

ROBERN PLM 3 DOOR BATH CABINET INSTRUCTIONS

GENERAL NOTES FOR MODELS PLM3030 & 3630

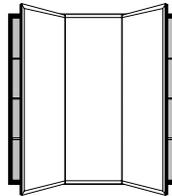
- UNPACK THE CABINET. CHECK THE BOX THOROUGHLY FOR ALL HARDWARE AND LOOSE PARTS PACKED AS FOLLOWS:
A. CABINET B. HARDWARE BAG C. SHELVING D. "Z" BRACKET
- UNCLIP THE DOORS FROM THE CABINET (PAGE 3, FIG. E) AND STORE THE DOORS IN THE CABINET BOX. BE SURE EDGES OF DOORS ARE PROTECTED. REMOVING THE DOORS ALLOWS FOR FAST AND EASY ONE PERSON INSTALLATION.
- A SQUARE AND PLUMB INSTALLATION INSURES PROPER DOOR OPERATION. A SQUARE AND LEVEL ARE NECESSARY FOR PROER INSTALLATION.
- IMPROPER INSTALLATION VOIDS THE WARRANTY. INSTALLED CABINETS CANNOT BE RETURNED.
- IF YOU EXPERIENCE ANY PROBLEMS WITH YOUR CABINET HAVE YOUR SERIAL NUMBER READY AND CONTACT YOUR DEALER OR ROBERN DIRECTLY
ROBERN • P.O. BOX 2145 • BRISTOL, PA 19007 • 800.877.2376 • FAX 215.826.9633

PLM MODEL NUMBERS

PRODUCT MODEL	PRODUCT TYPE	PRODUCT DESCRIPTION
PLM3030 PLM3630	CABINET	B = BLACK FINISH W = WHITE FINISH
PLSK30	SIDE KIT	FOR SURFACE MOUNTING
PLL30/36T PLL33T PLL1.5F	LIGHT FIXTURE	TOP LIGHT - 6 OR 7 BULB VERTICAL 6 BULB LIGHT (2) VERTICAL FLUORESCENT LIGHT (2)

PLM3030 OR PLM3630 CABINET

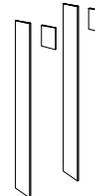
4 5/8" DEEP OVERALL WIDTH & HEIGHT BELOW
WHEN RECESSED INTO A WALL
A. 3 3/4" IN WALL (4" DEEP)
B. 7/8" PROJECTS OUT FROM WALL



PLSK30 SIDE KIT

PURCHASED SEPARATELY FOR SURFACE MOUNTED CABINETS.

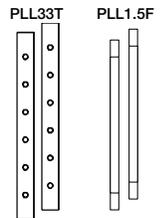
EXTRA MIRRORS FOR TOP LIGHT FIXTURE



PLL33T OR 1.5F VERTICAL LIGHT FIXTURES

PURCHASED SEPARATELY.

CAN BE RECESSED OR SURFACE MOUNTED. ATTACHES TO CABINET



PLL30T OR 36T TOP LIGHT FIXTURES

PURCHASED SEPARATELY.

CAN BE RECESSED OR SURFACE MOUNTED. ATTACHES TO CABINET



DIMENSIONS OF CABINETS

- PLM30 / 36 CAN BE USED WITH OR WITHOUT LIGHTS.

TWO TYPES OF VERTICAL LIGHT FIXTURES, AN INCANDESCENT OR FLUORESCENT SOURCE, ARE AN OPTION WHICH CAN BE ADDED TO THE SIDES OF THE CABINETS. THE PLL33T INCANDESCENT ADDS 6" TOTAL. THIS LIGHT MUST BE USED WITH A TOP LIGHT. THE PLL1.5F ADDS 3" TOTAL TO THE WIDTH.

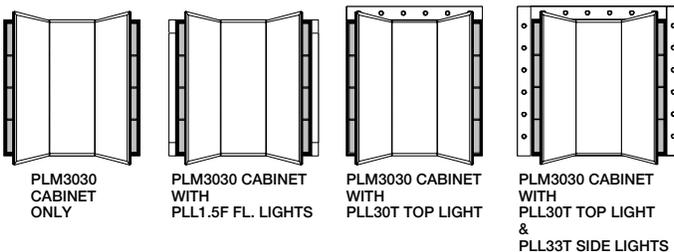
THE TOP LIGHT OPTION ADD 3" TO THE HEIGHT.

OVERALL SIZE IS DETERMINED BY THE OVERALL DIMENSIONS OF THE ASSEMBLED UNITS. ROUGH OPENINGS FOR RECESSED INSTALLATIONS ARE SHOWN AT THE RIGHT.

DIFFERENT WIDTH CABINETS (AND LIGHTS) CAN BE COMBINED AS SHOWN ON THE RIGHT.

