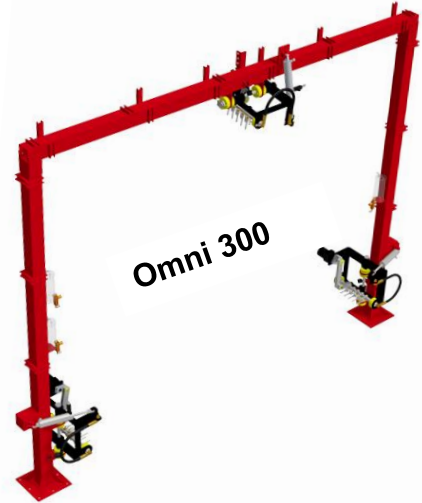




# Omni Wash Arches



# Owner's Manual

Sonny's Enterprises LLC  
5605 Hiatus Road  
Tamarac, Florida 33321



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## **WARNING \*SAFETY REQUIREMENTS\* WARNING**

1. All employees must be thoroughly trained in safe operation and standard maintenance practices. All employees must review this entire manual monthly.
2. Do not enter the wash tunnel when the equipment is operating. Death or dismemberment may occur.
3. Do not wear loose fitting clothing or jewelry around moving equipment. Do not allow any part of your body or other objects (including ladders, hoses, or tools) to come in contact with moving equipment. Entanglement may result causing death or dismemberment.
4. Do not leave a ladder or any other items such as wash down hoses or tools in the wash tunnel while equipment is running. Vehicle damage and injury, including death, can occur.
5. Always exercise caution when walking (never run) through the wash tunnel as there may be slippery conditions. Be careful so you do not bump into or trip over equipment.
6. Only those employees specifically instructed and trained by the location management are permitted to enter the wash tunnel to perform inspections or maintenance. At least two qualified maintenance people must be present when performing equipment repairs or preventive maintenance.
7. Do not perform any maintenance or work on equipment unless you first perform Lock-Out Safety Precautions. All electrically powered equipment must have manually operated disconnects capable of being locked in the "OFF" position. Equipment that has been "locked out" for any reason must be restarted only by the person who performed the "lock out" operation.
8. When working on any equipment that is higher than your shoulders, always use a fiberglass ladder that is in good condition.
9. Do not attempt to repair or adjust any pressurized liquid or pneumatic part, hose, pipe or fitting while that equipment is in operation.
10. Electrical connections and repairs must be performed by a Licensed Electrician Only.
11. Emergency "STOP" buttons must be well marked and their location and proper use reviewed with all personnel. Any activated "STOP" button must be reset only by the person who activated it. Clear the wash tunnel of any people, ladders, hoses, tools, and other loose items before restarting the equipment. An audible device must sound to warn people that the equipment is starting.
12. Do not operate any piece of equipment that requires safety covers with those covers removed or improperly installed. Do not operate any piece of equipment if any component of that piece is suspected to be defective or malfunctioning.



## Owner's Manual Omni Wash Arches

13. Store all cleaning and washing solutions and oils in a well-ventilated area. Clean up fluid spills immediately to prevent hazardous safety conditions. Be certain to follow all safety procedures on SDS Sheets for each chemical product used.
14. All hydraulic and electric systems in the wash tunnel equipped with a torque relief or overload should be checked and set at the minimum amount that will allow for proper functionality under normal washing conditions.
15. No unauthorized people should ever be permitted in the wash tunnel or near the equipment at any time.

\* \* \*

### !! CAUTION !!

When a piece of equipment must be in operation during inspection or maintenance, one qualified technician must stay at the power disconnect switch while another qualified technician performs the inspection or maintenance.



## **\*INTRODUCTION\***

This Manual contains information that is vital to the successful installation, operation and maintenance of your SONNY'S vehicle washing equipment.

Please read, and understand, the full contents of this manual before installation and operation of the equipment. Keep this booklet in a location where it may be used for ongoing reference.

Should you have any questions on the operation or servicing of this equipment please contact

