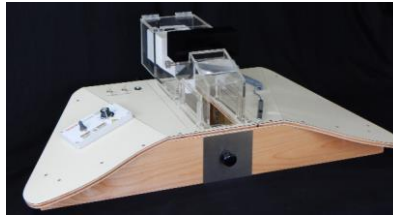


TREATED SEED INSPECTION STATION OPERATION, INSTALLATION AND INSTRUCTION MANUAL



RECEIVING YOUR NEW INSPECTION STATION

CONGRATULATIONS ON YOUR RECENT PURCHASE OF A HOFFMAN INSPECTION STATION. WHEN YOUR SHIPMENT ARRIVES, PLEASE THOROUGHLY EXAMINE THE SHIPPING CRATE FOR ANY PUNCTURES, DENTS OR SIGNS OF ROUGH HANDLING. IT IS IN YOUR BEST INTEREST TO PARTIALLY REMOVE OR OPEN THE SHIPPING CONTAINER IN ORDER TO EXAMINE THE UNIT FOR CONCEALED DAMAGES THAT MAY HAVE OCCURRED DURING SHIPMENT. IF THE UNIT IS DAMAGED, IT MUST BE NOTED ON THE DELIVERING CARRIER'S DELIVERY SLIP OR BILL OF LADING.

GENERAL INFORMATION AND IMPORTANT OPERATING FACTS

THIS MANUAL HAS BEEN COMPILED TO AID IN THE INSTALLATION, OPERATION AND MAINTENANCE OF YOUR NEW EQUIPMENT. PLEASE TAKE THE TIME TO READ ALL OF THE MATERIAL IN ORDER TO BECOME MORE FAMILIAR WITH YOUR EQUIPMENT AND ITS OPERATION FOR OPTIMUM PERFORMANCE.

UNPACKING YOUR NEW UNIT

THE SHIPPING CONTAINER SHOULD REMAIN ON YOUR UNIT AS PROTECTION AGAINST DENTS OR SCRATCHES WHILE TRANSPORTING IT TO THE ACTUAL SET-UP LOCATION. REMOVE THE SHIPPING CONTAINER ONLY AT THE LAST POSSIBLE MOMENT BY FOLLOWING THESE SIMPLE STEPS:

1. USING A PHILLIPS SCREWDRIVER CAREFULLY REMOVE SCREWS FROM THE TOP OF THE CRATE.
2. LIFT OFF THE TOP AND CAREFULLY PRY OFF AND REMOVE THE SIDES.
3. UNSECURE THE TSIS BY REMOVING THE 4 SCREWS ON THE SUPPORTS HOLDING THE UNIT DOWN. REMOVE THE BOARDS AND PULL THE UNIT STRAIGHT UP TO FREE IT FROM THE BASE.
4. THOROUGHLY INSPECT UNIT FOR DAMAGE POSSIBLY MADE IT TRANSIT.

ASSEMBLY

COMPONENTS VIBRATOR TROUGH
 UNIT BASE
 HOPPER

START ASSEMBLY BY REMOVING TWO SCREWS LOCATED AT FRONT OF UNIT. LIFT CENTER SECTION OPEN. POSITION VIBRATOR INTO BASE AND PLUG VIBRATOR INTO RECEPTACLE LOCATED INSIDE. BE SURE THAT VIBRATOR IS PLACED SECURELY INTO BASE. (THE VIBRATOR HAS ADJUSTABLE RUBBER FEET IF FEEDER TROUGH NEEDS TO BE LEVELED). CLOSE CENTER SECTION AND SCREW SECTION DOWN. OPEN ACRYLIC ENCLOSURE AND SLIDE SEED HOPPER ONTO HOPPER ADJUSTER. CONNECT EXHAUST TO AN EXTERIOR VENT VIA FLEX HOSE. CONNECT 3/8" VACUUM LINE TO HOSE BARB LOCATED ON BACK OF UNIT.

START-UP PROCEDURE

ELECTRICAL CONNECTIONS

TO INSURE PROPER OPERATION, YOUR NEW UNIT MUST BE CONNECTED TO AN INDIVIDUAL CIRCUIT THAT CAN SUPPLY THE FULL VOLTAGE AS STATED ON THE CABINET SERIAL DATA PLATE. FOR CORRECT VOLTAGE, POWER DRAW, AND WIRE ACCOMMODATIONS, CHECK THE DATA ON THE SERIAL DATA PLATE LOCATED ON THE UNIT OR THE TAG ON THE POWER CORD. VERIFY THAT THIS INFORMATION EXACTLY MATCHES THE ELECTRICAL CHARACTERISTICS AT THE INSTALLATION LOCATION.

115V, 60HZ, 1 PHASE CONNECTION

ALL 115-VOLT UNITS ARE PROVIDED WITH A U.L. APPROVED POWER CORD AND POLARIZED PLUG WHICH IS FACTORY INSTALLED.

WARNING: ANY ALTERATIONS TO THIS CORD AND PLUG COULD CAUSE AN ELECTRICAL HAZARD AND WILL VOID THE FACTORY WARRANTY. TO INSURE PROPER OPERATION, THIS EQUIPMENT MUST BE PLUGGED INTO A NEMA 5-15R COMPATIBLE, GROUNDED RECEPTACLE THAT CAN SUPPLY THE FULL VOLTAGE AS STATED ON THE SERIAL DATA PLATE.

