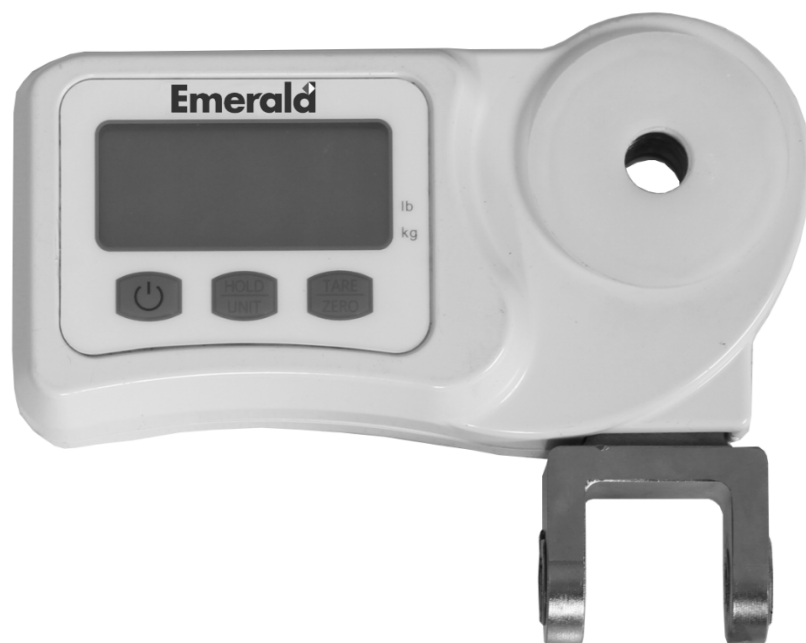


Emerald

Patient Lift Scale

Model: 72600



User Manual

DEALERS: This manual must be given to the user of the patient lift.

USER: Before using this patient lift scale, read this manual and save for future reference.

CAUTION: Do not attempt to adjust or use patient lift scale without carefully reading all instruction in this manual.

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General Information

Safety Precautions

Perform all lift procedures as described in your user manual. Always check that all parts are safely attached and secured prior to attempting a lift.

Prior to assembly, please ensure all parts are present. Then follow the step-by step instructions.

Do not overload the scale. The maximum weight capacity is 1100 lb. Exceeding the weight capacity can cause damage to the loadcell and void the warranty.

Before use, inspect the shackles, sling bar/cradle and all clips, pins and screws regularly.

Check batteries frequently and replace as needed.

Gently and slowly rotate the load rather than the scale, if needed.

Do not use near water or get the scale wet.

Store the scale in a dry, well-ventilated room.

Do not place the scale directly on the floor.

Do not attempt to repair the scale. Contact your representative.

Radio Frequency and Interference

Most electronic equipment is influenced by Radio Frequency Interference (RFI). Caution should be exercised with regard to the use of portable communication equipment in the area around such equipment. If RFI causes erratic behavior, switch the power off immediately. Do not turn the power switch on while transmission is in progress.

Disposal

This product has been supplied from an environmentally aware manufacturer.

This product may contain substances that could be harmful to the environment if disposed of in places that are not appropriate according to legislation.

Please be environmentally responsible and recycle this product through your recycling facility at its end of life.

Technical Specifications

These are average values, which may vary according to manufacturing tolerances.

Model 72600		
Specifications	Accuracy	Chinese GB/T 11883-2017 Class III Equivalent to OIML R76
	Tare Range	100% F.S.
	Auto Zero	±100% F.S.
	Manual Zero	±50% F.S.
	Zero-tracking	0.5 e/s
	Stable Time	≤10 sec.
	Auto-sleep	Stable and no action in 3 sec.
	Auto-off	Stable and no action in 3 sec.
	Overload	100% F.S. + 9e
	Max. Safety Load	120% F.S.
	Ultimate Load	300% F.S.
	Battery	3 AA batteries
	Display	0.7" (17.78 mm) numerical
	Operating Temp	-10°C ~ +40°C
	Operating Humidity	20°C ≤90%
Weight Capacity	Max. Weight	1100 LB
	Min. Weight	10 LB
	Res.	0.5 LB
	Division	2,000

Note: This scale is powered by 3 AA 1.5V batteries. Batteries are not included; please purchase separately.

Equipment Assembly

Use only parts supplied by Emerald Supply, Inc. for assembly to ensure correct alignment of all parts for safe operation.

