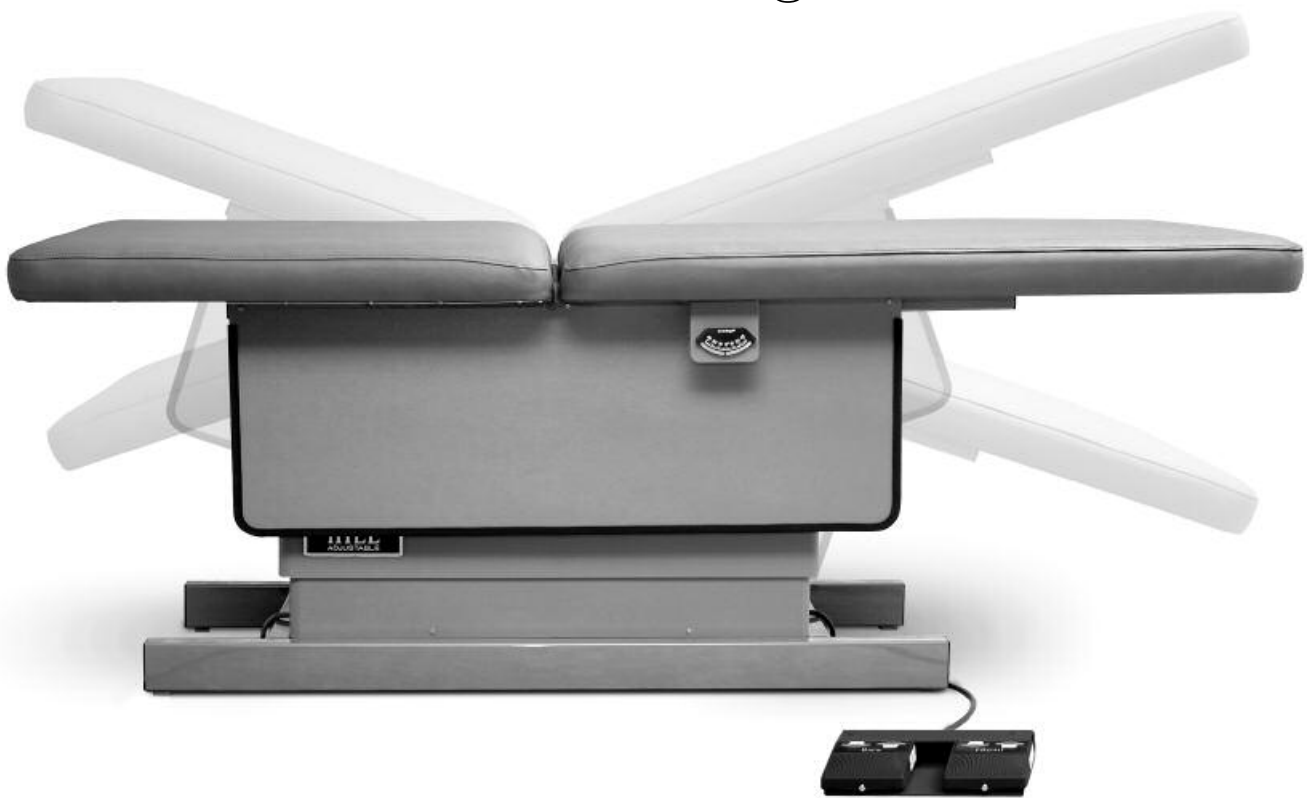


Hill HA90V

Vascular Diagnostic,
Endovenous and
Echocardiogram




Hill Laboratories
COMPANY

REFERENCE MANUAL

Congratulations!

And welcome to the Hill Laboratories family.

Hill Laboratories Company has been making

quality a family business since 1945.

Your Hill HA90V Table is built in a tradition of

innovation and value that Hill Laboratories products

have become known for.

Our good name rests on the confidence that

your Hill Chair will provide you with solid, reliable service

for many years to come.

At Your Service

The Hill Laboratories Guarantee

Your Hill Laboratories HA90V has been thoroughly tested and inspected before shipment. All parts are guaranteed against defect in materials for one full year from date of purchase. Tables damaged by mishandling or accident will be repaired at a reasonable charge. All correspondence should be directed to your local dealer, or when this is not possible, to Hill Laboratories directly.