NOTE: SUBTRACT 3/4" FROM THE OVERALL WIDTH & HEIGHT EQUALS THE ROUGH OPENING DIMENSION.

- EXAMPLES ARE SHOWN BELOW:



3 DOOR CABINETS WITHOUT LIGHTS

MODEL NO.	OVERALL W X H	WALL OPENING W X H
PLM3030	30" X 30"	29 1/4" X 29 1/4"
PLM3630	36" X 30"	35 1/4" X 29 1/4"

3 DOOR CABINETS WITH TOP LIGHTS

MODEL NO.	OVERALL W X H	WALL OPENING W X H
PLM3030 PLL30T	30" X 33"	29 1/4" X 32 1/4"
PLM3630 PLL36T	36" X 33"	35 1/4" X 32 1/4"

3 DOOR CABINETS WITH SIDE FLUOR. LIGHTS

MODEL NO.	OVERALL W X H	WALL OPENING W X H
PLM3030 PLL1.5F	33" X 30"	32 1/4" X 29 1/4"
PLM3630 PLL1.5F	39" X 30"	38 1/4" X 29 1/4"

3 DOOR CABINETS WITH TOP & SIDE LIGHTS

MODEL NO.	OVERALL W X H	WALL OPENING W X H
PLM3030 PLL30T PLL33T (2)	36" X 33"	35 1/4" X 32 1/4"
PLM3630 PLL36T PLL33T (2)	42" X 33"	41 1/4" X 32 1/4"

ASSEMBLY OF PLM 3 DOOR CABINETS & LIGHTS - OVERVIEW

(SEE INSTRUCTIONS SUPPLIED WITH LIGHTS FOR DETAILS)

1. IF YOU ARE USING A PLL30T OR 36T TOP LIGHT REFER NOW TO THE INSTRUCTIONS PROVIDED WITH THE FIXTURE (CABFAX DOC 490). THE LIGHT FIXTURE IS ATTACHED TO THE CABINET BEFORE THE CABINET IS ATTACHED TO THE WALL OR PLACED INTO THE WALL.

REFER TO THE SIDE VIEW SHOWN IN FIG. A. THE SIDE PLATES ON THE FIXTURE ARE ATTACHED TO THE CABINET USING THE SCREWS THAT HOLD THE CABINET FRAME TOGETHER.

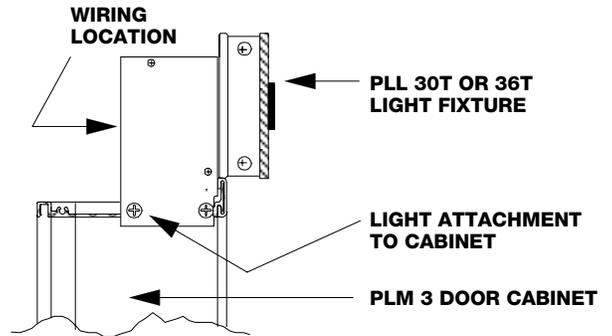


FIG. A

2. IF YOU ARE USING A PLL30T OR 36T TOP LIGHT AND A PLL33T SIDE LIGHT REFER NOW TO THE INSTRUCTIONS PROVIDED WITH THE FIXTURE (CABFAX DOC 491). THESE LIGHT FIXTURES ARE SUPPLIED WITH SPECIAL CONNECTORS TO ALLOW INSTALLATION ON THE SIDES OF THE CABINET.

THE LIGHT FIXTURE IS ATTACHED TO THE CABINET BEFORE THE CABINET IS ATTACHED TO THE WALL OR PLACED INTO THE WALL. SEE FIG. B.

