



INSTRUCTION MANUAL FOR MODEL
SKATE WHEEL CONVEYOR

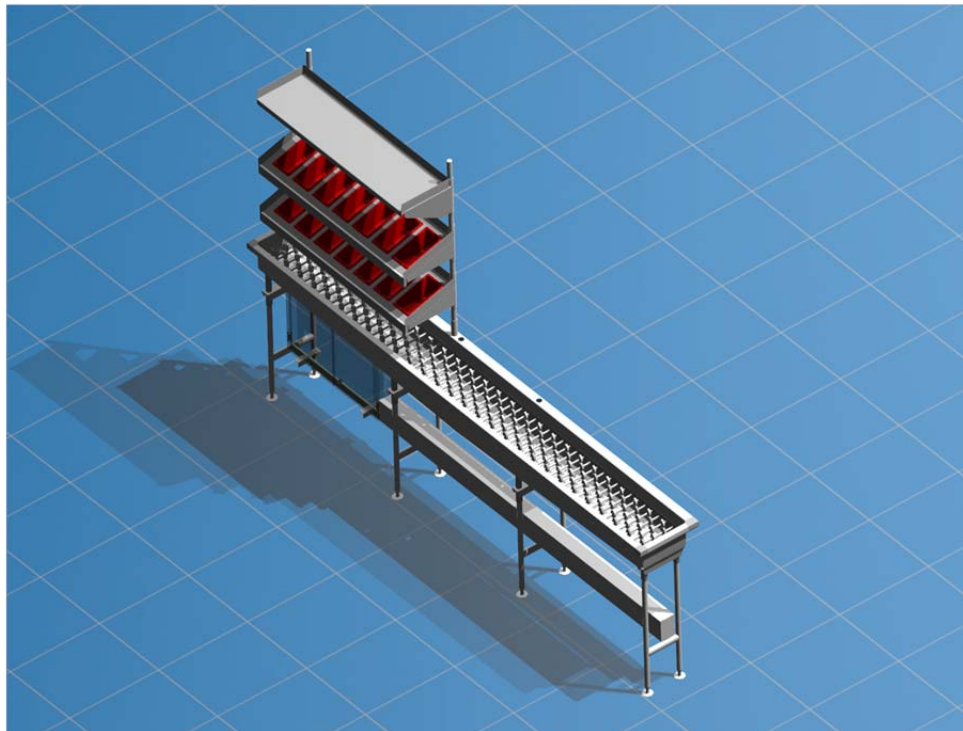


TABLE OF CONTENTS

1. OPERATION_____	3
1.1. SKATE WHEEL_____	3
1.1.1. GENERAL INSTRUCTIONS_____	3
2. TROUBLESHOOTING_____	5
3. SKATE WHEEL CONVEYOR PARTS_____	6
4. WARRANTY FOR MODEL SKATE WHEEL CONVEYOR_____	8
4.1. WARRANTY PERIOD_____	8
4.2. GENERAL_____	8
4.3. WARRANTY COVERAGE_____	9