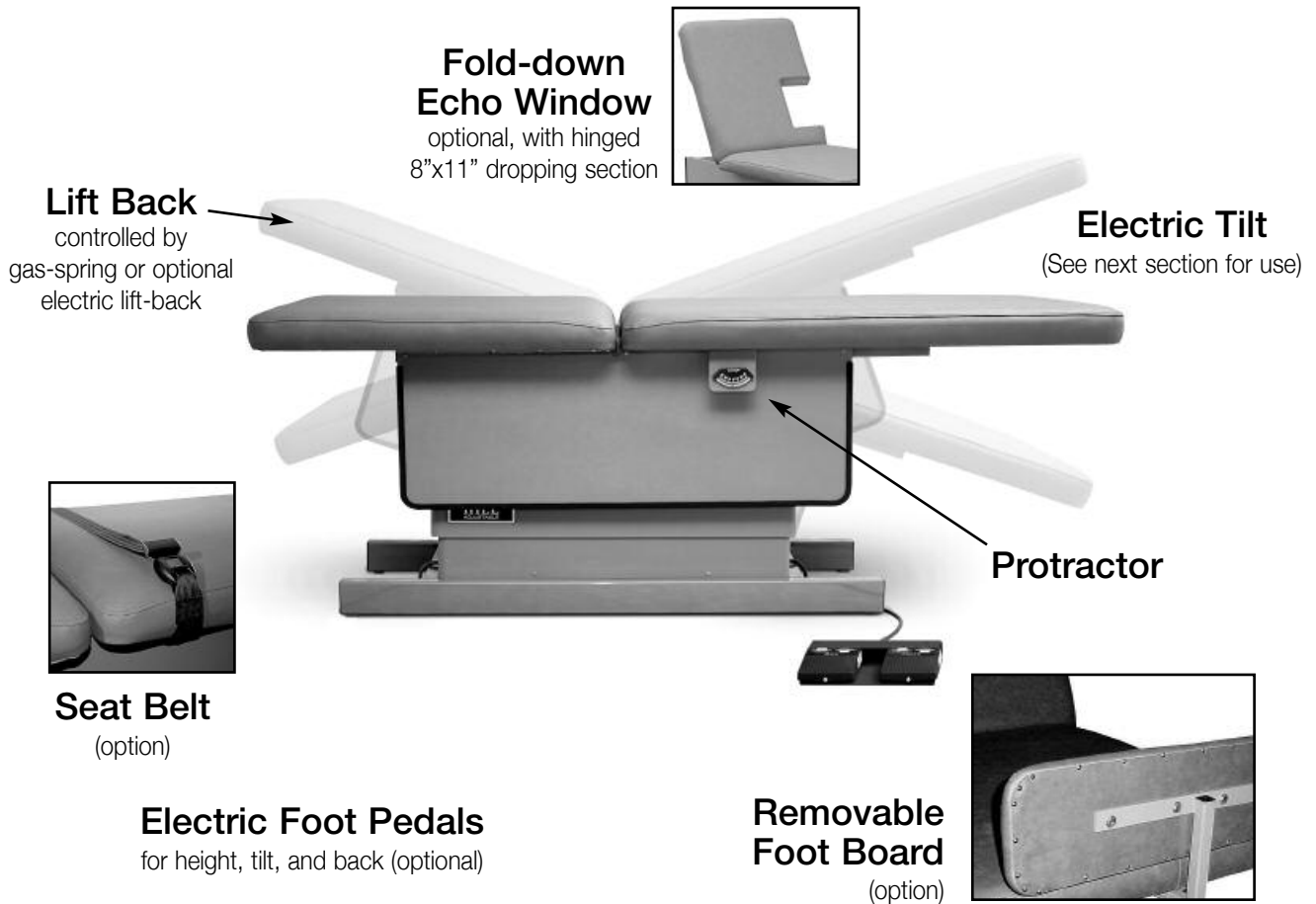
We appreciate your business and your confidence in our product. Our aim is to provide you with excellent service and satisfaction for many years to come.

Howard A. Hill

President of Hill Laboratories Company

Table Serial Number _____

Ready for use.



