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TTB-455 OPERATION MANUAL



the knowledge is in our hands



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TTB 455 OPERATION - PART IDENTIFICATION



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TTB 455 OPERATION - OPERATING INSTRUCTIONS

- 1.** Ensure that charging lead has been disconnected
- 2.** Ensure that the isolator pin is in place
- 3.** Fit pad & drive board / scrubbing brush
- 4.** Unclip deck so that the pad / brush is positioned flat to the floor
- 5.** Lower the squeegee blade so that it is positioned flat to the floor
- 6.** Fill bottom tank with clean water and detergent
- 7.** Ensure that water on/off control is set at appropriate position
- 8.** Ensure that top tank(s) are empty
- 9.** Ensure that separator is fitted correctly
- 10.** Adjust handle height to suit
- 11.** Stand behind the machine
- 12.** Press both of the black rubber buttons on the handle display
- 13.** Press and hold in the yellow button on the rear of the handle and at the same time squeeze the triggers on the handle. Release the yellow button
- 14.** Push the machine in the direction in which you want to clean, holding in the black triggers
- 15.** When you want the machine to stop, release triggers



TTB 455 OPERATION - DO'S AND DON'TS

- DO** ensure only competent persons unpack and assemble the machine
- DO** keep the machine clean
- DO** keep the brushes in good condition
- DO** replace any worn or damaged parts immediately
- DO** ensure that the working area is clear of obstructions
- DO** ensure that the working area is well illuminated
- DO** follow all the instructions supplied
- DO** ensure that if using a pad, it is washed after each use

- DON'T** use steam cleaners or pressure washers to clean the machine
- DON'T** use the machine outdoors in the rain
- DON'T** attempt machine maintenance or cleaning with the isolator pin intact
- DON'T** allow any inexperienced repairs
- DON'T** leave the brush or pad on the machine when not in use
- DON'T** allow the machine to be used by inexperienced or unauthorised personnel
- DON'T** lift or pull the machine by any of the operating triggers
- DON'T** leave the machine running in one spot, turn off if not being used
- DON'T** leave the brush or pad on the machine overnight, they will flatten

WARNING

It is essential that the equipment is correctly assembled and operated in accordance with current safety regulations. When using the equipment always ensure that all necessary precautions are taken to guarantee the safety of the operator and any other persons who may be affected. Wear non-slip footwear when scrubbing. Always use a respiratory mask in dusty environments. The use of other accessories may affect the safety of the scrubber dryer. A full range of brushes and other accessories are available from Numatic International.

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TTB 455 OPERATION - FITTING THE BRUSH / DRIVE BOARD



1. MACHINE SHOWN WITH BRUSHES.



2. POSITION BRUSH ONTO THE GEARBOX WITH THE 3 INDENTATIONS ALLIGNING WITH THE 3 TABS. TURN ANTI-CLOCKWISE TO LOCK THE BRUSH IN PLACE.



3. THE BRUSHES WILL NOW BE LOCKED IN PLACE AND READY FOR USE.

NOTE: WHEN USING A DRIVE BOARD FOLLOW THE SAME INSTRUCTIONS TO FIT DRIVE BOARD AND THEN FIX PAD CENTRALLY ONTO BOARD.

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TTB 455 OPERATION - PROBLEM SOLVING

MACHINE NOT PICKING UP WATER

CHECK - SQUEEGEE BLADES ARE NOT WORN

CHECK - SQUEEGEE IS TOUCHING FLOOR

CHECK - HOSE IS CONNECTED TO SQUEEGEE

CHECK - HOSE IS CONNECTED TO SUCTION DOME

CHECK - SUCTION DOME IS SECURED TO TOP TANK

CHECK - HOSE FROM SUCTION DOME IS CONNECTED TO VAC MOTOR

NO WATER GOING ONTO FLOOR

CHECK - WATER CONTROL IS TURNED ON - SEE HANDLE CONTROLS PAGE

CHECK - WATER TAP IS TURNED ON - SEE WATER ON / OFF PAGE

CHECK - CLEAN WATER TANK IS NOT EMPTY

MACHINE ONLY RUNS FOR SHORT PERIODS

CHECK - MACHINE HANDLE IS POSITIONED AT WAIST HEIGHT

CHECK - BATTERIES ARE FULLY CHARGED

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TTB 455 OPERATION - CHANGING THE SQUEEGEE BLADES



**1. REMOVE THE SQUEEGEE
TURN UPSIDE DOWN, AND
REMOVE THE 4 SCREWS
ALONG THE CENTRE OF THE
TOOL.**



**2. LIFT AND REMOVE THE 2
PLASTIC INSERTS AND DIS-
CARD THE WORN BLADES.**



**3. PLACE THE NEW BLADES
INTO POSITION WITH THE
RIBBED SIDES FACING OUT-
WARD. ENSURE THAT THE
BLADES OVERHANG EQUALLY
AT EACH END.**



**4. ALIGN PLASTIC INSERTS
AND APPLY PRESSURE UNTIL
YOU FEEL THE BLADE GRIP
INTO PLACE. REPLACE
SCREWS AND PUT SQUEEGEE
BACK ONTO MACHINE.**

NOTE:

REPLACEMENT SQUEEGEE BLADE PART NUMBER: 217213

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TTB 455 OPERATION - CHARGING THE BATTERIES



1. LIFT THE FLAP ON THE MACHINE HANDLE AND INSERT CHARGING LEAD.



2. PLUG THE CHARGING LEAD INTO A STANDARD 230 or 110 VOLT SOCKET.

NOTE:

WHEN THE MACHINE IS CHARGING YOU WILL BE ABLE TO HEAR THE COOLING FAN. THIS WILL AUTOMATICALLY SWITCH OFF WHEN THE MACHINE IS FULLY CHARGED.