**PLSK SIDE KIT
(USED ONLY WHEN
SURFACE MOUNTING)**

**INSTALL LAST
WHEN CABINET IS HUNG**

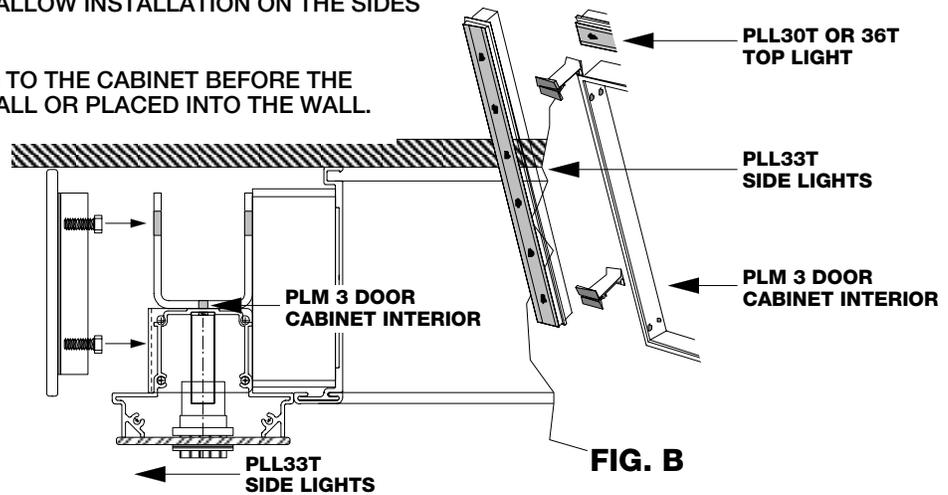


FIG. B

3. IF YOU ARE USING PLL1.5F SIDE LIGHT FIXTURES REFER NOW TO THE INSTRUCTIONS PROVIDED WITH THE FIXTURE (CABFAX DOC 449). THESE LIGHT FIXTURES ARE SUPPLIED WITH SPECIAL CONNECTORS TO ALLOW INSTALLATION ON THE SIDES OF THE CABINET.

THE LIGHT FIXTURE IS ATTACHED TO THE CABINET BEFORE THE CABINET IS ATTACHED TO THE WALL OR PLACED INTO THE WALL. SEE FIG. C

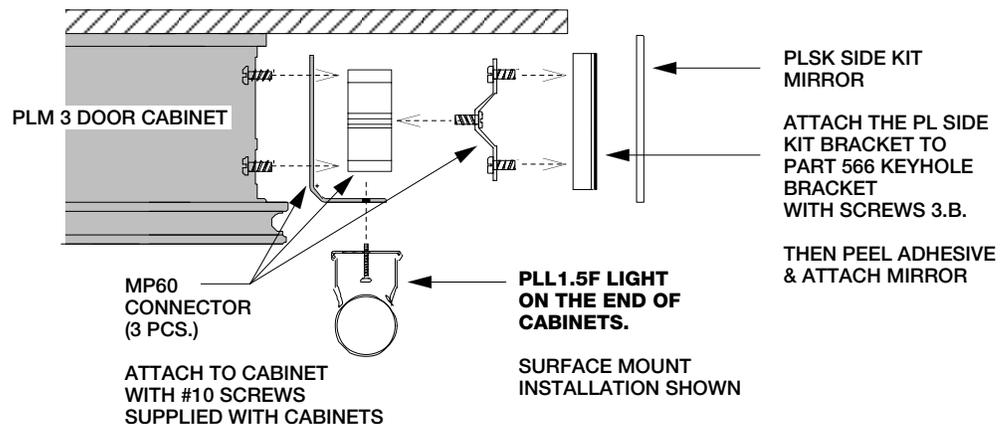


FIG. C

SELECTING LOCATION • SURFACE AND RECESS

1. CAREFULLY SELECT THE CABINET LOCATION, KEEPING IN MIND THE FOLLOWING:

A. CLEARANCE FROM FAUCETS MUST BE DETERMINED.

B. SIDE CLEARANCE FOR DOOR SWING SHOULD BE CHECKED. A TWO DOOR SET-UP NEEDS TO OPEN WIDER THAN THE OVERALL WIDTH FOR EFFECTIVE SIDE VIEW OF YOUR HEAD.