INSTRUCTION MANUAL FOR MODEL SKATE WHEEL CONVEYOR SYSTEM

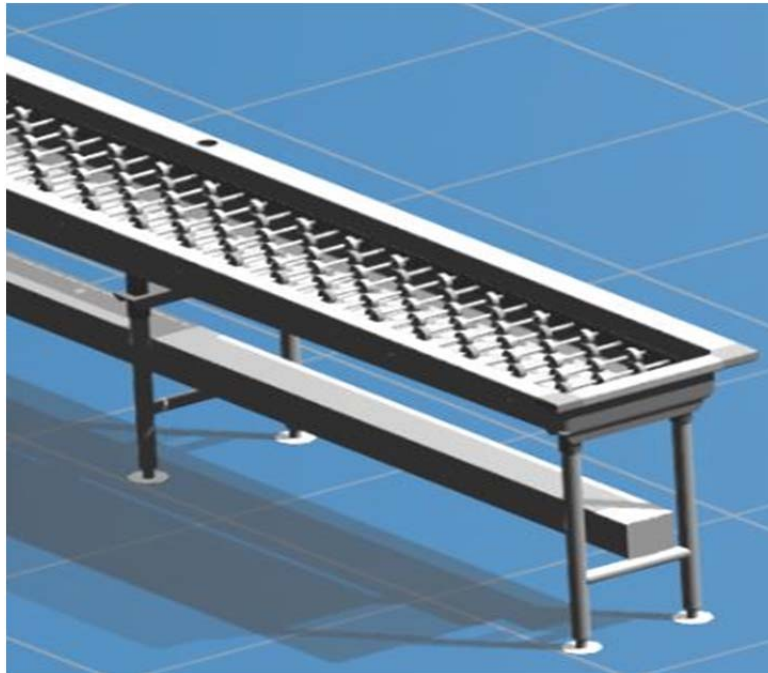
1. OPERATION

1.1. SKATE WHEEL

Skate Wheel Conveyor is non-motorized conveyor. The Skate wheel Conveyor is designed to pass dish racks on the soiled dish table to a dishwasher. The Skate Wheel Conveyor is located at the soiled dish table to convey soiled trays as they travel across the dish table over a waste trough.

1.1.1. GENERAL INSTRUCTIONS

1. The Skate wheel Conveyor has no electrical components.



PROPER ORIENTATION OF SKATE WHEEL SECTIONS

2. Skate Wheel bearings are plastic and have a labyrinth seal. The ball bearings inside are stainless steel. The Skate Wheel must be hosed down frequently to ensure each Skate Wheel turns freely.
3. The Skate wheels are mounted in easily removable frames to facilitate cleaning.
4. Ensure that the Skate Wheel conveyor sections are mounted correctly on the mounting brackets provided on the soiled dish table. Since the soiled tray rides upon the Skate Wheel sections, it is necessary to have them correctly aligned. Skate wheels are constructed either with PVC or stainless steel. B-133 bearings are used for PVC Skate Wheel and B-131 bearings are used for stainless Skate Wheel.
Both of these bearings are maintenance free. However worn or damaged Skate Wheels must be replaced.

Note: After cleaning the removed PVC Skate Wheel section, it should be replaced in position with the correct orientation. (The Skate Wheel surface should project above the frame of the PVC Skate Wheel section)

1.1.2. GENERAL INSTRUCTION – SKATE WHEEL

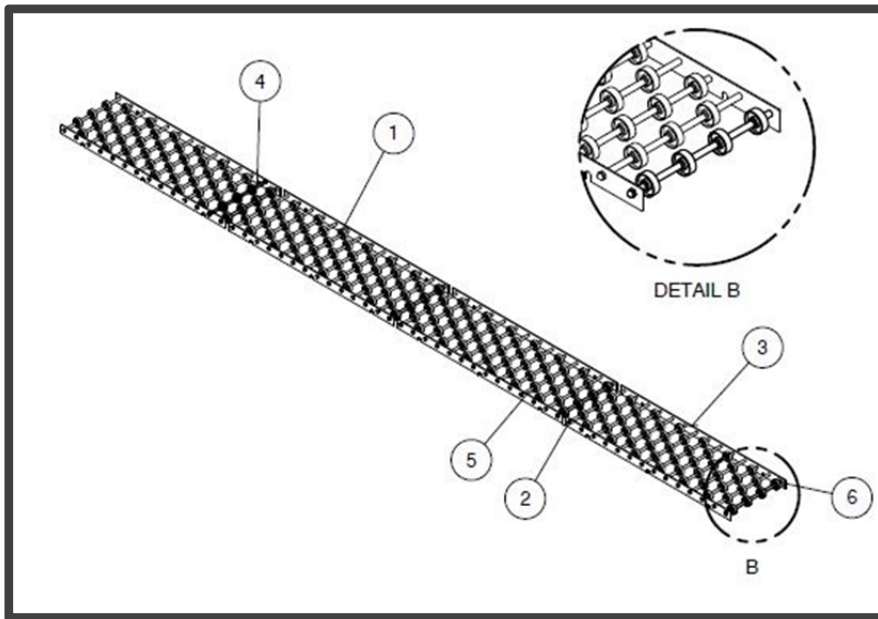
1. Hose down the system on a daily basis.
2. No daily service is required except to ensure that the Skate Wheel are clean and run freely to smoothly convey dish racks exiting the dish machine.
3. After cleaning the removable Skate Wheel sections make sure that they are replaced in their correct position. Incorrect fitting will impede the movement of dish racks.
4. The Soiled Dish Table is equipped with either stainless steel or PVC Skate Wheel. Stainless steel Skate Wheel use B-31 bearings where as PVC Skate Wheel use B-133 bearings. Both these bearings are maintenance free. However they may require replacement in when worn or damaged.