Specifications

Table Rating

500 lbs./Static Tested at 4x Rating/Rated at 250 lbs.*

Height Range - 26" to 39"

Standard Width - 27"

Length Reclined - 75"

Table Base Skirting

Acrylic thermo-plastic

Foam

Ultra-Cell® for comfort and shape retention

Shipping Weight

Approximately 250 lbs

Electric Requirements

115 v~, 60 Hz., 10 A, where specified - 230 v~, 50 Hz.

Receptacles in base - 115 v~, 250 Watt maximum

Note: Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked hospital only or hospital grade. There is no EMI concern related to the safe operation of this table.

Transportation and Storage Conditions

Ambient Temperature Range:

-30°C to +60°C (-22°F to 140°F)

Relative Humidity

0% to 90% (non-condensing)

The UL standard requires a static load test at four times the rating stated on our label:

HA90V static load test was 1000 lbs = 250 lbs rating

Table Care

Table Care

Cleaning your Table

Standard Upholstery - Normal Care and Cleaning

Remove ordinary dirt and smudges with a mild soap and water solution and a clean soft cloth or towel. Dry with a soft lint-free cloth or towel.

Hill Laboratories also offers two excellent products, both available online at Shop.HillLabs.com:

- Hill Leather and Vinyl Cleaner (available in case of 4)
- Protex Disinfectant Spray (available in case of 4 and wipes)

For difficult stains, after using Hill Leather and Vinyl Cleaner, use one of the following non-abrasive cleaners with a soft cloth or damp sponge:

- Formula 409 All-Purpose Cleaner
- Fantastik Spray Cleaner
- Magic Eraser

Caution! Never use bleach, abrasive powder, steel wool, industrial strength or solvent cleaners.

Finesse Upholstery - Normal Care and Cleaning

Remove most ordinary smudges and dirt with a mild soap (like Joy, Dove or Ivory dishwashing liquids) and water solution and a clean soft cloth or towel. Dry with a soft lint-free cloth or towel.

Hill Laboratories also offers two excellent products, both available online at Shop.HillLabs.com:

- Hill Leather and Vinyl Cleaner (available in case of 4)
- Protex Disinfectant Spray (available in case of 4 and wipes)

For more difficult stains like oil, grease, crayon, lipstick, shoe or furniture polish

Use a mild petroleum solvent such as naphtha (lighter fluid) or mineral spirits (paint thinner). Lightly wipe the stain with a clean cloth moistened with solvent. Blot the area and allow to dry.

For Ink: Use one part Wisk detergent and one part rubbing alcohol. Dab lightly with a cloth which has been moistened with the solution—DO NOT RUB! As the ink loosens, blot the area with a dry cloth. Rinse with a cloth dampened in clean water and dry with a soft cloth.

Caution! Never use rubbing alcohol on Finesse except in the limited manner described above.

Caution and Symbol Explanation

Caution: Children should never be left alone in a room with the table but should always be accompanied by an adult.

Caution: Always unplug the table before performing any maintenance.

Caution: Check table once a year to make sure all internal and external bolts are secure.

Caution: The power cord should be located to avoid risk of tripping or having objects rolled over or placed on it. Damaged cords should be replaced with another of hospital grade.

Caution: Grounding reliability can only be achieved when connected to an equivalent receptacle marked hospital only or hospital grade.

Symbols - Each symbols below is used in your table labeling. An explanation of each is below.



Attention Symbol
consult accompanying
documents



**Dangerous Voltage
Symbol**



**Type BF Applied
Part Symbol**



**Ground
Symbol**



**Alternating Current
Symbol**

Table Features

Electric Tilt

The table top of the HA90V tilts a total of 20° at the head and foot end and is controlled by an electric foot pedal.

Lift Back

The lift-back feature comes standard with a manual gas-spring powered switch. The electric lift-back is powered by a foot pedal. Both the manual and the electric models lift a full 80° from horizontal.



Foot Pedals

Your HA90V comes standard with two foot pedals for height and tilt (marked respectively). If the optional electric lift-back is added (marked “Back”), a third pedal will be mounted together with the height pedal. (Caution: The lift back cushion needs to be tilted up a minimum of 15° in order to tilt the table into the trendelenburg position. To avoid injury or damage, the lift back should not be operated without the flat plastic panel in place on top of the plastic enclosure).