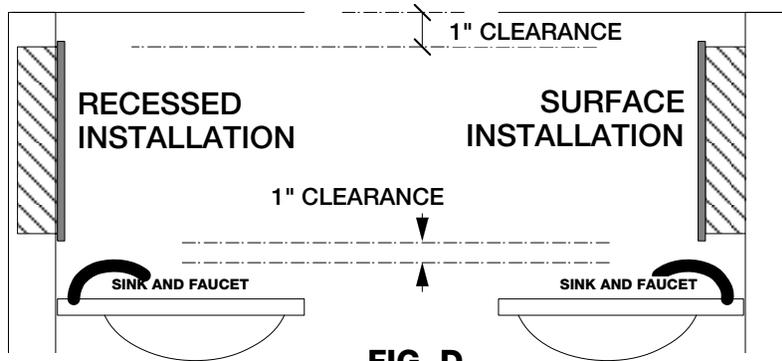
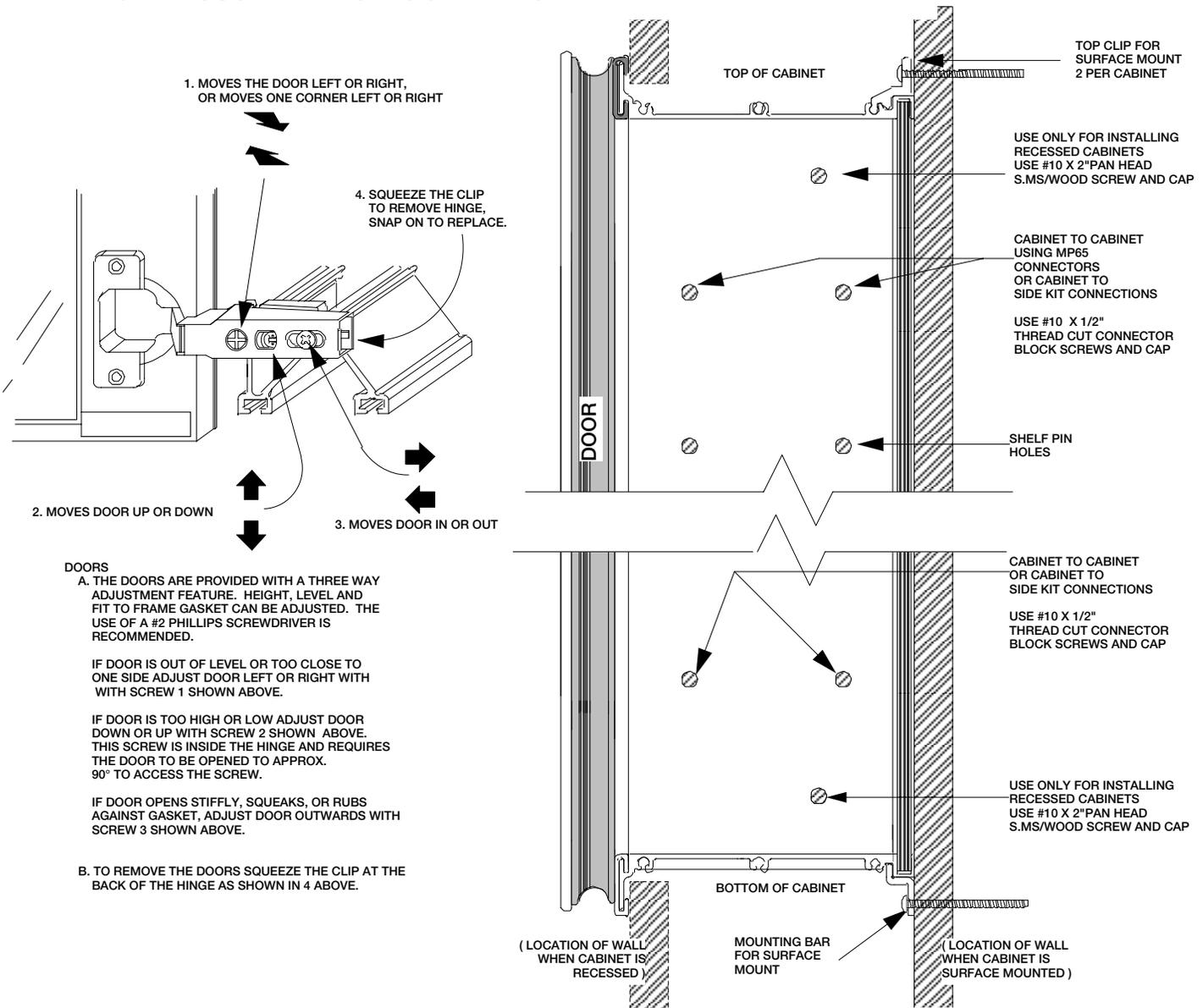


FIG. D

VERTICAL CROSS SECTION OF PLM30300 & PLM3630 CABINET HINGE ADJUSTMENT & DOOR REMOVAL FIG. E



DOORS

A. THE DOORS ARE PROVIDED WITH A THREE WAY ADJUSTMENT FEATURE. HEIGHT, LEVEL AND FIT TO FRAME GASKET CAN BE ADJUSTED. THE USE OF A #2 PHILLIPS SCREWDRIVER IS RECOMMENDED.

IF DOOR IS OUT OF LEVEL OR TOO CLOSE TO ONE SIDE ADJUST DOOR LEFT OR RIGHT WITH SCREW 1 SHOWN ABOVE.

IF DOOR IS TOO HIGH OR LOW ADJUST DOOR DOWN OR UP WITH SCREW 2 SHOWN ABOVE. THIS SCREW IS INSIDE THE HINGE AND REQUIRES THE DOOR TO BE OPENED TO APPROX. 90° TO ACCESS THE SCREW.

IF DOOR OPENS STIFFLY, SQUEAKS, OR RUBS AGAINST GASKET, ADJUST DOOR OUTWARDS WITH SCREW 3 SHOWN ABOVE.

B. TO REMOVE THE DOORS SQUEEZE THE CLIP AT THE BACK OF THE HINGE AS SHOWN IN 4 ABOVE.

RECESSED CABINET INSTALLATION (SEE PAGE 5 FOR SURFACE INST.)