Handling Procedures

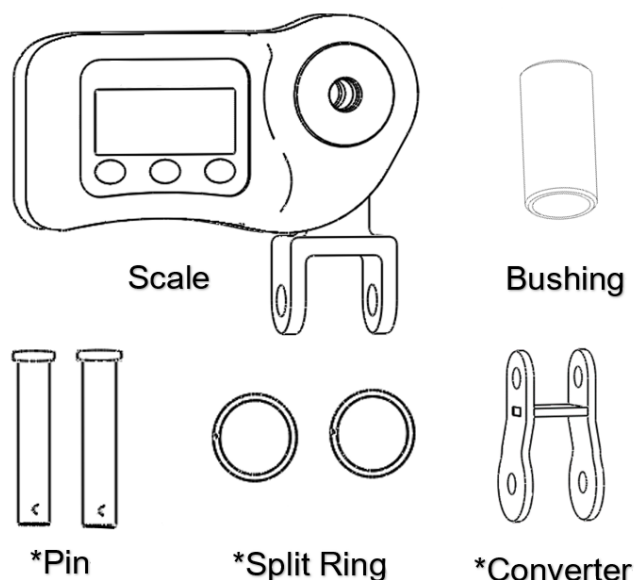
Check for any obvious damage to the carton. If damage is evident, notify the carrier and the dealer.

Carefully unpack the components from the shipping cartons.

Inspect all components. Examine exterior of the patient lift scale and parts for nicks, dents, scratches or damages.

Components

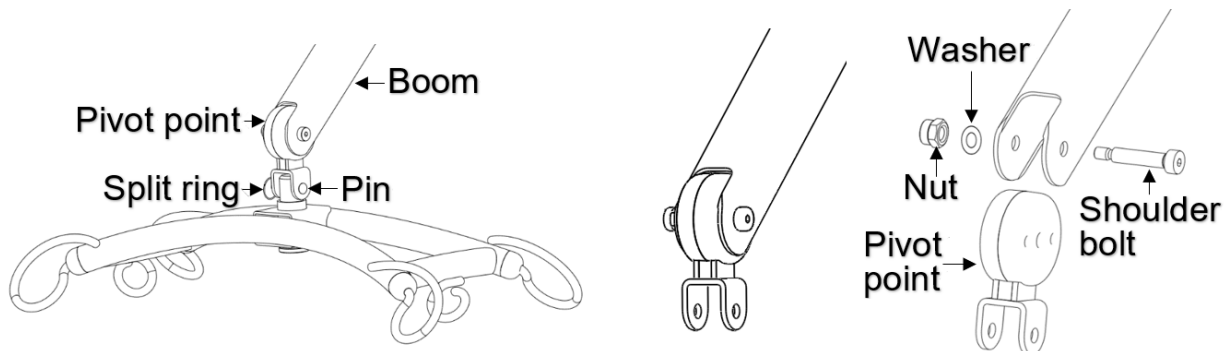
Components Description	Piece
Scale	1
Bushing	1
*Pin	2
*Split Ring	2
*Converter	1



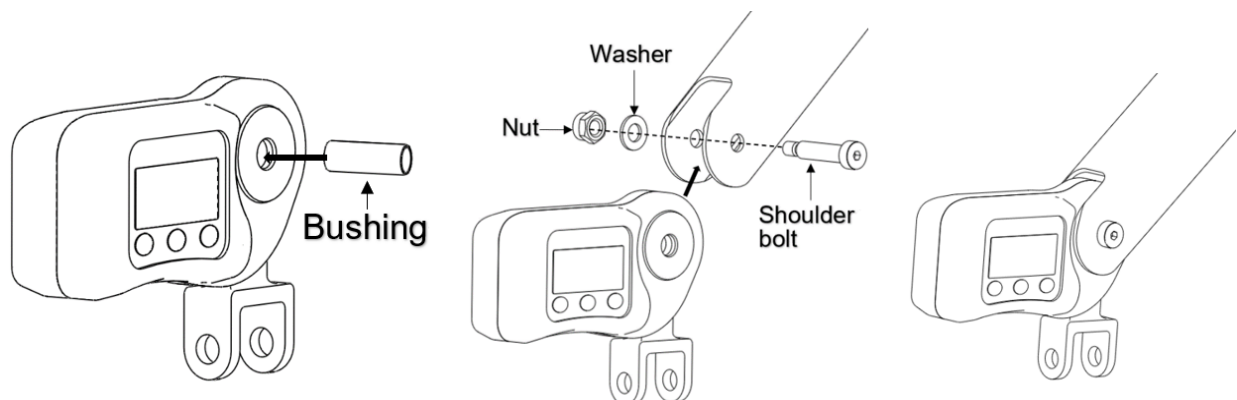
Note: This scale is powered by 3 AA 1.5V batteries. Batteries are not included; please purchase separately.
Components marked with * are only applicable to EasyRise 71000.