2. TROUBLEHOOTING

PROBLEM MECHANICAL	PROBLEM CAUSE	SOLUTION
Skate Wheel do not turn freely.	The bearings of shaft may be damaged. The Skate Wheel tube itself may be warped.	Replaced damaged component. Replaced the Skate Wheel tube.

Note: Do not attempt to replace an old Skate Wheel with a new bearing/shaft or vice versa. The bearings are press fitted into the tubes at Aerowerks, using an appropriate assembly tool. It is very difficult to achieve the desired fit by manual assembly.

3. MODEL PVC - SKATE WHEEL CONVERYOR PARTS



ITEM NO	DOCUMENT NUMBER	TITLE
1		SKATE WHEEL
2	8302102	#5/16-18 ACORN (CAP) NUT
3	C5023311	GRC STRIP
4	C5023321	SHAFT, \varnothing 5/16-18 UNC
5	C5023323	SPACER - 01
6	C5023331	SPACER - 02

GRC SKATE WHEEL CONVEYOR PARTS LIST

4. WARRANTY SERVICE & PARTS POLICY FOR MODEL PVC SKATE WHEEL

4.1. WARRANTY PERIOD

Aerowerks warrants its products to the original purchaser against any defects in material and workmanship, under normal use and service for a period of one year after the date of installation by Aerowerks personnel or an Aerowerks authorized agent.

4.2. GENERAL

Aerowerks is not liable for any damage due to faulty installation or unauthorized alteration, misuse or abuse of the equipment. Liability or obligation in connection with the products of Aerowerks other than those covered by this warranty is not authorized by Aerowerks. This warranty is limited to the United States and Canada.

HOW TO HANDLE A WARRANTY CALL

Please contact Aerowerks Customer Support Staff at **1-888-774-1616 ext. 0** for all concerns regarding Aerowerks equipment. Hours of operation are 8:00 am to 4:30 pm EST.

Please Note: Aerowerks will cover the cost of the service call only; overtime charges will be the customer's responsibility. The claim must be submitted to Aerowerks immediately for validation.

4.3. WARRANTY COVERAGE

It is important to follow the proper operation and maintenance procedures outlined in this service manual, so that your new Aerowerks System will provide years of trouble-free operation. Failure to follow proper operating and maintenance procedures will void the warranty of your equipment.

Please review this complete manual for operation, clean-up and maintenance procedures.

The obligation of Aerowerks under this warranty is to repair or replace any defects in the equipment. All the services covered under the warranty will be provided by Aerowerks during regular working hours. All claims against this warranty must be made in writing to Aerowerks. Equipment must be serviced either by Aerowerks technicians or agents authorized by Aerowerks. All warranty parts will be shipped to the client via regular ground transportation.

The following are not covered under this warranty:

Normal wear on parts including Skate Wheels, shafts, bushings/bearings are not covered under warranty. Aerowerks is not liable for any damage caused by faulty installation or mechanical failure caused by unauthorized alteration, misuse or abuse of the equipment.