**TECHNICAL SERVICES DEPT.**

**SONNY'S ENTERPRISES INC.**

**5605 Hiatus Road**

**TAMARAC, FLORIDA 33321**

**TELEPHONE: 800-327-8723    FAX: 800-495-4049**

**THANK YOU FOR YOUR CONFIDENCE IN SONNY'S !!!!**

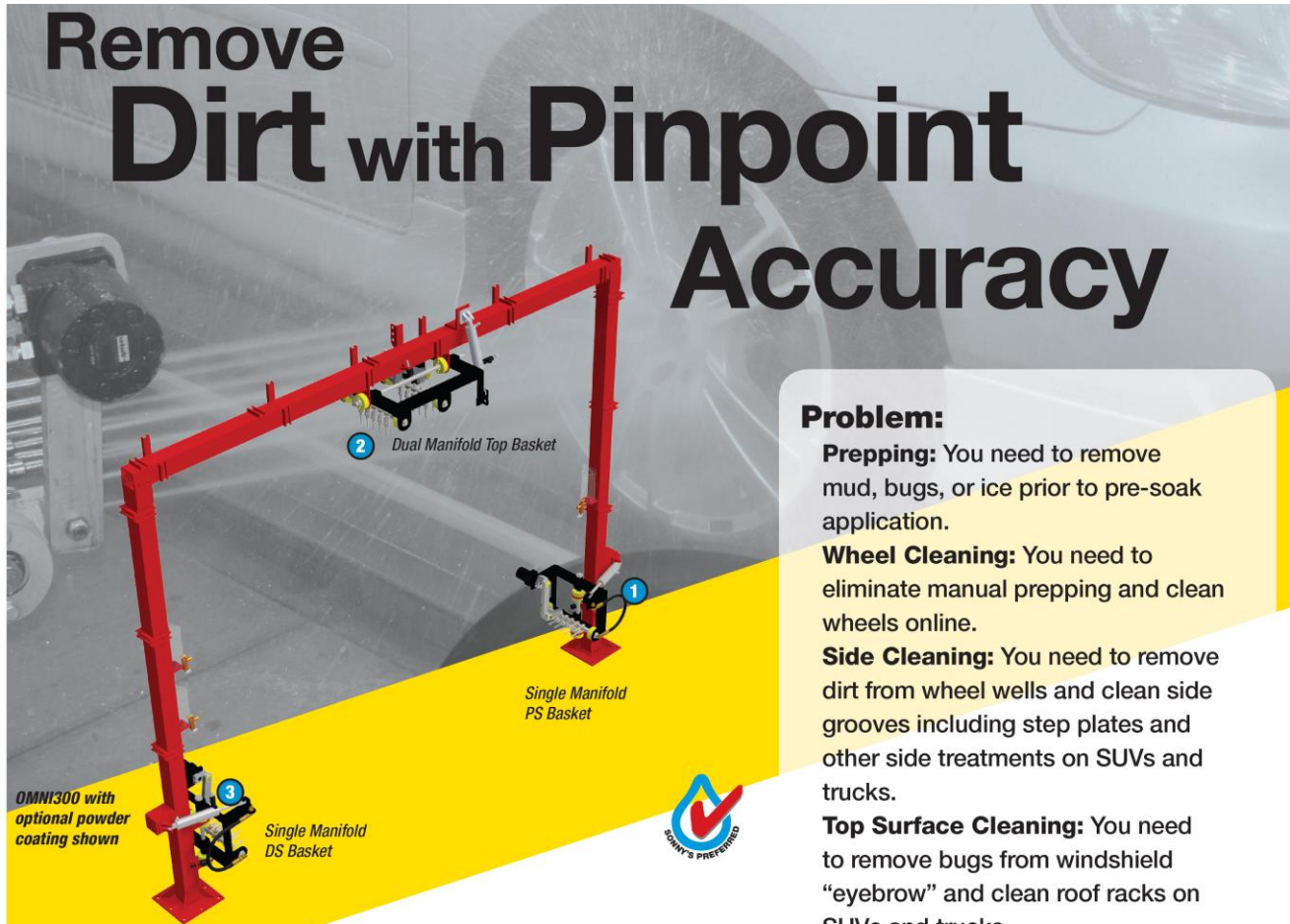




## Product Specifications

- Unique shifting and oscillating motion provide thorough coverage.
- 4 inch square aluminum frame. Also available in stainless steel.
- Stainless steel spray bars.
- Non-grease UHMW bushings throughout.
- Spray bar oscillation controlled by hydraulic motors requiring 3GPM maximum.
- Directional shifting cushioned with air over oil circuits.
- Available as arch mounted or free standing post mount.
- Sized for solution delivery of 20GPM @ 650-800PSI.
- 28 inches of tunnel length required.
- 156 inches of tunnel width required.
- 96 inches unobstructed overhead clearance required with frame cross beam.

# Remove Dirt with Pinpoint Accuracy



**Problem:**

**Prepping:** You need to remove mud, bugs, or ice prior to pre-soak application.


**Wheel Cleaning:** You need to eliminate manual prepping and clean wheels online.

**Side Cleaning:** You need to remove dirt from wheel wells and clean side grooves including step plates and other side treatments on SUVs and trucks.


**Top Surface Cleaning:** You need to remove bugs from windshield "eyebrow" and clean roof racks on SUVs and trucks.

**Solved:**

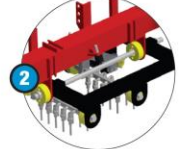
SONNY'S OMNI I Arches feature 2 to 5 pivoting stainless steel manifolds that track vehicles and blast away dirt with a high impact water stream created by exclusive aerated Zero Degree Plus nozzles.




Electric or hydraulic drive to meet your Requirements.



1 Independent hydraulic or electric motors for up & down oscillating manifold.



2 Each manifold holds 10 Zero Degree Plus nozzles for greater impact and cleaning performance.



3 Each basket uses air cylinders to pivot and follow wheels and vehicle.

**Specifications**

	OMNI I 50 - Inches	OMNI I 50 - Metric
Footprint Length	28in	711mm
Footprint	154in	3.657m
Unit Height	96in	2.438m
Vehicle Clearance	90in	2.286m
Water	Max. 20GPM @600PSI	1.3 ltr/s @ 42 kgs/sq cm
Hydraulic	2.5GPM	.2 ltrs/sec

- 4in x 4in QuadX Aluminum frame completely plumbed with stainless steel tubing for reliability and fast installation
- SONNY'S exclusive Zero Degree Plus nozzles for maximum impact and better cleaning
- Greaseless UHMW bearings for low maintenance
- Manifolds constructed of stainless steel for durability
- Independent hydraulic or electric motors oscillate manifolds for greater coverage

## OMNI I Wash Arches

**Includes:**  
 • Zero Degree Plus nozzles  
 • Air kits  
 • Solenoid

**Requires:**  
 • High pressure pump station  
 • Motor controls or hydraulic power pack depending on drive selection

**Optional:**  
 • Powder coating



### OMNI150

Oscillating	Single Manifold*		Dual Manifold*	
	Hydraulic	Electric	Hydraulic	Electric
Side Blaster	\$7,547	\$9,148.00	\$8,932.00	\$10,980.00
Wheel Blaster	\$7,647.00	\$9,248.00	\$9,032.00	\$11,080.00

Material ID: OMNI\_150

### OMNI300

Oscillating	Single Manifold*		Dual Manifold*	
	Hydraulic	Electric	Hydraulic	Electric
Top Blaster Side Blaster	\$10,439.00	\$13,325.00	\$14,262.00	\$16,663.00
Top Blaster Wheel Blaster	\$10,539.00	\$13,425.00	\$14,362.00	\$16,763.00

Material ID: OMNI\_300

### OMNI300

Oscillating	Single Top Manifold Dual Bottom Manifolds*		Dual Top Manifold Single Bottom Manifold*	
	Hydraulic	Electric	Hydraulic	Electric
Top Blaster Side Blaster	\$11,824.00	\$15,157.00	\$12,877.00	\$14,831.00
Top Blaster Wheel Blaster	\$11,924.00	\$15,257.00	\$12,977.00	\$14,931.00

Material ID: OMNI\_300

### OMNI500

Oscillating	All Single Manifold*		All Dual Manifold*	
	Hydraulic	Electric	Hydraulic	Electric
Top Blaster				
Side Blaster (Middle)	\$15,613.00	\$19,614.00	\$18,517.00	\$20,803.00
Wheel Blaster (Bottom)				

Material ID: OMNI\_500

\*Specify 1GPM, 2GPM or 3GPM nozzles when ordering

## OMNI Options

Description	Price
Danfoss High Pressure Water Solenoid	\$565.00



Protect & beautify your equipment with optional powder coating. Call for pricing.