Assembling the Scale to EasyRise Model: 70500 and 71700

1. Take out the pin and split ring to remove the swivel bar from the boom.
2. Remove the pivot joint from the end of the boom using a spanner and hex wrench. Keep the shoulder bolt, washer and nut for later use.



3. Take the scale and insert the bushing.
4. Insert the shoulder bolt, attach the washer and hand-tighten the nut to secure the scale to the bracket at the end of the boom. Ensure the scale is installed in the correct orientation.

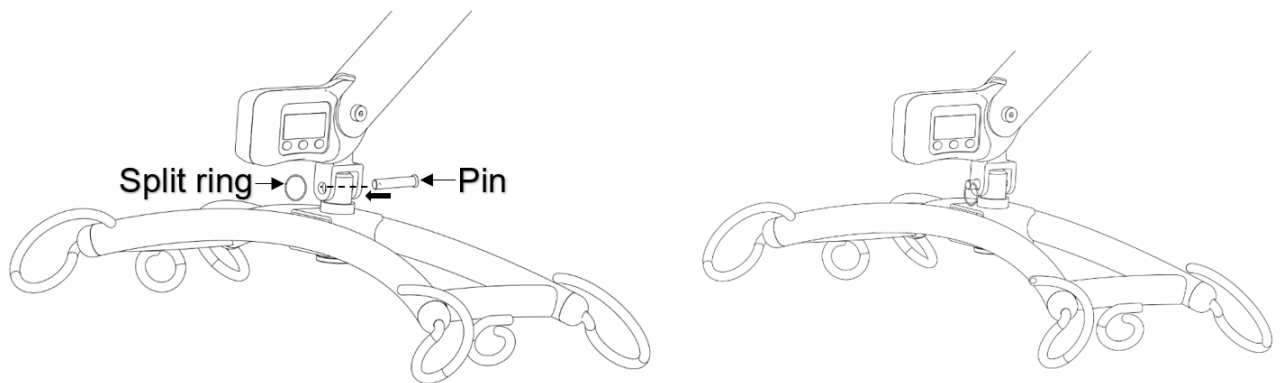


WARNING

Ensure the washer is flush against the nut.

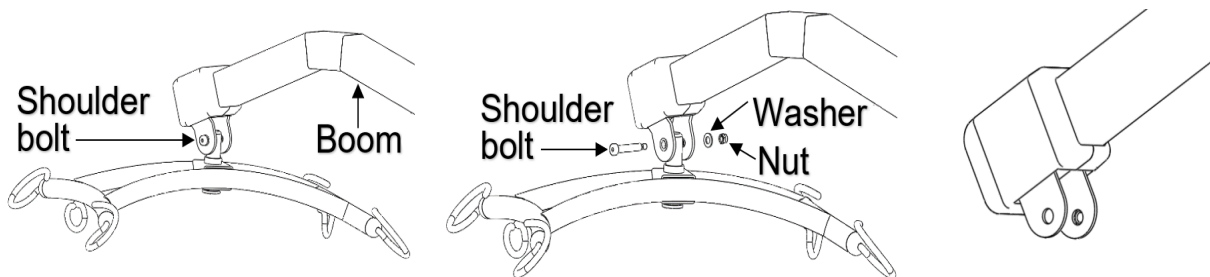
Incorrect placement of the washer may result in an unstable connection, leading to the bracket damage and potential injury.

