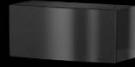


## WALL CABINET INSTALLATION INSTRUCTIONS / OWNER CARE MANUAL



HI-KAB



HI-KAB-KOMPACT



HI-KAB+



HI-KAB+ KOMPACT



VENT-KAB

### **WARNING: EXCESSIVE WEIGHT HAZARD**

Always use two or more people to manipulate & install cabinets. Failure to do so may result in injury.

### **WARNING: WALL MOUNTING**

It is the responsibility of the installer to ensure that wall mounting surfaces and structure are sufficient in strength & capacity to support cabinet weight and its contents. Failure to observe these conditions may result in injury or death.

- Please read these instructions thoroughly prior to installing cabinets. This booklet must be left with the homeowner once installation is completed
- Outdoor installation of this product is not recommended and may void warranty
- Gather all packaging materials and recycle whenever possible
- Due to reduced clearance of the overhead opening door feature, it is imperative that all wall surfaces are straight and plumb prior to commencing installation. If wall surface is convex or concave, interference between cabinet doors may result. Shim all cabinet backs and cabinet sides as required
- If the installation of wall cabinets is performed simultaneously with base cabinets, it is recommended to install base cabinets prior to mounting wall cabinets

#### HARDWARE SUPPLIED:

- (4x) 2-1/2" x 1/4" Lag Bolts
- (2x) 1/4"-20 Phillips Truss Screws
- (4x) 5/16" Plastic Hole Plugs (8x for HI-KAB+)
- (4x) 5/16" Flat Fender Washers
- (2x) 1/4"-20 Acorn Nuts
- (4x) Pilaster Shelf Clips (HI-KAB & HI-KAB+ only)

#### TOOLS REQUIRED:

- Electric Drill with Med Phillips Driver Bit
- Med Phillips Head Screwdriver
- Ratchet Wrench with 7/16" Socket
- 5/32" HSS Drill Bit
- Small Flat Head Screwdriver
- 3/32" Hex Key Wrench (For Installation of optional T-Handle)
- Spirit Level & Stud Finder
- Tape Measure
- Lead Pencil
- 10 mm Hex Key Wrench (Door Stay Adjustment)
- Hammer Drill with Masonry Bit (For installation onto concrete or masonry wall surfaces)

## **A) UNPACKING CABINET - PRE-INSTALLATION INSPECTION**

**Caution: Immediately discard polyethylene cabinet bag upon unpacking & removal! Bag is a suffocation hazard and must be kept away from small children and/or pets.**

1. Once outer box cover has been removed, remove polystyrene corner protectors from inside top of box. Pull up polyethylene bag away from cabinet and recycle all packaging materials whenever possible.
2. Using two or more people, carefully lift cabinet out of corrugate tray and onto floor. It is recommended to lay the packaging material supplied with the cabinet onto the floor in order to protect the underside of the cabinet during installation.
3. Inspect outer cabinet surfaces for any visible damages. Inspect the hardware bag supplied with this cabinet and verify that all hardware is accounted for. Should there be missing hardware or visible damages to the cabinet, immediately contact your dealer or the factory prior to installation.
4. Do not remove the protective door film at this time. This film will act as a protection against light scratches or scuffs that may inadvertently happen during the installation process. Only once installation is complete can this film be removed.
5. Peel away blue tape from recessed finger-pull and remove key.

## **B) MOUNTING CABINET TO WOOD STUDDED WALL**

**Caution: Tipping Hazard! Prior to installing and due to the heavy weight of the overhead door, exercise extreme caution when opening. Failure to observe this procedure may result in injury and/or damage to cabinet!**

1. This procedure is intended for wall-mounting a cabinet to a wood-studded wall. If metal studs are present, do not wall-mount cabinet until adequate stud and wall reinforcement is achieved by a skilled and qualified carpenter. Mounting wall must be straight and plumb. If necessary, use wooden shims to adjust the position of the cabinet to the wall.
2. Using a stud finder and lead pencil, mark exact center position of vertical wall studs where cabinet is to be installed.
3. Unlock and open overhead door. To facilitate mounting, you may wish to remove the cabinet door at this time to access the perforated slots at the top & bottom of the cabinet back. (For removal of door, refer to step H)
4. Using two or more persons, place cabinet in installation position and use a spirit level to level cabinet.
5. Locate the penciled locations of the stud wall centers.
6. Mark desired location of holes to be drilled using the perforated slots at the cabinet back as a template. Use an electric drill with a 5/32" drill bit to pre-drill wood studs. By pre-drilling the wood studs, there is less likelihood of the studs splitting when using the lag bolts.
7. Using the four (4) lag bolts and fender washers, fasten cabinet to wall by driving the lag bolts through the perforated holes and into the wall studs with a ratchet wrench and 7/16" socket. Do not fully tighten lag bolts at this time.
8. Using a spirit level, adjust cabinet position and fully tighten all lag bolts. Use care not to over-tighten bolts which may damage or deform the cabinet back on any uneven wall surface.