Echo-Window

The 90V features an optional 8"x11"Echo-window for echocardiogram testing. The hinged cushion can also be raised and locked in place when not in use.



Footboard (optional)

The footboard is easily inserted into a receptacle at the foot end of the HA90V. The footboard is secured by tightening a knob under the main table cushion.

Protractor

The 90V protractor offers precise angle measurement with white engraved numerals on an easy-to-read scale. Protractor measures 0° - 45° at both the head and foot end of the table.

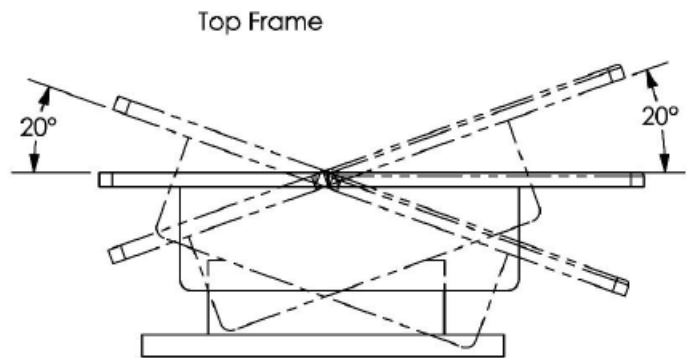
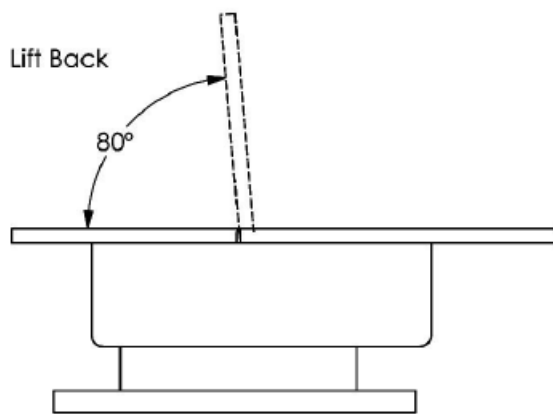
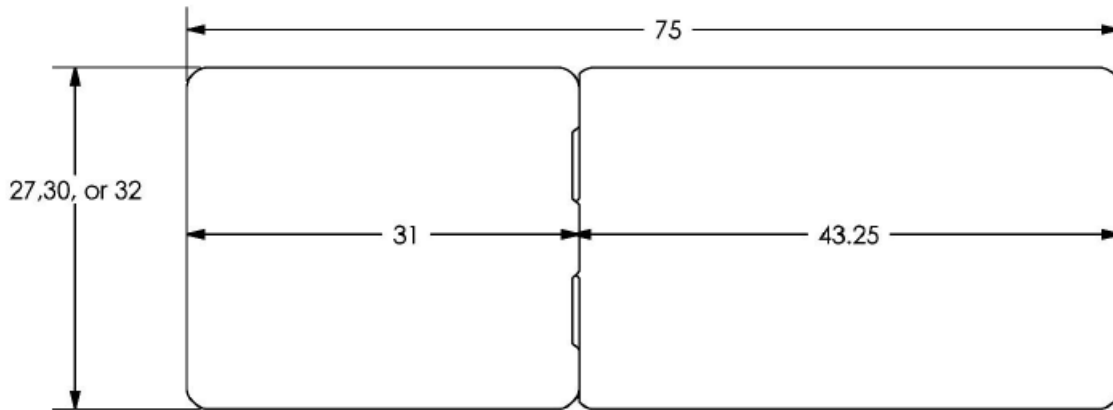
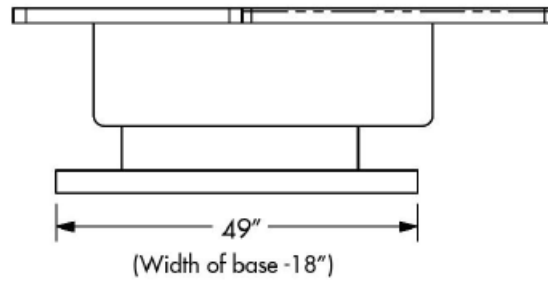