**Octopus Mirror Blaster**



**Mirror Blaster**



**Rainbar Mirror Rinse**

Description	Mounting	Material	Price
Mirror Blaster	OMNI Arch	DS & PS Manifolds	\$848.00
Octopus Mirror Blaster	OMNI Arch	DS & PS Manifolds	\$1,459.00
Rainbar Mirror Rinse	OMNI Arch	DS & PS Manifolds	\$480.00

Material ID: MIRROR\_RINSE

## Drive Blocks for Side, Wheel, and Top Blasters



**Top Blaster Models:**  
 Features a side-to-side oscillation that covers all horizontal surfaces.



**Side Blaster Models:**  
 Features a full oscillation from the bottom of the wheel to the bottom edge of most windows.



**Wheel Blaster Models:**  
 Features a restricted oscillation with a shorter stroke for greater concentration on wheels.



# Dirt & Grime Don't Stand a Chance



**Problem:**

**Prepping:** You need to remove mud, bugs, or ice prior to pre-soak application.

**Wheel Cleaning:** You need to eliminate manual prepping and clean wheels online.

**Side Cleaning:** You need to remove dirt from wheel wells and clean side grooves including step plates and other side treatments on SUVs and trucks.

**Top Surface Cleaning:** You need to remove bugs from windshield "eyebrow" and clean roof racks on SUVs and trucks.

**Solved:**

SONNY'S OMNI I Attachments feature stainless steel manifolds that track vehicles and blast away dirt with a high impact water stream created by exclusive aerated Zero Degree Plus nozzles.

- 4in x 4in QuadX aluminum post
- SONNY'S exclusive Zero Degree Plus nozzles for maximum impact and better cleaning
- Greaseless UHMW bearings for low maintenance
- Manifolds constructed of stainless steel for durability
- Independent hydraulic or electric motors oscillate manifolds for greater coverage
- Shown with optional powder coating

Single Manifold PS Basket.  
Mounting post not included



Electric or Hydraulic  
Drive to Meet Your  
Requirements

**Drive Blocks for  
Side, Wheel, and  
Top Blasters**



**Top Blaster Models:**  
Features a side-to-side oscillation  
that covers all horizontal surfaces.



**Side Blaster Models:**  
Features a full oscillation from the  
bottom of the wheel to the bottom  
edge of most windows.



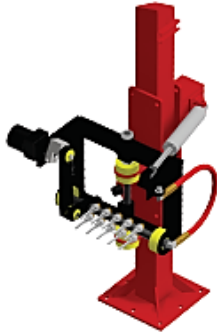
**Wheel Blaster Models:**  
Features a restricted oscillation  
with a shorter stroke for greater  
concentration on wheels.

## OMNI Side Attachments

**Includes:**  
 - Zero Degree Plus nozzles  
 - Air kits  
 - Mounting kit

**Requires:**  
 - High pressure pump station  
 - Motor controls or hydraulic power pack depending on drive selection

**Optional:**  
 - Powder coating  
 - Mounting post



Single Manifold PS Basket.  
Mounting post not included

Oscillation		Single Manifold*		Dual Manifold*	
		Hydraulic	Electric	Hydraulic	Electric
Side Attachment	Side Blaster	\$7,224.00	\$8,451.00	\$10,509.00	\$11,737.00
	Wheel Blaster	\$7,224.00	\$8,451.00	\$10,509.00	\$11,737.00

Material ID: OMNI\_BKT\_SIDE



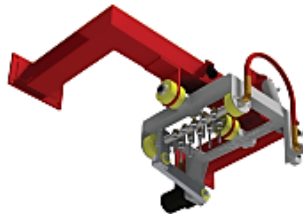
Protect & beautify your equipment with optional powder coating. Call for pricing.

## OMNI Top Attachments

**Includes:**  
 - Zero Degree Plus nozzles  
 - Air kits

**Requires:**  
 - High pressure pump station  
 - Motor controls or hydraulic power pack depending on drive selection

**Optional:**  
 - Powder coating



Oscillation		Single Manifold*		Dual Manifold*	
		Hydraulic	Electric	Hydraulic	Electric
Top Attachment		\$4,527.00	\$5,141.00	\$6,290.00	\$6,904.00

Material ID: OMNI\_BKT\_TOP

\*Specify 1GPM, 2GPM or 3GPM nozzles when ordering

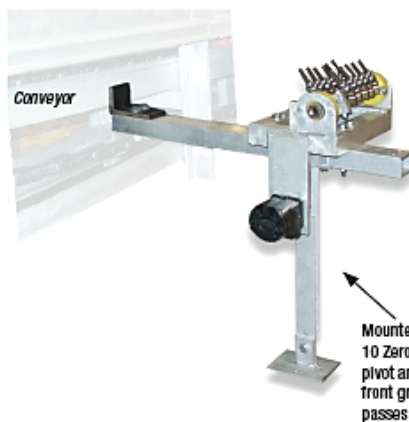
## OMNI Pivoting Bumper Blaster

Blast dirt and bugs from bumper and grills with no need for additional tunnel length.

- Mounts in conveyor pit. Support leg easily adjusts for any conveyor pit depth
- Independent hydraulic motor pivots manifold for increased coverage
- UHMW bearings require no maintenance

**Includes:**  
 - Zero Degree Plus nozzles

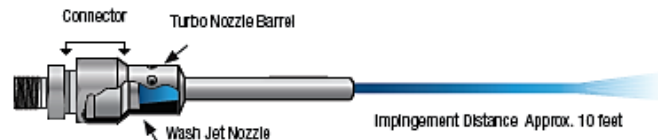
**Requires:**  
 - High pressure pump stations  
 - Power packs for hydraulic



Mounted in the conveyor pit, 10 Zero Degree Plus nozzles pivot and blast bumpers and front grills clean as vehicle passes over the manifold.