BATTERY CHARGE TIME: 8 HOURS

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TTB 455 OPERATION - DAILY MAINTENANCE ROUTINE



1. RINSE THE BRUSHES WITH CLEAN WATER ON A DAILY BASIS.



2. RINSE THE SQUEEGEE ON A DAILY BASIS AND REMOVE ANY DEBRIS.



3. RINSE DIRTY WATER TANK WITH CLEAN WATER AND EMPTY AS NORMAL.



4. IF MACHINE IS NOT TO BE USED FOR MORE THAN 2 DAYS, RINSE AND EMPTY THE CLEAN WATER TANK.

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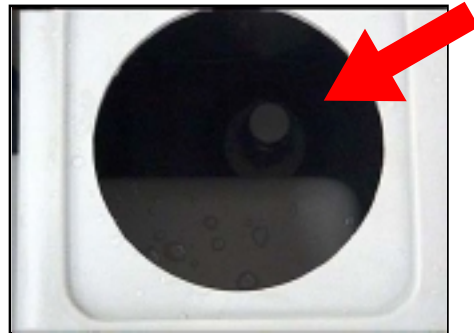




TTB 455 OPERATION - CLEANING THE BOTTOM TANK FILTER



**1.REMOVE THE TOP TANK(S)
AND FILTER CAP SO THAT
YOU CAN SEE THE CLEAN
WATER FILTER.**



**2. REMOVE THE FILTER FROM
INSIDE THE BOTTOM TANK.**



**3. RINSE THROUGH WITH
CLEAN WATER AND RE-
P L A C E .**

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TTB 455 OPERATION - CLEANING THE TOP TANK FILTER



1. REMOVE THE WATER SEPARATOR.



2. REMOVE THE FILTER FROM INSIDE THE TOP TANK.



3. RINSE THROUGH WITH CLEAN WATER AND REPLACE.

NOTE:
IF STANDING BEHIND THE MACHINE, THE FILTER SHOULD ALWAYS BE POSITIONED I THE LEFT HAND SIDE OF THE TANK.

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TTB 455 OPERATION - CLEANING THE SEPARATOR FILTER



**1.REMOVE THE WATER
SEPARATOR.**



**2. REMOVE THE DIRTY
WATER FILTER FROM INSIDE
THE SEPARATOR.**



**3. RINSE THROUGH WITH
CLEAN WATER AND RE-
P L A C E .**

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TTB 455 OPERATION - EMPTYING THE BOTTOM TANK



1. UNCLIP THE EMPTYING HOSE ON THE BACK OF THE BOTTOM TANK.



2. UNDO THE BALL VALVE ON HOSE.



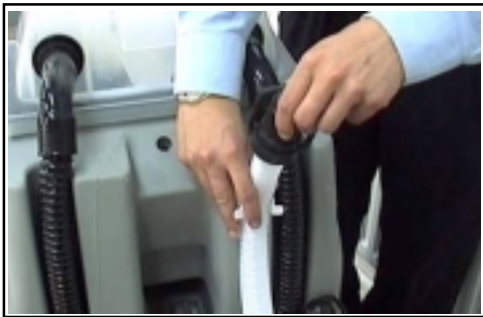
3. EMPTY INTO DRAIN.

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TTB 455 OPERATION - EMPTYING THE TOP TANK



1. UNCLIP THE EMPTYING HOSE ON THE BACK OF THE TOP TANK.



2. UNDO THE BALL VALVE ON HOSE.



3. EMPTY INTO DRAIN.

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TTB 455 OPERATION - HANDLE CONTROLS

WATER ON / OFF

VACUUM ON / OFF




**WATER
ON**


**BRUSH
ON**


**BRUSH
OFF**


**BATTERY
FULLY
CHARGED**


**BATTERY
CLOSE
TO EMPTY**


**BATTERY
EMPTY**


**VACUUM
ON**

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TTB 455 OPERATION - ADJUSTING THE HANDLE HEIGHT



1. SQUEEZE THE HANDLE ADJUSTMENT LEVER ON THE RIGHT HAND SIDE.



2. OPERATION IS EASIEST WITH THE HANDLE AT WAIST HEIGHT.



3. FOR TURNING IN TIGHT SPACES OR FOR LESS FLOOR PRESSURE, PUT THE HANDLE INTO A HIGHER POSITION.

NOTE:

THE BEST WAY TO SCRUB IS TO FIND A HANDLE LEVEL AT WHICH YOU FEEL COMFORTABLE AND CAN EASILY CONTROL THE MACHINE AROUND CORNERS AND OBSTACLES AS WELL AS IN A STRAIGHT LINE.

THE HIGHER THE HANDLE LEVEL, THE LESS FLOOR PRESSURE AND VICE VERSA.

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TTB 455 OPERATION - WATER RELEASE CONTROLS



1.THE WATER CONTROL IS LOCATED AT THE REAR OF THE MACHINE (BOTTOM LH)



2. WITH THE TAP IN IT'S HORIZONTAL POSITION THERE WILL BE NO WATER FLOW.



3.IN ORDER TO RELEASE WATER, PUSH TAP TOWARDS THE FLOOR.

**NOTE:
FULL WATER FLOW IS 2.5 LITRES PER MINUTE. THIS TAP CAN BE ADJUSTED ANYWHERE BETWEEN NO FLOW AND FULL FLOW TO ACHIEVE THE DESIRED FLOW FOR THE TASK BEING UNDERTAKEN.**

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TTB 455 OPERATION - FILLING THE CLEAN WATER TANK



1. SIMPLY POUR WATER WITH A MIX OF YOUR CHOSEN DETERGENT INTO THE SPOUT ON THE FRONT OF THE BOTTOM TANK.

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