1. THE ROUGH OPENING MUST BE AT LEAST 4" DEEP AND MUST BE FRAMED ON ALL FOUR SIDES TO INSURE A STRONG INSTALLATION.
2. PLACE THE CABINET (AND LIGHT) INTO THE ROUGH OPENING. BE SURE THE BOTTOM IS LEVEL. INSTALL A #10 X 2" PAN HEAD SCREW THROUGH THE TOP HOLE SHOWN IN FIGURE E. PAGE 3.
3. BE SURE CABINET IS SQUARE. INSTALL SCREWS AS SHOWN IN FIG. E & F. DO NOT OVER TIGHTEN SCREWS.
4. PLACE BLACK CAPS OVER SCREW HEADS.
5. REINSTALL AND ADJUST DOORS SO THAT THERE IS A GAP OF 1/8" BETWEEN DOORS. THIS IS VERY IMPORTANT.
6. INSTALL SHELF CLIPS. THESE CLIPS ARE DESIGNED FOR A TIGHT FIT. A SLIGHT TWISTING MOTION MAY BE NECESSARY. INSTALL SHELVES AS SHOWN ON PAGE 7.

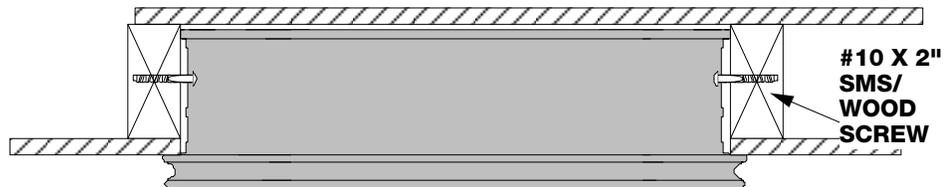


FIG. F

**CABINET SHOWN WITHOUT SIDE LIGHTS
TOP VIEW**

7. WHEN USING SIDE LIGHTS THE DETAIL FOR INSTALLATION IN THE ROUGH OPENING DIFFERS. REFER TO THE INSTRUCTIONS SUPPLIED.

SURFACE MOUNTED PLM INSTALLATION (SEE PAGE 4 FOR RECESSED INST.)

1. EACH CABINET IS SHIPPED WITH AN ALUMINUM "Z" MOUNTING BAR.
2. IT IS STRONGLY RECOMMENDED THAT A SUPPORT SIMILAR TO THAT USED FOR A WALL MOUNTED SINK BE FRAMED IN THE WALL DURING CONSTRUCTION AS SHOWN BELOW. A COMPLETED THREE DOOR UNIT IS 50 LBS EMPTY.

3. DRILL A 7/32" HOLE THROUGH THE INDENT LINE ON THE MOUNTING BRACKET (SEE FIGURE G) AT THE STUD OR FURRING STRIP LOCATION. USE THE PLASTIC ANCHORS SUPPLIED IF NO FURRING STRIP HAS BEEN INSTALLED, MAKING SURE EACH CABINET IS SUPPORTED BY AT LEAST THREE ANCHORS. A THREE CABINET INSTALLATION SHOULD HAVE 9 ANCHORS IN THE MOUNTING BRACKET. FOLLOW INSTRUCTIONS BELOW FOR ANCHORS SUPPLIED. BE SURE MOUNTING BAR IS LEVEL.

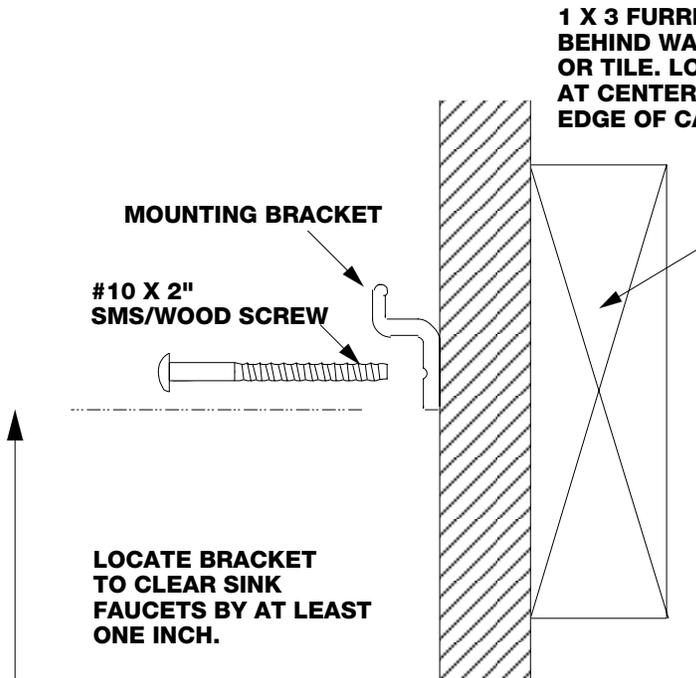


FIG. G

POLY-SET ANCHOR INSTRUCTIONS FOR HOLLOW WALLS

- A. DRILL 9/32" HOLE AND INSERT ANCHOR UNTIL FLANGE IS FLUSH.
- B. INSERT #10 X 2" SMS/WOOD SCREW THRU BRACKET AND ANCHOR. CONTINUE TO TURN THE SCREW TO FULLY EXPAND THE ANCHOR ACCORDING TO THE CHART BELOW.