Item #	Drive	Description	Nozzles*	Price
20006311	Hydraulic Motors	Bumper Cleaner, OMNI Plus, Single	10	\$3619.00

\*Specify 1GPM, 2GPM or 3GPM nozzles when ordering



### Did You Know?

When it comes to water impingement, (which is defined as the force that removes dirt and grime from the vehicle surfaces) the Tube Nozzles have a clear advantage over the Meg nozzles. Their long barrel and patented *water aerating technology*, allow the water to flow with a more precise, powerful and longer-distance impingement as demonstrated by the graphic above. They are ideal where high pressure is required to reach all the surfaces and crevices of the vehicle without any *profiling* as in a SONNY'S OMNI. An array of tube nozzles are positioned on pivoting frames on the top and side OMNIs to ensure complete cleaning of the vehicle.

## Touch-Free and Dirt Free



**ELECTRIC**  
**HYDRAULIC**

Electric or Hydraulic drive to meet your requirements.



(2) Oscillating stainless steel manifolds each able to hold (10) Zero Degree Plus nozzles for a total of (20) nozzles.



Each side manifold holds (10) Zero Degree Plus nozzles for greater impact and cleaning performance.



Steel sleeve attached to manifold reduces manifold wear.



All OMNI II Wash Arches are completely pre-plumbed with stainless steel tubing for reliability and fast installation.

### Problem:

You need powerful high pressure cleaning either as the foundation of a touch-free wash or to complement the cleaning action in a light-touch friction tunnel system.

### Solved:

Firing up to 60 of SONNY'S exclusive Zero Degree Plus nozzles at up to 1000PSI, the OMNI II Wash Arches are powerful. Each side manifold pivots to clean the front bumper, wheels, and rocker panel, as well as the rear of the vehicle. The top manifold pivots as the vehicle passes through the arch to clean all horizontal surfaces as well as windshields and rear windows. All manifolds oscillate to provide the necessary coverage to clean flat surfaces without the use of friction wash materials.

- 4in x 4in QuadX Aluminum frame completely plumbed with stainless steel tubing for reliability and fast installation
- Include greaseless UHMW bearings
- All OMNI II Arches feature a top carriage with (2) oscillating stainless steel manifolds each able to hold (10) Zero Degree Plus nozzles for a total of (20) nozzles
- Top and side manifolds are driven by independent hydraulic or electric motors and spray water at a maximum 1000PSI providing full coverage of all vehicle surfaces
- Overhead nozzle carriage rotates & follows vehicle travel for full coverage of roof, windshield, trunk, & rear bumper

### Specifications

	OMNI II	
	Inch	Metric
Footprint Length	66in	1.67m
Footprint Width	154in	3.91m
Unit Height	127in	3.22m
Vehicle Clearance	90in	2.28m
Water	36GPM @650PSI	2.3 ltr/s @ 46 kgf/cm <sup>2</sup>
Hydraulic (In Series)	2.5GPM	.2 ltrs/sec



# **\*INSTALLATION\***

## **Utilities Requirements**

**UTILITIES INTERCONNECTION AND THE MATERIALS REQUIRED FOR INTERCONNECTION TO SONNY'S EQUIPMENT ARE THE RESPONSIBILITY OF THE CUSTOMER !**

**PERFORM ALL TRADES WORK TO ALL APPLICABLE LOCAL AND NATIONAL CODES !**

### **Electric**

- The Customer's Electrician is to provide materials and install single phase power (24VAC or 110VAC (specify at the time of order) from the tunnel equipment controller to high pressure pump controls, hydraulic power pack control, and the supplied 4-way air solenoid valve on the Air Distribution Manifold.
- Where applicable, the Customer's Electrician is to provide materials and install 208VAC or 230VAC or 460VAC, 3-phase, 60Hz power to the electric motor on the hydraulic power pack or VFD panel from a properly sized three pole circuit breaker and motor starter with three thermal overloads.