5. Take the swivel bar, connect it to the scale and secure them using a pin and split ring.

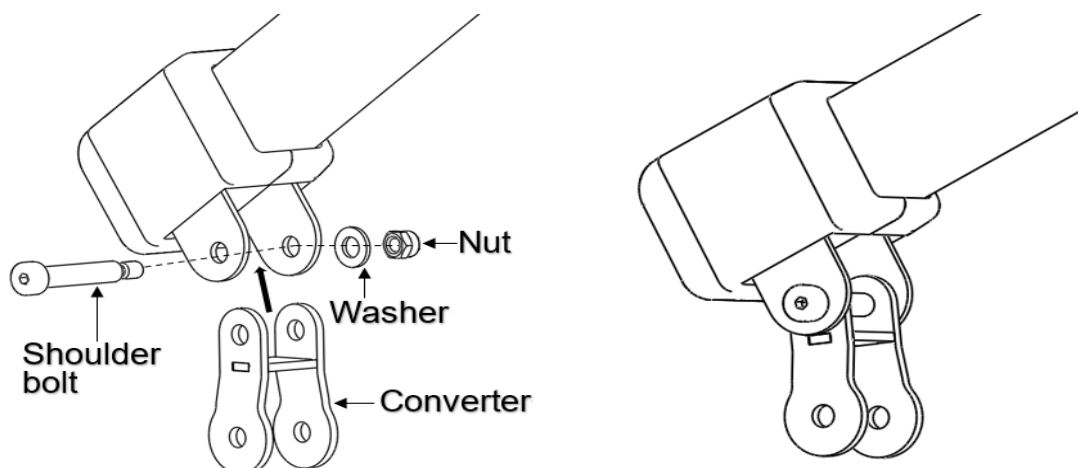


Assembling the Scale to EasyRise Model: 71000

1. Loosen the shoulder bolt, washer and nut to remove the swivel bar from the boom. Keep the shoulder bolt, washer and nut for later use.



2. Insert the shoulder bolt, attach the washer and hand-tighten the nut to connect the converter to the bracket at the end of the boom.