220V, 50HZ, 1 PHASE CONNECTION

ALL 208-230 VOLT UNITS ARE TO BE PERMANENTLY CONNECTED AND ARE PROVIDED WITH FOUR (4) FIELD WIRING LEADS WHICH EXIT THE ELECTRICAL CONSOLE BOX LOCATED IN THE MACHINE COMPARTMENT BEHIND THE FRONT GRILL. THIS WIRING SHOULD BE CONNECTED TO THE APPROPRIATE POWER SOURCE BY A QUALIFIED ELECTRICIAN AND MUST CONFORM TO ALL LOCAL ELECTRICAL CODES.

SPECIAL VOLTAGE CONNECTIONS

WHEN MODEL ARE ORDERED FROM THE FACTORY WITH SPECIAL, OPTIONAL VOLTAGES, CONNECTIONS SHOULD BE MADE AS REQUIRED ON THE ELECTRICAL WIRING DIAGRAM INCLUDED IN THE INSTRUCTION MANUAL.

OPERATING INSTRUCTIONS

TURN THE CONTROL KNOB TO THE OFF POSITION (COUNTER CLOCKWISE).

TURN ON THE POWER SWITCH LOCATED ON THE CONTROL PANEL.

PLACE SEED IN THE HOPPER.

TURN ON THE VIBRATOR SWITCH.

ADJUST THE HOPPER OPENING AND VIBRATOR FEED KNOB UNTIL THE DESIRED FEED RATE IS ACQUIRED. RECORD THE SETTINGS OF THE VIBRATOR AND HOPPER FOR FUTURE REFERENCES.

FOOTSWITCH ENGAGES AND DISENGAGES VIBRATOR SO CONTAMINANTS CAN BE REMOVED BY VACUUM.

VACUUM SWITCH OPENS VACUUM LINE.

SAFETY PRECAUTIONS

THE FOLLOWING SAFETY PRECAUTIONS SHOULD BE FOLLOWED WHEN OPERATING ANY APPLIANCES:

1. ALWAYS DISCONNECT THE POWER CORD BEFORE ATTEMPTING TO SERVICE ANY EQUIPMENT.
2. DISCONNECT THE POWER CORD WHEN THE APPLIANCE WILL BE IDLED FOR A LONG PERIOD OF TIME.
3. DO NOT ATTEMPT TO SERVICE THIS UNIT YOURSELF AS REMOVING ANY COVERS MAY CAUSE EXPOSURE TO DANGEROUS VOLTAGE.
4. YOUR MODEL IS EQUIPPED WITH A GROUNDED AND POLARIZED PLUG. DO NOT DEFEAT THE PURPOSE OF THIS PLUG BY REMOVING THE GROUND POST OR USING A NON-POLARIZED ADAPTER WITHOUT PROPERLY GROUNDING THE OUTLET.
5. NEVER CONNECT ANY APPLIANCE TO A POWER SOURCE WHILE STANDING IN WATER OR WITH WET HANDS.
6. WHEN A REPLACEMENT PART IS REQUIRED, ALWAYS INSIST ON FACTORY AUTHORIZED PARTS ONLY.

MAINTENANCE

PERIODIC CLEANING PROCEDURE

TO REMOVE RESIDUE OR STATIC FROM THE ACRYLIC SURFACES WIPE WITH A CLEAN TOWEL AND ANTI-STATIC CLEANER (A FABRIC SOFTENER SHEET MAY BE USED).

COMPRESSED AIR MAY BE USED TO CLEAN ANY DUST OR DEBRIS.

PRECAUTIONS

NEVER USE HARSH DETERGENTS, CLEANERS, SCOURING POWDERS, OR CHEMICALS WHEN CLEANING YOUR UNIT.

GRITTY, HARD ABRASIVES WILL MAR THE FINISH AND ARE NOT RECOMMENDED.

PARTS LIST

VIBRATOR
CONTROL

FTO-C
SCR1B

BLOWER
SOLENOID VALVE
SOLENOID COIL

2C782
1A576
6X543



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Limited Warranty

Hoffman Manufacturing, Inc warrants that if your TSIS proves to be defective in workmanship under normal use we will provide, without charge, the parts and labor to remedy any such defect for the period of one year from the date of original purchase.

To obtain service under this warranty you must contact Hoffman Manufacturing, Inc and provide the original serial # and model number. You may contact Hoffman Manufacturing Inc. by phone 1-800-692-5962 (Int'l. Phone 001-541-926-2920), FAX 1-800-343-6724 (Int'l. FAX 001-541-926-3949), E-mail info@hoffmanmfg.com or mail PO Box 547 Albany, OR USA.

To receive replacement parts under this warranty the original, defective part must be returned to Hoffman Manufacturing, Inc. Any postage, insurance and shipping costs incurred in presenting or sending for service is your responsibility. Packing shall be in conformance with the shipping company's guidelines and insured if required to cover the cost of the part being returned.

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