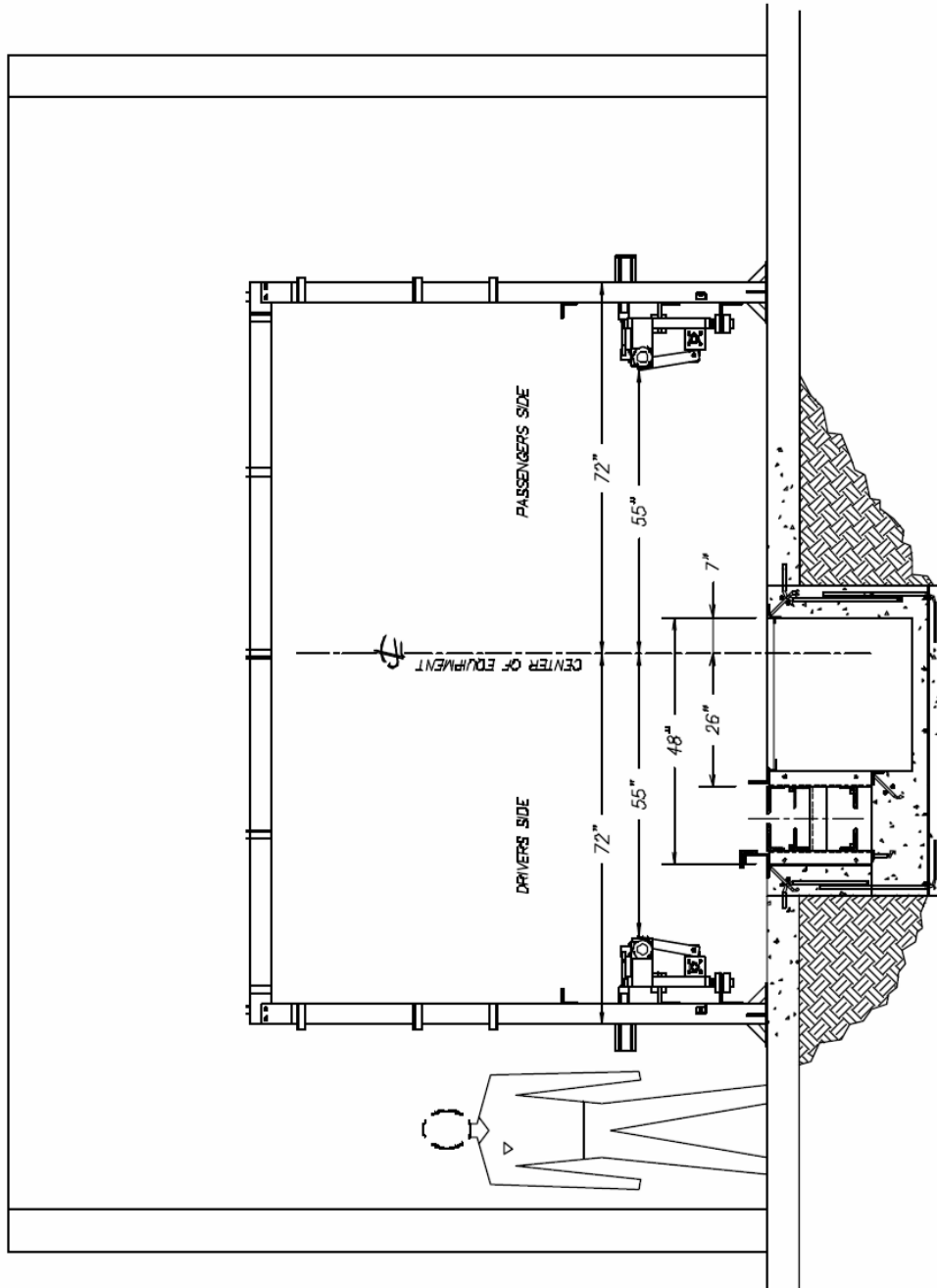
### **Pneumatic**

- The Customer's Plumber is to provide and install a 3/8 inch compressed air line (approximately 6CFM at maximum load) from the air compressor to the supplied 4 way air solenoid valve on the Air Distribution Manifold.

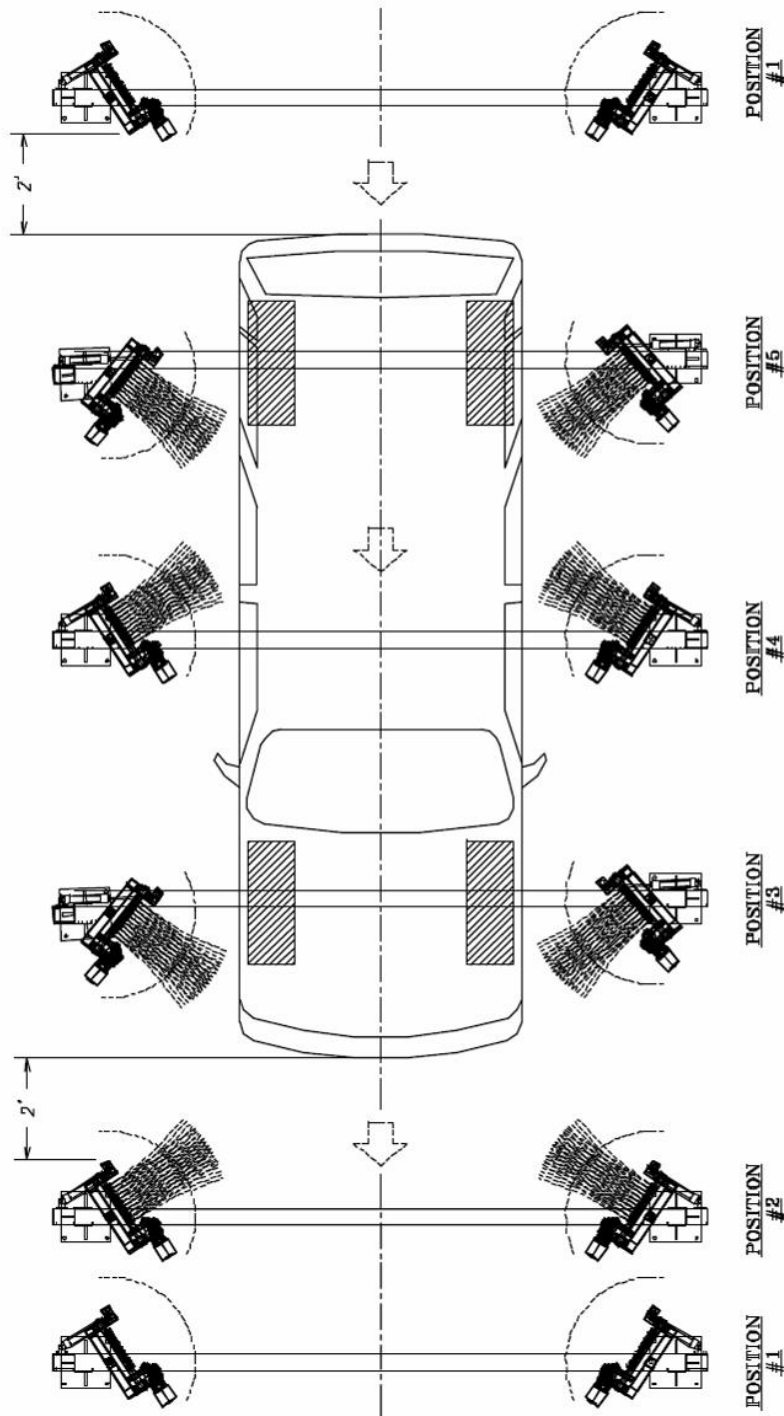
### **Technical Disclaimer**

- Although building codes have been considered in developing all drawings, verification of site-specific conditions and compliance with federal, state, and local building codes is the exclusive responsibility of the customer and/or architect and engineer.

