws

Figure 18b

Figure 18c



Figure 18d



- 6. Disconnect the signal connector from the bottom of the logic board (Figure 18e).
- 7. Unclip the temperature sensor junction block (not shown).
- 8. Remove four screws (Figure 18f) and lift I/O board off.
- **9.** Disconnect the printer cable from the side of the logic board (Figure 18g).
- **10.** To remove logic board, remove upper standoffs and two screws (Figure 18g).
- 11. Reassemble in reverse order.





Figure 18g

### 4.6 Removing The Door Fascia

To remove the door fascia, follow these steps:

- 1. Power OFF the unit and unplug.
- 2. Open the door and remove the 4 Phillips screws on the perimeter of the door's inside face.
- **3.** Pull the door fascia towards you and lift up.



# 5. Electrical Schematic



# 6. Technical Service Menu

### Service Menu Overview



To access this menu, turn the unit on. There is an "i" in the lower right hand corner of the screen for about 10 seonds. Touch the "i" to get to the menu screen. Touch Technician.

Key in the password 7919 and press EN.

Cycle Count: Displays the number of cycles that have been run (complete and incomplete).

Diagnostic Tools: Offers a submenu of five tools.

-> Error History: Allows access to the last three errors.

Component Test: Allows individual testing of the following components.

- Circ. Pump M1 (Upper & Lower) ON/OFF
- → All Devices OFF
- Latch L1 ON/OFF
- → Salt Valve Y2 ON/OFF
- Dosing Pump 1 M4 ON/OFF
- Dryer Motor + Heater ON/OFF
- → Hot W. Valve Y7- ON/OFF
- Cold W. Valve Y1 ON/OFF
- → Rinse Aid Valve ON/OFF (not used)
- → Waste Pump M2 ON/OFF

### 6. Technical Service Menu



### 6. Technical Service Menu



### 7.1 Troubleshooting Tools

Within the technical service menu, there are several useful tools for troubleshooting.

#### Debug screen:

This screen should be used when running a cycle to view the I/O status of components.



### View I/O status

This screen should be used when testing components and wires for functionality without the cycle running.

### 7.2 Cycle Faults

If the software detects an error, an error message will appear on the screen showing one of the codes listed below.

P1 Rinse Instruments Not Processed
CF3 TEMP. SENSOR 1 BAD
ОК

### 7.2.1 CF1 Heating Failure

Detection: The water is not reaching the required temperature in the specified time. upper circulation pump hot and cold valves Remedy: lower drain circulation 1. Possible Cause connection fuses pump is overheating of pressure the circulation pump. switch Indication of this (safety) cause is if the machine gives CF1 error code float during a cycle, but heater runs normally if the machine is allowed to heater element cool down. If OK, water proceed to step 2. softener 2. Check the fuses. lower If OK, proceed to step 3. circulation 3. With the troubleshooting pump window in place, start Figure 20 capacitor a cycle. After filling, the drain pump temp. sensor water level should be approximately 10-15mm chamber below the lower wash level full switch arm. If the water level is sensor not correct, replace the level sensor (Figure 21). If the water level is OK. proceed to step 4. chamber overflow Figure 21 switch

- 4. Using the debug screen and with the troubleshooting window in place, count the rpm's when the temperature is at 50°C. Upper and lower arm rpm's should be >= 25. If rpm's are low, this indicates circulation pump failure. Replace the appropriate circulation pump (upper or lower). If rpm's are OK, proceed to step 5.
- 5. There is a failure in one of the following
  - thermostat
  - pressure switch (lower wash arm)
  - heater element

Remove the top cover and the bottom cover. Check the heater element, lower arm pressure switch and thermostat (in series).

### 7.2.2 CF2 Chamber Filling Failure

#### Detection:

- Chamber full switch not activated in the first 4 min of filling (circulation pump not running yet). If hot water unavailable or at low pressure, the unit will switch to cold water after 2.5 min if the chamber full switch is not activated.
- Chamber full switch not activated in 4 min of filling with circulation pump running.

#### Remedy:

- 1. Check if the water supply valves are turned on and the water pressure is normal.
- 2. Check for blockages in the water inlet hose filters.
- 3. Check for kinks in the water inlet hoses.
- 4. Possible cause is a malfunction of the chamber level switch. Using the debug screen, monitor if the chamber full switch turns ON after filling. If not, remove the top cover and the chemical bracket. Check the level diaphragm / switch assembly and repair or replace. If OK, proceed to step 5.
- 5. Possible cause is a leak. Remove the kick plate and look for fluid in the pan. Isolate and repair the source of the leak.