## **C) MOUNTING CABINET TO CONCRETE OR MASONRY WALL**

**Caution: Tipping Hazard! Prior to installing and due to the heavy weight of the overhead door, exercise extreme caution when opening. Failure to observe this procedure may result in injury and/or damage to cabinet!**

**Caution: Do not use concrete or masonry screws to install cabinet. Only the use of approved lag bolts with concrete shields or masonry anchors are acceptable for concrete/masonry wall-mounting of cabinet.**

**Follow the manufacturer's instruction sheet accompanying concrete shields and/or masonry anchors.**

1. This procedure is intended for wall-mounting a cabinet to concrete or masonry surfaces. Mounting wall must be straight and plumb. If necessary, use wooden shims to adjust the position of the cabinet to the wall.
2. Unlock & open overhead door. To facilitate mounting, you may wish to remove the cabinet door at this time to access the perforated slots at the top & bottom of the cabinet back. (For removal of door, refer to step H)
3. Using two or more persons, place cabinet in installation position and use a spirit level to level cabinet.
4. Mark desired location of holes to be drilled using the perforated slots at the cabinet back as a template. Remove cabinet away from wall and use approved mounting hardware (not included) with correct tooling for this type of installation.
5. Using a spirit level, adjust cabinet position to wall and fully tighten all mounting bolts and/or anchors. Use care not to over-tighten bolts which may damage or deform the cabinet back on uneven wall surface.

#### **D) TWINNING OF TWO OR MORE CABINETS**

1. All wall cabinets come with pre-punched twinning holes on opposite sides for easy module alignment & to maintain cabinet stability. It is imperative that all cabinets be joined together as this will combine structural integrity of the cabinets as a set and will eliminate potential sagging and misalignment.
2. For ease of twinning, it is recommended to start the installation with the center cabinet and work in an outwards direction on opposite sides.
3. Position 2<sup>nd</sup> cabinet beside first cabinet and repeat levelling/wall mounting procedure. Verify that both cabinets are level and fasten them together using Phillips truss screws and acorn nuts thru the twinning holes. Tighten firmly.
4. Repeat the same procedure for each additional cabinet.
5. Once twinning is complete, cap the unused twinning holes on each of the end cabinets with the plastic hole plugs.

#### **E) TOP-MOUNTING HI-KAB+ / HI-KAB+ KOMPACT MODULE TO DUO-KAB**

1. If DUO-KAB module is equipped with an escutcheon trim panel, remove five (5) screws and remove panel.
2. With HI-KAB+ or HI-KAB+ KOMPACT module resting on the four polystyrene corner packaging protectors, open overhead door and drill one (1) 5/32" hole completely through each bottom corner of cabinet floor. Remove all burrs from holes. (If required, refer to step H for door removal procedure)
3. Mount HI-KAB+ or HI-KAB+ KOMPACT module on top of assembled DUO-KAB. Verify that all four sides of HI-KAB+ and DUO-KAB cabinets are flush. Using an electric drill and Phillips driver bit, install four (4) No.8 x 1-1/4" self-drilling screws through drilled holes and into top of DUO-KAB module. Do not over tighten screws so as to avoid distortion of cabinet floor.

#### **F) ADJUSTMENT & ALIGNMENT OF CABINET DOOR**

1. All cabinet doors have been pre-adjusted & pre-aligned at our factory. Vibrations during transport may affect the alignment of doors. If so, follow the directions below for adjustment procedure.
  - a) To access adjustment screws, remove hinge arm trim cap by carefully prying a small flat head screwdriver between hinge arm and trim cap until cap pops off.
  - b) For horizontal (side-to-side) adjustment, use a Phillips screwdriver to turn the center screw on hinge plate clockwise (left displacement) or counter-clockwise (right displacement). Repeat procedure for other hinges on the same door.
  - c) For vertical (up or down) adjustment, turn center screw on hinge arm clockwise or counter-clockwise.
  - d) For depth (inwards or outwards) adjustment, turn end screw on hinge plate clockwise or counter-clockwise.
  - e) Replace hinge arm trim cap by aligning mounting tabs over hinge arm aperture and snap into place.