# Dimensions



**Figure #1**



**Figure #2**



# Equipment Installation

## Omni Wash Arch Installation

### Tools

1. Safety Glasses
2. ½" Drive Ratchet Set
3. Standard Combo Wrenches
4. Standard Screwdriver
5. 1" Hammer Drill
6. Sledgehammer
7. Tape Measure

### Work Force

Two (2) persons

### Consumables

1. Stainless Shims
2. PTFE Tape
3. PTFE Paste

### Time (assuming no problems)

2.00 - 3.00 hours

### Installation Steps

1. Determine where the Omni Arch is to be installed.
2. Sweep any debris from where the Omni Arch will sit.
3. Set the Omni side frames in place, to ensure the correct frame is placed on each side, check that the hydraulic motors are facing the tunnel exit.
4. Measure 72" from the center line to the outer edge of the upright frame as pictured in Figure #1 and in the tunnel layout diagram.
5. Install the top frame of the omni arch, leaving the interconnecting hardware slightly loose at this time.
6. Ensure the Omni frame is plumb and square and check positioning measurements using shim, as necessary.
7. Secure the passenger side base plate with one floor anchor.
8. Double check the frame is plumb and square and secure the driver side base plate with one floor anchor, then complete the base plates anchoring.
9. Tighten all interconnecting hardware of the top and side frames.



## Owner's Manual Omni Wash Arches

10. Open the needle valves on each cylinder and air reservoir and fill to 3/4 each reservoir with fluid.
11. Physically pivot each manifold back and forth until no more bubbles appear in the reservoir while compressing the cylinder.
12. With the cylinder fully extended the reservoir should be at least ¼ filled with fluid.
13. Run and connect the 3/8" air lines from the air distributor to the air reservoir and the air cylinder on each Omni manifold. Apply air pressure to each manifold and ensure the position at rest is same as position #1 in Figure #2.
14. Run and connect the ½" hydraulic supply and return lines from the frame to the hydraulic power packs for the top and side manifolds.
15. Hydraulic requirements are approximately 3GPM at 75RPM; motors may rotate clockwise or counterclockwise.
16. Run and connect the high pressure water lines from the HP pump station to the Omni manifolds.





# Adjustments and Testing

## Test Water, Hydraulic and Air

Using the 4-way air valves on the air distribution manifold, manually activate each air cylinder and ensure the Omni manifold pivots properly and that in the OFF position it is facing as in Position #1 in Figure #2.

At the tunnel equipment controller manually activate the hydraulic pump station for each Omni manifold and ensure it oscillates the manifold smoothly and there are no leaks. The speed of the motors should be adjusted for 60 to 70 cycles per minute.

At the tunnel equipment controller manually activate the high pressure water pump station for each Omni manifold and ensure the nozzles operate properly and there are no leaks. Water pressure should be ready approximately 800PSI with all manifolds activated.

## Tunnel Controller Programming

For Wheel Manifolds set the programming as follows (refer to Figure # 2)

1. Position #1. The high pressure water pump and hydraulic power pack start operating 2 feet front the front of the vehicle with the side Omni manifolds facing the oncoming vehicle.
2. Position #2. As the front tires come in range the 4-way air valve should be activated and the Omni manifolds should track the front tires as they pass by. The needle valve on the air/fluid reservoir can be adjusted to control the speed of the tracking.
3. Position #3. As the front tires pass outside of the range of the spray pattern the 4-way air valve should deactivate, allowing the manifold to return to its forward position. The plastic air valve can be adjusted to prevent the manifold from slamming against the stop.
4. Position #4. As the rear tires come in range the 4-way air valve should be activated and the Omni manifolds should track the rear tires as they pass by.
5. Position #5. As the rear of the vehicle passes outside of the range of the spray pattern the 4-way air valve should deactivate, allowing the manifold to return to its forward position. High pressure water pump and the hydraulic power pack should also shut down unless there is another vehicle within 10' of coming into range.

For Top and Side Window Manifolds set the programming as follows

1. Position #1. The high pressure water pump and hydraulic power pack start operating 2 feet from the front of the vehicle with the top and side window Omni manifolds facing the oncoming vehicle.



## Owner's Manual Omni Wash Arches

2. Position #2. After the windshield moves out of range of the spray pattern the 4-way air valve for the top Omni manifold should activate and the manifold should move to the rear facing position to clean the rear window as it passes. The needle valve on the air/fluid reservoir can be adjusted to control the speed of the tracking to occur quick enough to get the rear window on a pickup truck.
3. Position #3. As the rear of the vehicle passes outside of the range of the spray pattern the 4-way air valve should deactivate, allowing the manifold to return to its forward position. High pressure water pump and the hydraulic power pack should also shut down unless there is another vehicle within 10' of coming into range.

For Mirror Blaster Option set the programming as follows

1. The 2-way high pressure water valve should switch the high pressure water from the top Omni manifold to the Mirror Blaster Option as the vehicle's mirrors come within range of the Mirror Blaster nozzles.
2. With the proper adjustments to timing and aiming of the nozzles the mirror rinse could happen at the same time the top manifold is being rotated from the front facing position to the rear facing position. This would reduce the loss of cleaning action on the roof of the vehicle.

Speed and Torque Adjustment (where applicable)

1. Hydraulic
  - a. The speed can be adjusted on the flow control for the power pack.
  - b. To increase the speed move the handle on the flow control closer to the number 10.
  - c. To decrease the speed move the handle on the flow control closer to the number 1.
  - d. The torque must be set prior to operation and should be set between 600 and 900 PSI. For information on how to set the torque please refer to the Hydraulic Power Pack Manual.
2. Electric
  - a. The speed can be adjusted on the Variable Frequency Drive (VFD).
  - b. To increase the speed adjust the Hertz on the VFD to a higher number.
  - c. To decrease the speed adjust the Hertz on the VFD to a lower number.
  - d. The Overload on the Motor Starter protector(s) must be set at the lowest level to allow for operation. Adjust the amps in accordance with motor(s) name plate.



## **\*GENERAL OPERATION\***

### **Omni Manifolds**

Starting and stopping Omni manifold oscillation is controlled by the Customer's equipment programmer signal to the motor starter coil controlling three phase powers to the Customer's hydraulic power pack that is plumbed to the hydraulic motors. The speed of the oscillation of the motor(s) being driven may be changed by the flow control valve on the hydraulic power pack.

The needle valves on the reservoir and cylinder can be adjusted to track the wheels of the vehicle accurately increasing the cleaning time on the wheels.