### 7.2.3 CF3 Chamber temperature sensor reading failure

#### **Detection:**

Main temperature sensor readings are outside limits (too high or too low)

### **Remedy:**

- Possible cause is disconnection of the temperature sensor. Check the connection of the sensor to the logic board (see section 4.5 Removing the Controller Assembly). If OK proceed to step 2.
- 2. Possible cause is malfunction of the temperature sensor. Remove the kick plate. Replace the temperature sensor as required.

### 7.2.4 CF 4 Water evacuation failure

#### **Detection:**

Chamber full switch did not open in 1 minute after turning the drain pump on.

### Remedy:

- 1. Check for a kink or blockage in the drain hose.
- 2. Possible cause is chamber full switch failure. Using the debug screen, check if the chamber full switch is OFF when water had drained from the chamber. If not, remove the top cover and the chemical bracket. Check the level diaphragm / switch assembly and replace as necessary (Figure 24b).
- 3. Possible cause is drain pump failure. Manually load 3 litres of water into the chamber. With the troubleshooting window in place, go into the service menu and activate the drain pump. The water should drain within 20 seconds. If it does not, remove the top and bottom covers and replace the drain pump (Figure 24a). If the water drains ok, proceed to step 3.



Figure 24a

Figure 24b





### 7.2.5 CF 9 Program Timeout

### **Detection:**

The unit is running a cycle for more than 3hrs.

#### Remedy:

Possible cause is a defective PCB and/or software failure. Replace the logic board.

### 7.2.6 CF 15 Chamber Overflow

### **Detection:**

The overflow switch did not turn off after 30sec of running the drain pump.

#### Remedy:

- 1. Check for a kink or blockage in the drain hose.
- 2. Possible cause is a defective overflow switch. Follow the procedure for CF2.
- 3. Possible cause is the water inlet valves not closing. This can be detected if water continues to fill the chamber even when the power to the machine is off. Replace the inlet valves.
- 4. Possible cause is a leak. Remove the top cover and kick plate and look for fluid in the pan. Isolate and repair the source of the leak.



### 7.3 Additional Troubleshooting



Problem: Cleaning solution leakage

### Remedy

- 1. Ensure that the male outlet on the cleaning solution bottle is tightly closed.
- 2. Ensure that the male and female connectors have mated.
- 3. Check the cleaning solution tubing for cracks and leaks. Replace if necessary.



Problem: Water leaking from the door (front of the unit)

#### Remedy:

- 1. Make sure unit is level.
- 2. Check adjustment on the door latch. Loosen two screws and then slide door latch in or out to adjust.



### Problem: Instruments not dry

#### Remedy:

- 1. Increase drying time
- 2. Replace dryer.



Problem: Screen doesn't turn on

### Remedy:

- 1. Check that the machine is plugged in.
- 2. Check the power supply (5V and 24V) according to schematic
- 3. Replace LCD
- 4. Replace logic board



### Problem: Printer will not print

### Remedy:

- 1. Ensure that serial printer is selected (set-up menu)
- 2. Ensure that baud rate is correct

Item	SCICAN #	KIT DESCRIPTION	NOTE
1	01-107786S	Seal Door, J	
2	01-107788S	Inlet Hose N.A, J	one hose / kit
3	01-107789S	Drain Hose, J	one hose / kit
4	01-107790S	Dosing Pump, J	
5	01-107791S	Valve Salt Regeneration, J	
6	01-107792S	Thermoactuator, J	
7	01-107794S	Pump Recirculation Lower Arm, J	
8	01-110259S	Pump Upper Arm w/o Fitting, J	
9	01-107797S	Drain Pump N.A. 230V, 60Hz, J	
10	01-107799S	2A Fuse, J	five fuses / kit
11	01-107800S	10A Fuse, J	ten fuses / kit
12	01-107801S	Inlet Valve Cold Water, J	
13	01-107802S	Switch Full Chamber, J	
14	01-107803S	Switch Overflow Chamber, J	
15	01-107804S	Lower Wash Arm, J	
16	01-107806S	Screen Drain, J	with mesh
17	01-107807S	Filter Drain, J	
18	01-107808S	Water Heater, J	
19	01-107810S	Switch Pressure Heater, J	
20	01-107811S	Door Spring Kit, J	
21	01-107812S	Clip Door, J	
22	01-107815S	Inlet Valve Hot Water, J	
23	01-107938S	Switch Pressure Assy, J	
24	01-107975S	Adjustable Feet, J	
25	01-108030S	Quick Connect Female, J	
26	01-108121S	Cap Quick Disconnect, J	ten caps / kit
27	01-108122S	Drip Tray, J	
28	01-108253S	Reservoir	
29	01-108305S	Hydrim Water Test Kit, J/K	
30	01-108309S	Kickplate, J	
31	01-108310S	Mesh Drain, J	only mesh
32	01-108351S	Float Dosing Reservoir, J	
33	01-108699S	Tube Chem.	
34	01-108700S	Fuse Holder, J	three parts / kit
35	01-108795S	Plastic Trim Edge, J	
36	01-108797S	Support Bracket 1-st Pump	
37	01-109143S	Dryer Tubing, J	
38	01-109144S	Dryer Fitting, J	