Castors (optional)

For models equipped with casters: When not in use, the black handles rest in the down position (as pictured). To engage the caster wheels, lift the handles into the up position on both ends of the base. The table will lift 1/2" for easy table movement. **Be sure to to disengage the casters before using the table for treatment!**

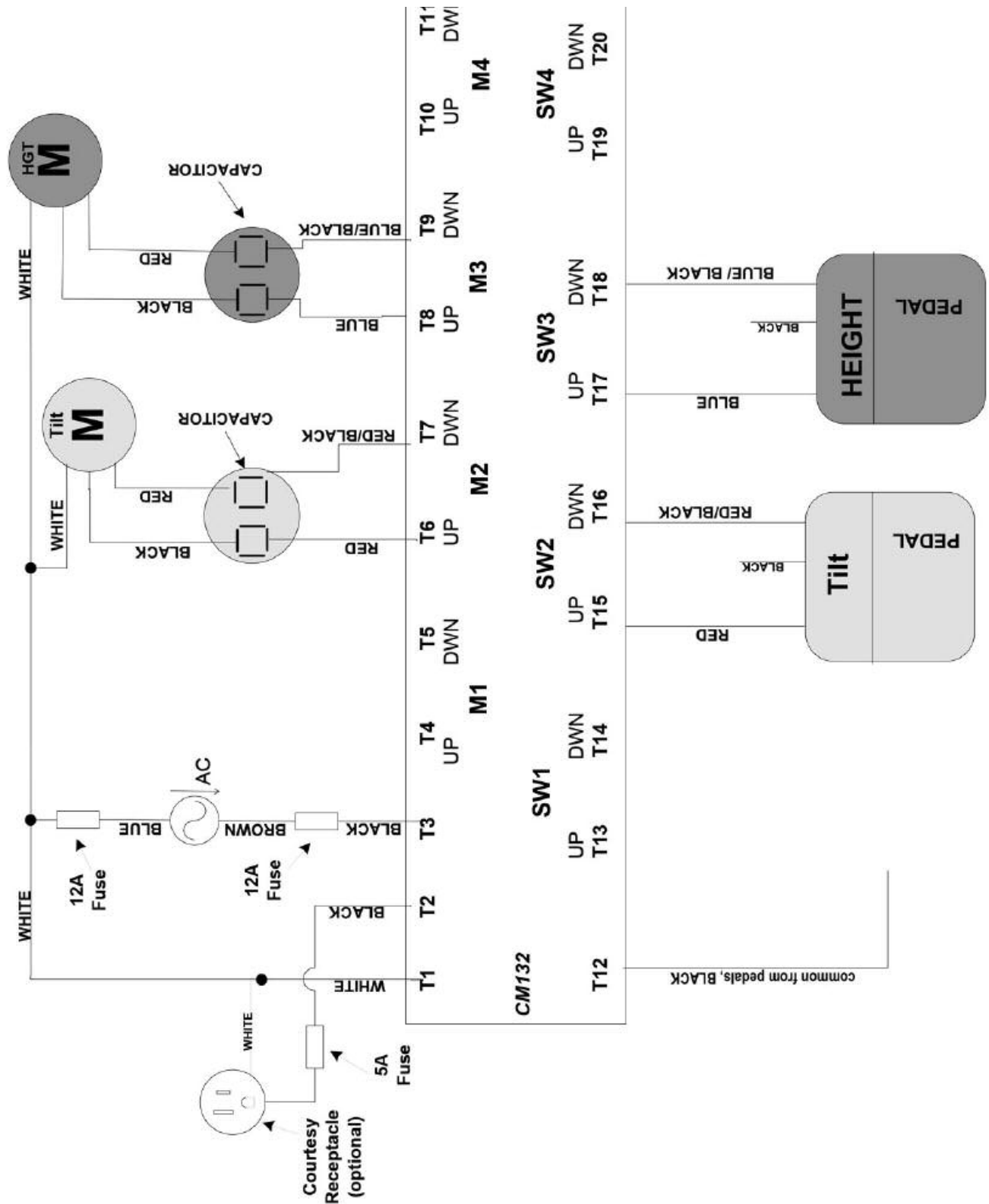
Table Diagram

Height Range 24-34"
or
26-39"