TOTAL WALL THICKNESS	TURNS AFTER SCREW HEAD IS AGAINST BRACKET
1/2"	8-9 TURNS
5/8"	6-7 TURNS
3/4"	4-5 TURNS

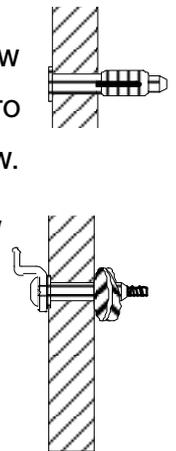


FIG. H

SURFACE MOUNTING THE TOP OF THE CABINET - WITHOUT LIGHTS

(SEE PAGE 6 FOR SURFACE MOUNTING THE CABINETS WITH LIGHTS)

1. TWO SMALL "Z" CLIPS ARE SUPPLIED FOR THE TOP OF EACH CABINET. THESE CLIPS SLIDE INTO THE SCREW CHANNEL ON TOP OF THE CABINET. HOLES FOR THE CLIPS CAN BE PREDRILLED IN THE WALL PER DIMENSIONS SHOWN IN FIGURE J.
2. MOUNT THE CONNECTED BOXES INTO THE BOTTOM "Z" BRACKET. TIGHTEN THE TOP CLIPS.
3. THE PLSK30 SIDE KIT IS USED TO FINISH THE TOP OF A SURFACE MOUNT INSTALLATION. USE 1/2" CONNECTOR BLOCK SCREWS AS SHOWN IN FIG. I.
4. FOLLOW THE INSTRUCTIONS 4. THROUGH 6. FOR RECESSED INSTALLATION ON PAGE 4.

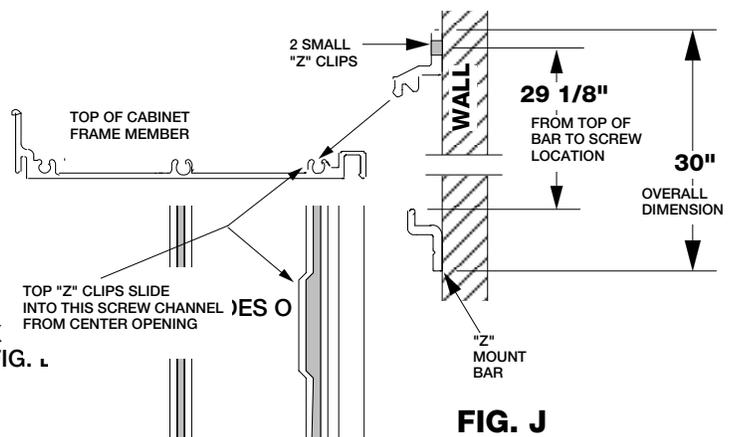


FIG. J

SURFACE MOUNTING THE TOP OF THE CABINET - WITH LIGHTS

(SEE PAGE 5 FOR SURFACE MOUNTING THE CABINETS WITHOUT LIGHTS)

1. TWO LARGE "Z" CLIPS ARE SUPPLIED FOR THE TOP OF EACH CABINET. THESE CLIPS SLIDE UP AND DOWN TO ENGAGE THE TOP OF THE CABINET. PREMOUNT THESE CLIPS AS SHOWN IN FIG. K.
2. MOUNT THE CONNECTED BOXES INTO THE BOTTOM "Z" BRACKET. SLIDE THE TOP CLIPS DOWN ONTO THE CABINET. TIGHTEN THE SCREW WITH AN OFFSET SCREWDRIVER.
3. THE PLSK30 SIDE KIT IS USED TO FINISH THE OF A SURFACE MOUNT INSTALLATION. USE THE #10 X 1/2" CONNECTOR BLOCK SCREWS AS SHOWN IN FIG. L. EXTRA MIRRORS TO COVER THE SIDES OF THE LIGHT ARE SUPPLIED WITH THE PLSK30 SIDE KIT. REFER TO THE INSTRUCTIONS SUPPLIED WITH THE SIDE KIT & LIGHT FOR INSTALLATION INSTRUCTIONS.
4. FOLLOW THE INSTRUCTIONS 4. THROUGH 6. FOR RECESSED INSTALLATION ON PAGE 4.