#### **G) ADJUSTABLE SHELF INSTALLATION & USE (N/A on KOMPACT & VENT-KAB MODULES)**

1. Determine the desired height of your adjustable shelf within the cabinet interior. There are pre-punched slots at 1/2" increments located at each inside corner of the cabinet interior.
2. Install supplied pilaster shelf clips at desired height by angling the top tab of each shelf clip into the desired slot and lowering clip until bottom tab snaps into lower slot. Repeat this procedure at all four corners of the cabinet.
3. Once all shelf clips are firmly in place, insert shelf into cabinet and onto the shelf clips. Visually verify that the shelf is level and corners do not rock. Adjust height of shelf clips as required.
4. Shelf load capacity for HI-KAB & HI-KAB+ modules is load-rated for 50 lbs. Load-rating is a term used to describe the maximum allowable static weight for a given component. When loading your shelf, distribute unusually heavy loads equally among the shelf surface. By following this procedure, you will reduce potential shelf deflection and avoid mishaps that can occur by typically overloading shelves.

## H) REMOVAL & RE-MOUNTING OF CABINET DOOR

**Caution:** Tipping Hazard! Prior to installing and due to the heavy weight of the overhead door, exercise extreme caution when opening. Failure to observe this procedure may result in injury and/or damage to cabinet!

**Caution:** Do not attempt to manually work, flex or open the door stay mechanism. This device contains a strong spring that is under extreme load and may cause injury if improperly handled.

### Door Removal:

1. Unlock and fully open cabinet door. Remove three hinge arm trim caps by carefully prying a small flat head screwdriver between hinge arm and trim cap until cap pops off.
2. Using two or more persons, hold door in fully extended position while another person disconnects the door stay mechanism from the door swivel bracket. Gently pull grey plastic tab backwards until you are able to slide door stay arm away from swivel bracket. Slowly lower door stay to rest.
3. Slightly angle door downwards. Starting with the LH hinge (while another person is holding door), push down on release tab at back of hinge arm to swivel hinge away from hinge plate. Repeat procedure for RH hinge and disconnect center hinge last.
4. Carefully lift door away from cabinet exercising extreme caution not to scratch painted surfaces with exposed hinges. Temporarily store the door face up and away from work area. Do not stack doors on top of each other.

### Door Re-Mounting:

5. Verify that all hinges are in a fully-open position.
6. Slightly angle door downwards. Starting with the center hinge (while another person is holding door), insert hinge onto corresponding hinge plate until release tab clicks into place. Ensure that the guiding pins on the hinge plate align with curved slots of hinge when mounting onto cabinet. If an audible "click" is not heard, verify connection. Repeat procedure for LH & RH Hinges.
7. Swing door stay mechanism arm upwards and into door swivel bracket until it snaps into place. Verify that the door stay arm is fully inserted into the grey plastic tab of the door swivel bracket.
8. Adjust & Align door if necessary.
9. Replace all hinge arm trim caps by aligning mounting tabs over hinge arm openings and snap them into place.

## I) ADJUSTMENT OF DOOR STAY MECHANISM

**Caution:** Do not attempt to manually work, flex or open the door stay mechanism. This device is factory-sealed, non-serviceable and requires no maintenance. It contains a compression spring that is under extreme tension and may cause injury if improperly handled or tampered with. Do not lubricate any internal or external components of the door stay mechanism as this may affect lifting performance and may result in injury.

**Caution:** The grey plastic cover cap for the door stay adjustment socket must be firmly in place. If cover cap is missing or lost, refrain from operating overhead door and immediately contact your dealer for a replacement part. Operating the overhead door without this component may result in injury!

1. Over time, the tension of the door stay mechanism's internal spring may be slightly reduced and the overhead door may not remain in a full-open position; which may cause a slight drooping. However, a small adjustment to the door stay mechanism can be easily performed to bring the door back to its original full-open position. This occurrence is normal and in no way should it cause worry. Drooping of the overhead door may also occur due to the attachment of non-factory items such as magnetic labels, skin overlays, metal or heavy vinyl decals, etc...
2. Locate grey plastic cover cap at base of door stay mechanism. Using a small flat screwdriver, remove cover cap to reveal hex socket with incremented adjustment dial.
3. To increase door lift tension, hold door with one hand and insert a 10 mm hex key wrench into socket. Rotate hex socket clockwise to the next higher setting. To decrease door lift tension, rotate hex socket counter-clockwise to a lower setting. Factory adjustment of the door stay mechanism is dependent upon materials used on door panel (ex: Stainless-steel vs. painted front panels) and can vary from a setting of no. 9 to no. 12 on the adjustment dial.
4. Replace grey plastic cover cap onto base of door stay mechanism. Ensure that the cap is firmly in place.