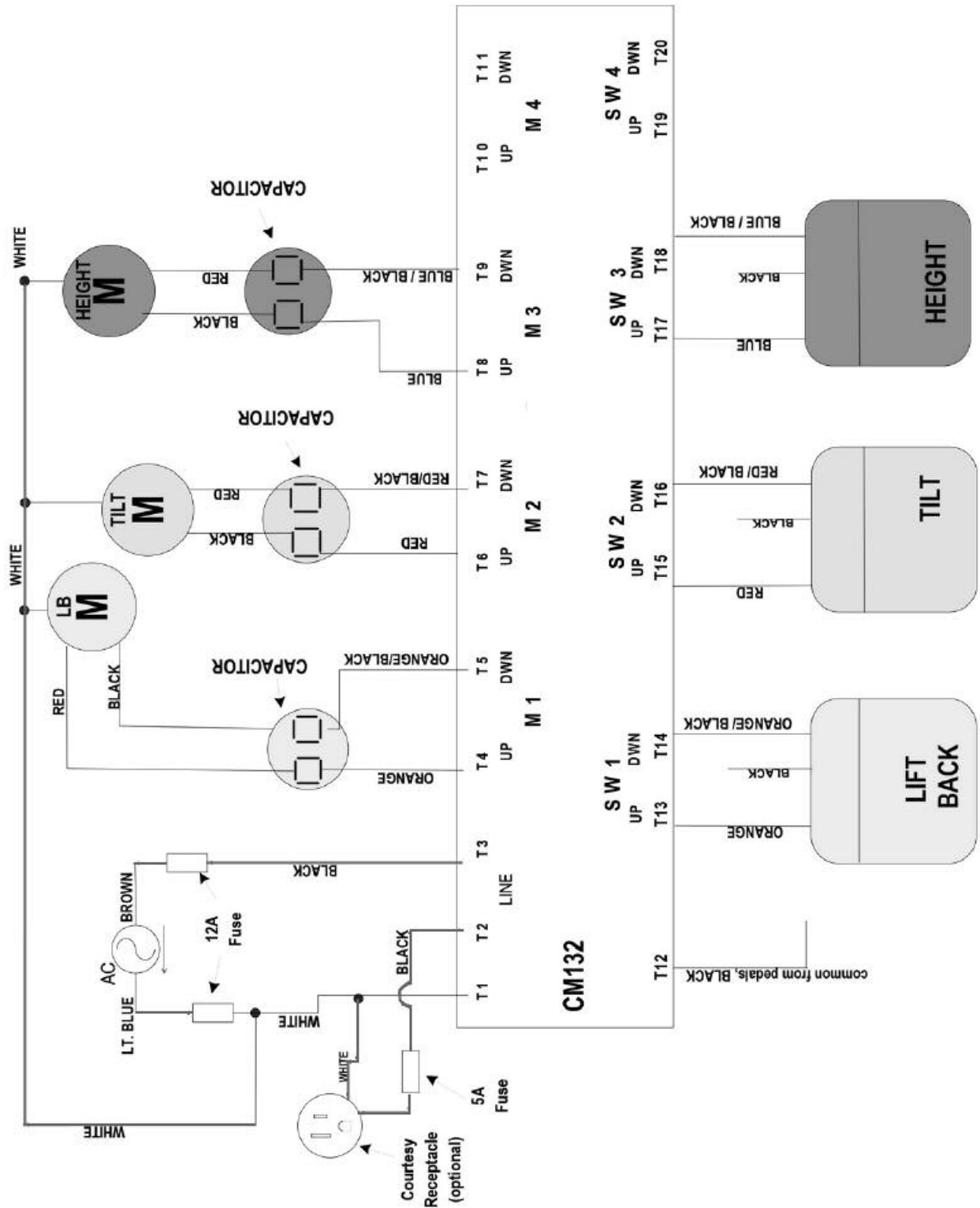
Wiring Diagram

90V for Two-Motor (Tilt and Height)



Wiring Diagram

90V for Three-Motor (Tilt and Height and Lift-Back) PART 1



Wiring Diagram

90V for Three-Motor (Tilt and Height and Lift-Back) PART 2