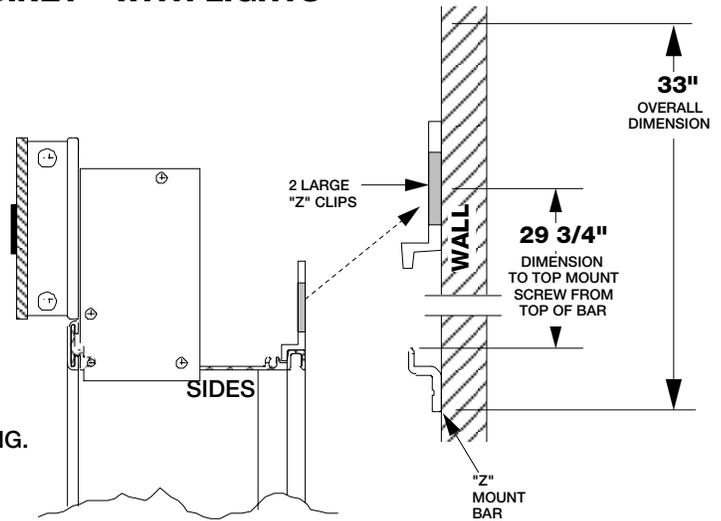


FIG. K

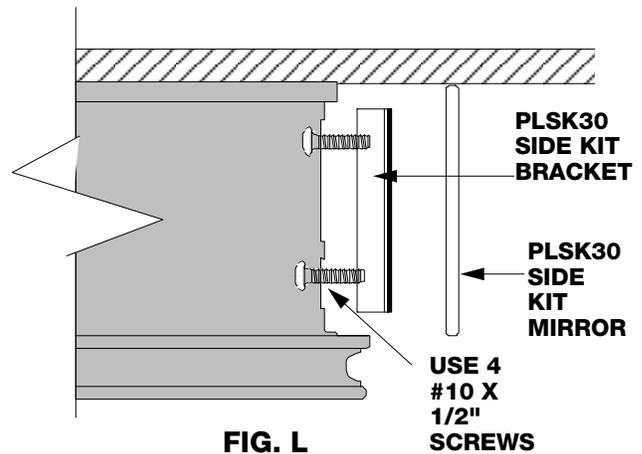


FIG. L

CHECKLIST • CARE & MAINTENANCE

1. DOORS

- A. THE DOORS ARE PROVIDED WITH A THREE WAY ADJUSTMENT FEATURE. HEIGHT, LEVEL AND FIT TO FRAME GASKET CAN BE ADJUSTED. THE USE OF A #2 PHILLIPS SCREWDRIVER IS RECOMMENDED.

IF DOOR IS OUT OF LEVEL OR TOO CLOSE TO ONE SIDE ADJUST DOOR LEFT OR RIGHT WITH SCREW 1 SHOWN ON PAGE 3 FIGURE E.

IF DOOR IS TOO HIGH OR LOW ADJUST DOOR DOWN OR UP WITH SCREW 2 SHOWN ON PAGE 3 FIGURE E. THIS SCREW IS INSIDE THE HINGE AND REQUIRES THE DOOR TO BE OPENED TO APPROX. 90° TO ACCESS THE SCREW.

IF DOOR OPENS STIFFLY, SQUEAKS, OR RUBS AGAINST GASKET, ADJUST DOOR OUTWARDS WITH SCREW 3 SHOWN ON PAGE 3 FIGURE E.

2. CLEANING

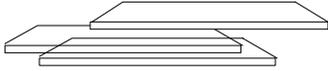
- A. THE CABINET DOOR AND INTERIOR ARE CONSTRUCTED OF MIRROR AND ALUMINUM. USE ONLY A DAMP CLOTH TO CLEAN. SPRAY THE CLOTH, NOT THE MIRROR WHEN CLEANING. MIRRORS ARE DAMAGED BY THE USE OF AMMONIA OR VINEGAR BASED CLEANERS. RUBBING ALCOHOL CAN BE USED FOR STUBBORN STAINS.
- B. USE NO ABRASIVE CLEANSERS ON ANY PART OF THE CABINET. THE GASKET CAN BE CLEANED WITH A MILD NON ABRASIVE CLEANER SUCH AS BON AMI OR SOFT SCRUB.