### **Lubricants**

Using lubricants like WD40 or any similar products on your Mac Valves and/or FRL's (FILTER REGULATOR LUBRICATOR) will void the manufacturer's warranty. A non-detergent Class 1 ISO VG32 oil is recommended for use on all lubricator bowls . This will ensure the airlines are properly lubricated and the polycarbonate bowls last beyond their one year warranty period.



## **\*PREVENTIVE MAINTENANCE\***

### **DAILY**

1. Check all lines and fittings for leaks. Repair, or replace, as needed.
2. Check for proper operation, listening for any unusual noises and checking for proper tracking.

### **WEEKLY**

1. Carefully check the reservoirs and air cylinders; and ensure the reservoirs are at least  $\frac{1}{4}$  full when the cylinder is fully extended.
2. Inspect the spray nozzles for excessive wear, replace if necessary.

FOR THE FIRST MONTH OF OPERATION CHECK ALL HYDRAULIC FITTINGS FOR TIGHTNESS EACH WEEK. PERFORM THIS INSPECTION TO THE SCHEDULE SHOWN BELOW AFTER THE FIRST MONTH OF OPERATION.

### **MONTHLY**

1. Check all plastic bushings for wear and schedule replacement if necessary.
2. Inspecting all hardware and fittings for tightness.
3. Thoroughly clean the framework and manifolds.

### **ANNUALLY**

1. Drain, flush and refill fluid in the reservoir and air cylinder, use Grade ISO #32 oil or Non-toxic Antifreeze.

## \*PARTS\*

### Hydraulic Motors

- Torqmotor TE Series
- SAE O-Ring Ports



Item #	Description	Price
40010921	Parker Hyd Motor TE0100FS100AAAC MF0609R	\$320.46
40011177	Char-Lynn Hyd Motor 5.7 CL3586 MF0609R	308.09
10000961	Connector 6400-8-10 JIC 1/2in x 7/8-14in	1.48
10000880	Connector 2404 M JIC 1/2in x 1/2in MPT	1.32
10005402	Bolt, Hex 3/8-16in x 1in SS 37C100HCSS	0.47
10001487	Washer, Split Lock 3/8in Zinc 37NLOC0Z	0.13

### Drive Blocks



Item #	Description	Price
20011105	Omni Dr Block 1in Thick Side Blaster Kit	\$73.50
20011115	Omni Dr Block 2in Thick Wheel Blaster Kit	58.99
20011106	Omni Drive Block Top Blaster Kit	42.53

### Drive Arm Manifold



Item #	Description	Need	Price
20001907	Omni, Drive Arm for Assembly Only	1	\$72.45
20011097	Omni Drive Clamp 2in x 6in x 1in Kit	1	51.45
20000572	Bushing 5/8in I.D. for Omni Drive Arm	-	4.95

### Dual Manifold Connector



Item #	Description	Need	Price
20010494	Omni Manifold Connector 1/2 x 2 x 14in	1	\$70.35
20011097	Omni Drive Clamp 2in x 6in x 1in Kit	2	51.45
20010993	Omni Drive Arm Pin w/Nut & Washer	-	10.89

### Oil Reservoir



Item #	Description	Price
10006690	Oil Reservoir AOR2053-3 Maximum 80PSI	\$86.43
10005750	Flow Control EF25B Deltrol 3/8in FPT	46.29
10002183	Elbow 28-268 Brass 3/8in MPT x 3/8in MPT	3.89
10003010	Elbow 20-084 Swivel 3/8 Tube x 3/8 MPT	8.31
10002001	SMC KQ2L11-35AS Elbow 3/8" T x 1/4" MPT	3.05
10003012	Oil Reservoir Repair Kit 24428	5.94

### Cylinder



Item #	Description	Price
10006688	Cylinder, A550 1.5in Bore x 6in Stk SMC	\$95.19
20001642	Clevis Female Eye w/3/8in Pin x 2-1/4in	24.61
10002001	SMC KQ2L11-35AS Elbow 3/8" T x 1/4" MPT	3.05
20001570	Rod Eye Male w/5/16in x 2-3/4in Pin	22.40

### Air Flow Control & Adapters



Item #	Description	Price
10005134	ARO Flow Control F03 Air Valve 3/8in FPT	\$29.44
10002282	Connector 20-058 3/8in Tube x 1/4in MPT	3.51
10000789	Nipple 28-212 Hex 1/4in MPT x 1/4in MPT	0.88

### Pivot Shaft, Bearing & Collar



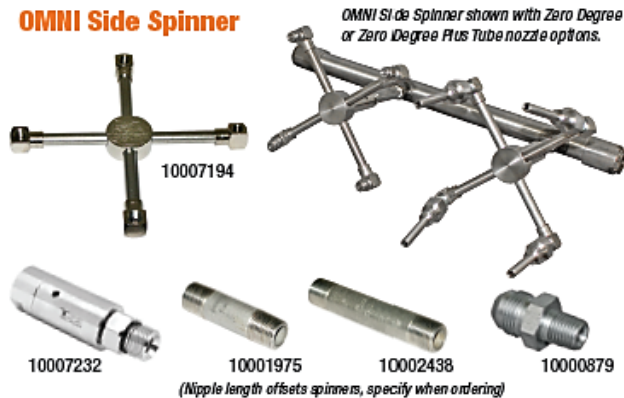
Item #	Description	Price
10004301	Omni Pivoting Shaft SS 1in x 20.75in	\$30.84
20007266	Bearing 2 Bolt 1in Bore for Mitter Axle	8.98
10002664	Collar 1PC Clamp 1in ID Zinc Plated	6.66
10002826	Nut, Hex Stover-Lock 3/8-16" Zn 37CNLS0Z	0.33
10003875	Bolt, Hex 3/8-16 x 3-1/4 Zc 37C325HCS5Z	0.74

## OMNI 2-Hole Manifold




Item #	Description	Price
20004952	Omni 2 Hole Spinner Manifold Weldment	\$174.10

## OMNI Side Spinner



Item #	Description	Price
10007194	T-Bar 89.731 4 Arm 1/4 F Outlet 8x8in	LOG ON
10007232	Swivel 36.163 DXL 3/8in FPT x G3/8 M	LOG ON
10001975	Nipple 60-042 304 SS 3/8in x 2in	\$2.51
10002438	Nipple 60-044 304 SS 3/8in x 3 in	3.47
10000879	Connector 2404 M JIC 1/2in x 1/4in MPT	0.72

Nozzle options featured on the right of this page.