## J) VENT-KAB INSTALLATION

**Caution:** All electrical wiring and wiring connections to VENT-KAB module must be performed by a licensed and qualified electrician. Follow all national building and electrical codes.

1. To mount cabinet on wall, follow the HI-KAB installation procedures as outlined in steps B, C & D.
2. Have a licensed electrician pre-wire a fused 15-amp, 115 volt AC power line to a pre-determined location at the back of the VENT-KAB module. As each installation varies, the exact location of where the wire must enter the cabinet back must be determined on-site. Mark cabinet and drill an appropriate 13/16" diameter hole at this location to fit a standard UL-rated electrical squeeze connector or chassis grommet. Route wire through this opening and connect to junction box.
3. If an exterior duct connection to an outside wall is desired, limit the total length of ductwork to a maximum of six (6) feet of 7" diameter rigid ducting and one (1) 90° elbow. For exterior duct connections, remove discharge grille at top of VENT-KAB module and install a 10" x 4" universal boot with a 7" diameter round connector. Follow all local and national building codes when installing ductwork to an exterior wall.

## K) MOLDED T-HANDLE ASS'Y INSTALLATION (STANDARD ON HI-KAB+ MODULE)

1. Open overhead door and locate spare factory-installed rivet nut on right-side of door. Using the supplied 8-32 machine screw and a 3/32" hex key wrench, fasten triangular cable bracket to rivet nut. Tighten firmly.
2. When not in use, T-handle can be docked onto the door panel. To dock the handle, simply insert nib on back of handle into pre-punched docking hole. Apply light inward pressure to retain in place.

## L) LOCKING/UNLOCKING YOUR CABINET DOOR

**Note:** Exercise care and good judgment when storing hazardous chemicals, firearms or other dangerous items inside any lockable cabinet.

### Unlocking:

1. To unlock your wall cabinet door, hold key by key handle with Contur logo facing downwards.
2. Fully insert flat portion of key into key slot and rotate 90° towards the right.
3. Once cabinet door is unlocked, key can be removed from lock or left in this "parked" position.

### Locking:

1. To lock your wall cabinet door, hold key by key handle with Contur logo facing downwards.
2. Fully insert flat portion of key into key slot and rotate 90° towards the left.
3. Once cabinet door is locked, key can be removed from lock.
4. With the HI-KAB+ module, you can conveniently store your unused key inside the T-handle; located inside the unlocked overhead door.

## **M) CLEANING & CARE FOR YOUR CONTUR CABINET & ACCESSORIES**

### **Painted Door Panels:**

1. Clean all painted cabinet surfaces using a sponge with a mild dish soap and warm water solution. Dry thoroughly using a microfiber cloth or suitable automotive drying cloth. DO NOT use abrasive or harsh chemical cleaners such as glass cleaners, solvent-based cleaners and/or furniture polish on painted surfaces.
2. All Contur painted door front door panels are coated with a durable high-gloss powder-coat finish. However, from time-to-time small scratches or scuffs may appear on these surfaces as a normal course of wear. We suggest the use of a quality automotive-grade polish and wax when encountering these problems. Applying wax to your painted door fronts will greatly reduce unsightly fingerprints while enhancing the gloss finish. Do not apply wax to the black textured painted surfaces of the cabinet or door back panel as a white-colored wax residue may result. If wax is accidentally applied to any textured surface, allow to dry and use a soft-bristle toothbrush to remove residue.

### **Stainless-Steel Door Panels:**

3. Stainless-Steel care requires patience and diligence. Spending a few extra minutes to clean and polish your stainless-steel cabinet doors will result in a stunning and lasting finish and will reduce unsightly fingerprints. Always clean stainless-steel surfaces in the direction of the brushed grain. Spray cleaner sparingly on surface and wipe vertically (up & down). We recommend the following stainless-steel care products to be used on your cabinets and countertops:
  - a) 3M Stainless-Steel Cleaner & Polish, Part No. 14002
  - b) ZEP Stainless-Steel Polish, Part No.0143

### **Vent-Kab:**

4. To clean washable filter screen, remove four (4) small Phillips screws holding face plate to underside of VENT-KAB module. On backside of face plate, compress one end of each "Z"-spring to release spring tension on filter screen. Remove filter screen from face plate and gently wash using a soapy warm water mixture. Rinse and dry filter thoroughly overnight. Re-install filter and re-attach face plate to VENT-KAB module in reverse order of above.