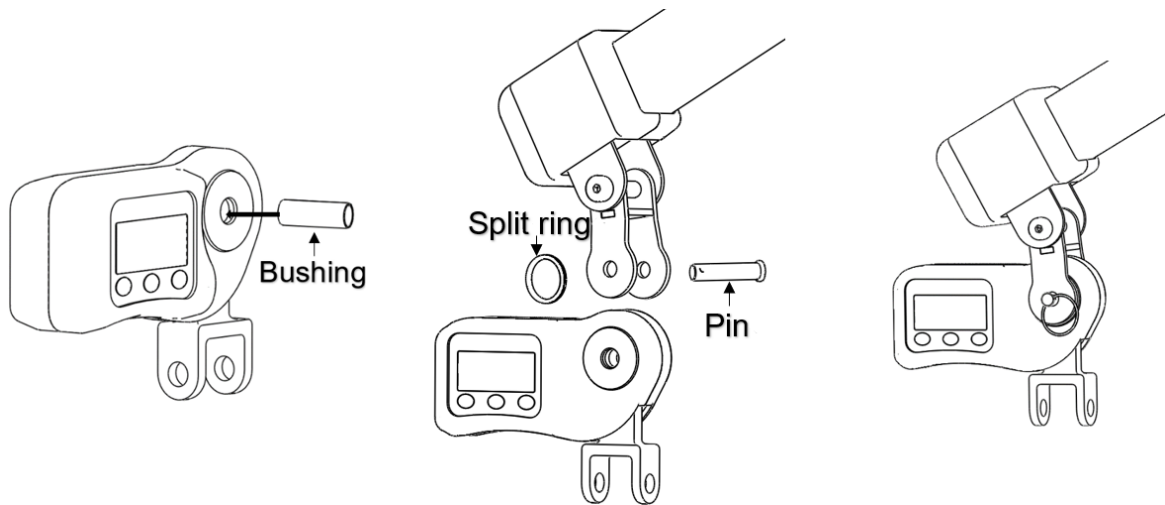


 **WARNING**

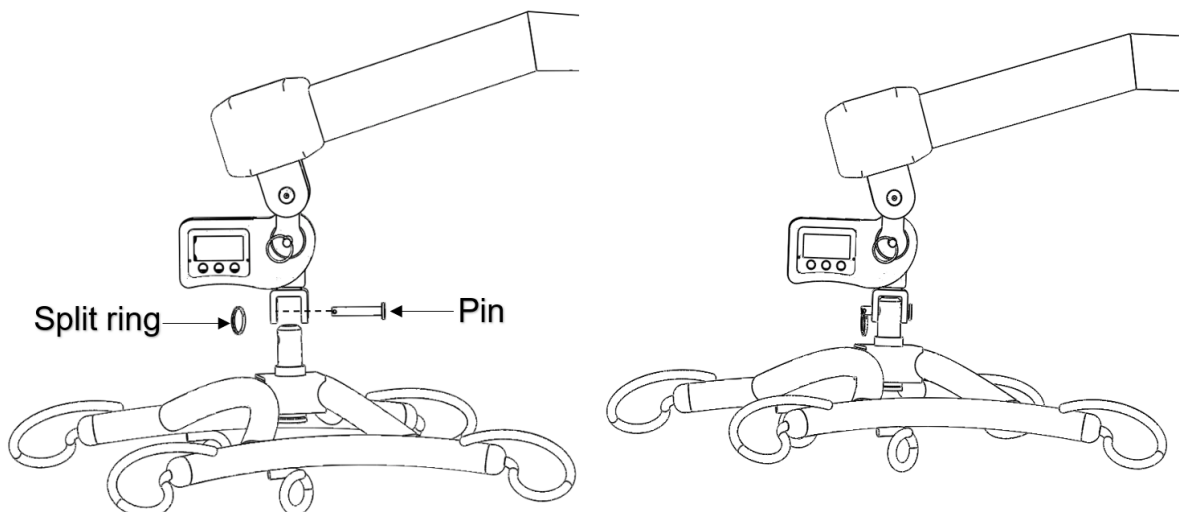
Ensure the washer is flush against the nut.

Incorrect placement of the washer may result in an unstable connection, leading to the bracket damage and potential injury.

3. Take the scale and insert the bushing.
4. Secure the scale to the bracket at the end of the boom using the pin and split ring. Ensure the scale is installed in the correct orientation.






5. Take the swivel bar, connect it to the scale and secure them using a pin and split ring.



Equipment Operation

Display and Keys

Scale Keys

Key	Name	Function
	On/Off	Press Once: Cancel and return to weighing mode Press & Hold: Power On/Off
	Tare	Press Once: Tare in/out; Confirm & next Press & Hold: Zero
	Hold	Press Once: Lock/unlock; Change options Press & Hold: Unit Switch

Indicators:


LED	Name	Note
STB	Stable	Shown when weight is stable
ZERO	Zero	Shown when weight is at zero
TARE	Tared	Shown when scale is tared
HOLD	Hold	Shown when scale is locked
LB	LB	Shown when unit is pound
KG	KG	Shown when unit is kilogram
UN	UN	Shown when unit is set to User Unit


Messages:

Message	Satnd for	Note
----		Detect weight
SETUP	Set up	User setup menu
off	Off	Power off
End	End	Save and exit
A=	Auto-Zero	Automatically set the diplay to zero when the power is on
n=	Manual-Zero	Manually set the display to zero
bLoFF	Backlight	Provides illumination so the display is visible
ouEr	Overload	Overloading
Err	Error	Invalid operation

Operation


Power On/Off:

Press and hold  to turn on the scale. The scale performs an initialization test, 8.8.8.8.8. blinks twice followed by the weight detection -----.
The scale will auto set to 0.0.


Press and hold  to turn off the scale. The scale will start to power down and then the OFF message will appear. The display screen will turn off.

Note: The scale will automatically turn off when the batteries life is low. The batteries will need to be replaced before the scale can be used again.

Zero:


Press  once for 0.0 to be displayed. If the Err message is shown, it means the load is in motion, tared or out of manual-zero range.


Tare In/Out:

In gross mode, press  once to tare in; TARE will display. If the load is in motion, showing a negative reading, or out of the tare range, Err will display.


In net mode, press  once to tare out; TARE will disappear.

Lock/Unlock:

Press  to lock screen. HOLD displays.

Press  to unlock screen. HOLD disappears.

Unit Switch:

Press and hold  to switch the scale between kilograms, pounds and user unit. When in kilogram mode, KG will display, pound mode, LB will display and user unit mode, UN will display.



Note: The function of Unit Switch is not allowed when the scale is tared or hold.

User Setup:

Press and hold  +  at the same time to access the user setup menu.



Press  to exit the user setup.

Auto-Off (Idle Mode):

Press  to select Auto-Off option and press  to change timing value. Auto-off timing can be set to: 0 (disabled), 5 (5mins), 15 (15mins), 30 (30mins) and 60 (60mins).

Note: By default, the auto-off timer begins to count down when the load is stable and there is no action. By pressing any key or when motion is detected, the scale will re-start the timer countdown. The Auto-Off function helps to maximize the life of the batteries.



Backlight:

Press  to select Backlight option and press  to change the brightness value.

Backlight brightness can be set to: off (disabled), 5 (5 secs), 15 (15 secs), 30 (30 secs), 60 (60 secs) and always on.