For an updated parts list, please refer to myscican.com

Item	SCICAN #	KIT DESCRIPTION	NOTE
39	01-109145S	Dryer Vent Assy, J	
40	95-110104	Operator's Manual, Hydrim C51W, J	
41	01-109835S	Dryer Assy Hydrim, S	
42	01-109834S	Seals, Door Bottom Hydrim, S	
43	01-107973S	Packaging Hydrim C51W, J	
44	01-110205S	Cover Top, C51W, J	
45	01-107809S	NC Sensor	
46	01-110200S	Detergent Door w. Label C51WC51W, J	
47	01-110201S	Fascia Door w. Label, C51WC51W, J	
48	01-109791S	Door Curtain Hydrim, S	
49	01-109790S	Upper Spray Arm Hydrim, S	
50	01-109789S	Rope, Door Latch, C51W	
51	01-110203S	Single Temperature Sensor C51W, J	
52	01-109785S	Touch Display Hydrim, S	
53	01-110206S	Logic Board Hydrim C51W, J	
54	01-109783S	I/O Board Hydrim, S	
55	01-109782S	Power Supply Board, S	
56	01-110202S	Fascia Controller w/ Label, C51W, J	
57	01-109780S	Door Solenoid C51WD, S	
58	01-110204S	Tubing, Upper Arm Fitting, C51W, J	
59	01-109776S	Top Arm Fitting Hydrim, S	
60	01-107787S	Inlet Hose Europe, J	
61	01-107796S	Drain Pump Europe 230V, 50Hz, J	



01-107786S Seal Door, J



01-107788S Inlet Hose N.A., J 01-107789S Drain Hose, J



01-107790S Dosing Pump, J



01-107791S Valve Salt Regeneration, J



01-107799S 2A Fuse, J



01-107794S Pump Recirculation Lower Arm, J



01-107800S 10A Fuse, J



01-110259S Pump Upper Arm w/o Fitting, J



01-107801S Inlet Valve Cold Water, J



01-107797S Drain Pump N.A. 230V, 60Hz, J



01-107803S Switch Overflow Chamber, J



01-107804S Lower Wash Arm, J



01-107806S Screen Drain, J



01-107807S Filter Drain, J



01-107808S Water Heater, J



01-107810S Switch Pressure Heater, J



01-107812S Clip Door, J



01-107815S Inlet Valve Hot Water, J



01-107938S Switch, Pressure Assembly (Chamber Full Switch Assembly)



01-107802S Switch Full Chamber, J



01-107975S Adjustable Feet, J



01-108030S Quick Connect Female, J



01-108699S Tube, chemical



01-108121S Cap Quick Disconnect, J



01-108310S Mesh Drain, J



01-108122S Drip Tray, J



01-108351S Float Dosing Reservoir, J



01-108253S Reservoir

01-109143S

Dryer Tubing, J



01-108309S Kickplate, J



01-108700S Fuse Holder, J



01-108795S Plastic Trim Edge, J



01-109144S Dryer Fitting, J



01-108797S Support Bracket 1-st Pump, J



01-109145S Dryer Vent Assy, J



01-109776S Top Arm Fitting Hydrim, S



01-110204S Tubing, Upper Arm Fitting, C51W, J





01-109780S Door Solenoid C51WD, S

01-110202S Fascia Controller w/ Label, C51W, J



01-109782S Power Supply Board, S



01-110206S Logic Board Hydrim, C51W, J



01-109783S I/O Board Hydrim, S



01-109785S Touch Display Hydrim, S



01-110203S Single Temperature Sensor C51W, J



01-109789S Rope, Door Latch, C51WD, S



01-109790S



Upper Spray Arm Hydrim, S



01-110201S Fascia Door w. Label, C51W, J



01-110200S Detergent Door w. Label C51W, J



01-107809S NC Sensor



01-110205S Cover Top, C51W, J



01-107973S Packaging Hydrim C51W, S



01-109834S Seals, Door Bottom Hydrim, S



01-109835S Dryer Assy Hydrim, S