PARTS LIST FOR PLM CABINETS

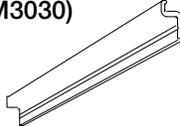
1. PLM CABINET • SEE SUFFIX CODES BELOW FOR MODEL OPTIONS

2. GLASS SHELVES

3 SHELVES ARE PROVIDED WITH EACH CABINET.

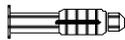


3. "Z" MOUNTING BRACKET • THIS 30" LONG BRACKET IS USED FOR SURFACE MOUNTED CABINETS. (CUT TO 25 1/2" FOR PLM3030)



4. HARDWARE BAG • CONTAINS THE FOLLOWING:

A. 5 PLASTIC ANCHORS



B. 36 BLACK OR WHITE SHELF HOLE PLUGS



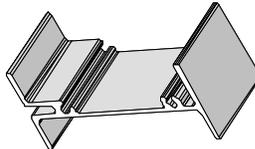
C. 5 SMS/WOOD SCREWS #10 X 2"



D. 10 CONNECTOR BLOCK SCREWS #10 X 1/2"



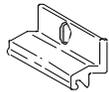
E. 2 MP65 CONNECTOR BLOCKS



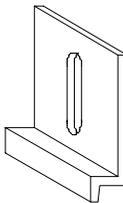
F. 10 BLACK OR WHITE SCREW HEAD CAPS



G. 2 SMALL TOP MOUNT "Z" CLIP



H. 2 LARGE TOP MOUNT "Z" CLIP



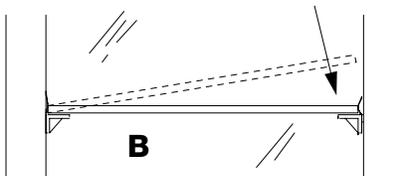
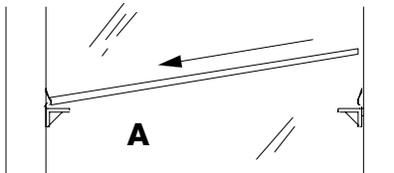
I. 12 CLEAR SNAP-IN SHELF CLIPS



Snap-in Shelf Clips

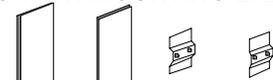
A. Push one side of the shelf into the left or right clips.

B. Snap the shelf down into the opposite side. If the shelf is too tight, repeat the process from the other side.

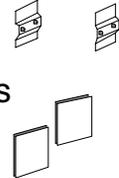


PARTS LIST FOR PLSK30 SIDE KIT

1. 2 MIRRORS WITH MOUNTING BRACKETS



2. 2 3" X 3 3/4" MIRRORS



3. 2 2" X 2" ADHESIVE PADS



PLSK30 SIDE KIT IS AVAILABLE SEPARATELY.

IT IS USED ONLY WHEN CABINETS ARE SURFACE MOUNTED.

ITEMS #2 AND #3 ARE ATTACHED TO THE SIDES OF THE LIGHT WHEN SURFACE MOUNTED

SEE INSTRUCTIONS SUPPLIED WITH FIXTURE FOR MIRROR TO LIGHT INSTALLATION

**Limited Warranty
One Year Term**

ROBERN warrants to the original purchaser that, it will, at its election repair, replace, or make appropriate adjustment to products made by this company shown to have significant defects in material or workmanship which are reported to ROBERN in writing within one (1) year from the date of delivery. ROBERN is not responsible for installation costs.

The warranty time period for operating components including door hinges and opening devices to the original owner extends beyond the one year term.

The warranty is void in the event the product is damaged in transit, or if damage or failure is caused by abuse, misuse, abnormal usage, faulty installation, damage in an accident, improper maintenance, or any repairs other than those authorized by ROBERN. At the expiration of the one year warranty period, ROBERN shall be under no further obligation under any warranty, expressed or implied, including the implied warranty of merchantability.

ROBERN shall not be liable for any consequential damages arising out of or in connection with the use or performance of its products. some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Any liability against ROBERN under any implied warranty, including the warranty of merchantability, is expressly limited to the terms of this warranty.

Permission to return any merchandise under this warranty must be authorized by ROBERN and returned prepaid by the purchaser.

Claims under this warranty should be sent directly to your dealer.

PLEASE NOTE:

1. A SQUARE AND PLUMB INSTALLATION INSURES PROPER DOOR OPERATION. A SQUARE AND LEVEL ARE NECESSARY FOR PROPER INSTALLATION.
2. IMPROPER INSTALLATION VOIDS THE WARRANTY. INSTALLED CABINETS CANNOT BE RETURNED.
3. IF YOU EXPERIENCE ANY PROBLEMS WITH YOUR CABINET HAVE YOUR SERIAL NUMBER READY AND CONTACT YOUR DEALER OR ROBERN DIRECTLY.
ROBERN, INC • P.O. BOX 2145 • BRISTOL, PA
19007 800.378.8774 • FAX 215.826.9633

FILL IN YOUR SERIAL NUMBERS AND MODEL NUMBERS HERE:

MODEL# _____
 SERIAL # _____
 MODEL# _____
 SERIAL # _____
 MODEL# _____
 SERIAL # _____
 MODEL# _____
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THE FOLLOWING PATENTS
APPLY TO THIS PRODUCT:
U.S.PAT. NO. 5,355,627

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SS530 PLM 3 DR INST 4/01