Note: Using the dim backlight mode will help maximize the life of the batteries.

Auto-zero:

Press  to select Auto-Zero option and press  to change the setting.


Note: Auto-Zero can be set to 0 (disabled), 2 (2%F.S.), 4 (4%F.S.), 10 (10%F.S.), 20 (20%F.S.), 50 (50%F.S.) and 100(100%F.S.).

Manual-Zero:

Press  to select Manual-Zero option and press  to change the settings.

Note: Manual-Zero can be set to 0 (disabled), 2 (2%F.S.), 4 (4%F.S.), 10 (10%F.S.), 20 (20%F.S.), 50 (50%F.S.).

Overload Counter:

Press  to select Overload counter option. The overload counter will record the number of overloads each time the load exceeds 125% F.S.

Battery Maintenance

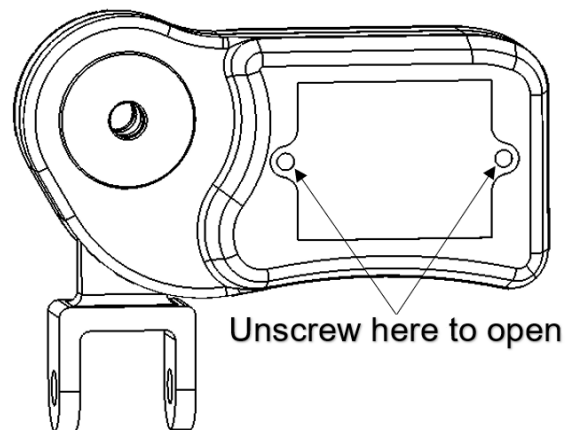
This scale is powered by 3 AA 1.5V batteries. Batteries are not included; please purchase separately.

The battery compartment can be opened by unscrewing the 2 screws on the back panel.

To maximize the life of the batteries, please note the following maintenance guide:

Normal battery life is about 65 hours depending on the backlight brightness setting.

Batteries should be stored between -20 C (-4 F) to +50 C (122 F) for maximum battery life.



Troubleshooting Guide

Symptoms	Possible Faults	Possible Solutions
Not powering on when power button is pressed.	Discharged /defective battery.	Check battery and replace.
	Defective On/Off key	Press harder and keep pressing for 2s.
	Defective mainboard	Contact your supplier.
Backlight flashes.	Discharged battery.	Replace battery.
No action taken after key pressed.	Scale is disturbed.	Contact your supplier.
	Defective key.	Contact your supplier.
Weight reading not stable.	Load in motion.	Keep load stable.
	Damp loadcell or mainboard.	Dry loadcell or mainboard.
	Defective mainboard.	Contact your supplier.
Weight reading not zero when no load.	Discharged battery.	Replace battery.
	Loadcell stressed too long.	Hang scale in storage.
	Loadcell drifts	Contact your supplier.
Large error in weight reading.	Scale not zeroed before applying load.	Manual Zero scale before loading.
	Wrong unit.	Switch to correct unit.
	Scale requires calibration.	Contact your supplier.
	Defective loadcell or mainboard.	Contact your supplier.

If problems persist following the above remedial procedures, please contact your dealer or the manufacturer.

Limited Warranty

The Manufacturer warrants to the original user (Customer) all products manufactured by the Manufacturer to be free from defects in material and workmanship under normal use and service for a period as specified below. If such a defect appears and Customer has given immediate written notification of same, the Manufacturer shall replace or repair such part at the Manufacturers option. The Manufacturer will require the return of the defective part to establish the claim. The Manufacturer's obligation under this warranty shall be limited to said replacement and/or repair. Installation and freight costs for replaced or repaired items remain the responsibility of the Customer. This warranty does not cover failure due to negligence, accident, deliberate abuse, nor improper installation and/or maintenance. Modifications made to products (including modifications without the expressed written consent of the Manufacturer) shall void this warranty in its entirety. NO FURTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOT SPECIFIED HEREIN, ARE MADE BY THE MANUFACTURER, AND THIS WARRANTY SETS FORTH THE FULL EXTENT OF THE LIABILITY ARISING FROM THE MANUFACTURE, USE OR SALE OF THE PRODUCTS AND MATERIALS SOLD HEREUNDER. No allowances will be made for delays or loss of profit, nor for any other special, indirect or consequential damages or injuries, whether based on tort or contract.

Applicable warranty periods commencing from date of shipment from ES are as follows:

Scale1 year

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