## 1-1/2in O.D. Rubber Stop

- Rod course thread 1/2-13in
- 1-1/2in stud length

Item #	Description	Price
10002240	Rubber Stop 1.5in O.D. x 1.25in Length	\$5.51




## Manifold Bearing & Collar

Item #	Description	Price
20003729	Bearing 2 Bolt 1-1/2in Bore for Omni	\$9.29
10003082	Collar 2pc Clamp 1-1/4in ID Zinc Plated	8.49
10004230	Bolt, Hex 3/8-16 x 2-1/4 Zc 37C225HCS5Z	0.34
10002826	Nut, Hex Stover-Lock 3/8-16" Zn 37CNLS0Z	0.33
10001333	Washer, Flat SAE 3/8" Zn 37NWSA0Z	0.15

## OMNI 10-Hole Manifold




Item #	Description	Price
20004128	Omni 10 Hole Universal Manifold Weldment	\$216.28

## Zero Degree Plus Tube Nozzle Kits

- Aerates the water stream
- Increases water impact
- Provides maximum cleaning
- Order elbow forged adapter separately
- **Kit includes:** Tube and nozzle




Item #	Description	Price
20002212*	Nozzle Kit, Omni/Spinner w/02 Nozzle Tip	\$45.00
10005836**	Nozzle Kit, Omni/Spinner w/04 Nozzle Tip	45.00
20001261	Nozzle Tube, Stainless Steel	37.37
10003361*	Nozzle, Wash Jet 0002 EG	9.09
10003364**	Nozzle, Wash Jet 0004 EG	9.09
10001888	Elbow, Forged 1/2in M JIC x 1/4in MPT	3.23

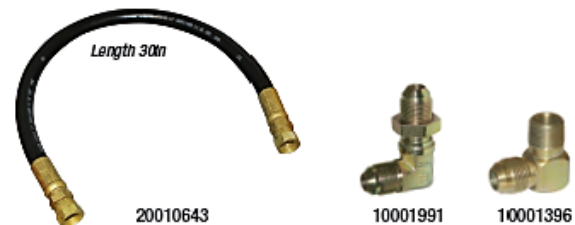
\* One pump configuration \*\* Two pump configuration

## Zero Degree Nozzles



Item #	Description	Price
10002083	GP Nozzle, HSS 0° 900020M 1/4in MPT	\$2.76
10002085	GP Nozzle, HSS 0° 900040M 1/4in MPT	2.76

## Manifold Water Hose & Fittings

Item #	Description	Price
20010643	Omni, Manifold Water Hose 30" F 1/2" JIC	\$43.10
10001991	Bulkhead 2701-8 Elbow Male JIC 1/2in	2.55
10001396	Elbow 2501-8-8 M JIC 1/2in x 1/2in MPT	2.66



## **\*WARRANTY\***

### **SONNY'S ENTERPRISES, INC. FACTORY LIMITED LIFETIME WARRANTY**

Equipment manufactured by SONNY'S ENTERPRISES, INC. is warranted to be free from defect in material and workmanship. Welded metal framework and other non-moving, non-wearable fabricated metal components manufactured by SONNY'S are warranted for the life of the equipment to the original purchaser. Fabricated metal wearable surface and moving components manufactured by SONNY'S are warranted for a period of one (1) year to the original purchaser of the equipment.

All components assembled to SONNY'S equipment that are manufactured by others are warranted by the appropriate manufacturer and subject to that manufacturer's limited warranty. Contact SONNY'S for the specific information on other component manufacturer's warranty terms. All new cloth shipped with new SONNY'S equipment is warranted for a period of one (1) year or 80,000, whichever occurs first.

This warranty is not assignable or transferable. The warranty period begins the first day following installation or 30 days from the original invoice date, whichever occurs first. The Seller's liability shall be limited to repair or replacement of materials found to be defective within the warranty period. In the event of repair or replacement this limited warranty is noncumulative. The Purchaser must supply the Seller with immediate written notice when any defects are found. The Seller shall have the option of requiring the return of defective material to establish the Purchaser's claim. Neither labor nor transportation charges are included in this warranty. Transportation damage claims are to be submitted to the carrier of the damaged materials.

This warranty is based upon the Purchaser's reasonable care and maintenance of the warranted equipment. It does not apply to any equipment which has been subject to misuse, including neglect, accident or exposure to harsh chemicals or chemicals that react violently with water, organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), oxidizing agents (e.g. peroxides), and metals (e.g. aluminum). Chemicals corrosive to aluminum alloys, carbon steel, and other metals. Nor does it apply to any equipment which has been repaired or altered by anyone not so authorized by SONNY'S. Further, the equipment must be properly installed with proper accuracy of all specified plumbing, electrical, and mechanical requirements. This warranty does not apply to normal wear and tear or routine maintenance components.

EXCEPT AS EXPRESSLY STATED HEREIN, SONNY'S SHALL NOT BE LIABLE FOR DAMAGES OF ANY KIND IN CONNECTION WITH THE PURCHASE, MAINTENANCE, OR USE OF THIS EQUIPMENT INCLUDING LOSS OF PROFITS AND ALL CLAIMS FOR CONSEQUENTIAL DAMAGES. THE LIMITED WARRANTY EXPRESSED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. SONNY'S NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION HEREWITH.



## **\*CUSTOMER SERVICE\***

Please contact SONNY'S Equipment Department for installation and/or operational questions regarding this piece of equipment.

Please refer to the Parts Catalog and contact SONNY'S Customer Service Order Entry Department for any replacement parts for this piece of equipment.

You can also visit the web at [www.SonnysDirect.com](http://www.SonnysDirect.com).

### **DEPARTMENT**

Toll Free Main Line  
Equipment Department

### **PHONE NUMBERS**

800-327-8723  
954-720-4100

### **FAX NUMBERS**

800-495-4049  
954-720-9292

Or you can email Sales at [sales@SonnysDirect.com](mailto:sales@SonnysDirect.com)

*Thank you for being a SONNY'S car wash equipment owner!*

*From all of us here at*

