

EXISTING  
REFRIGERATOR

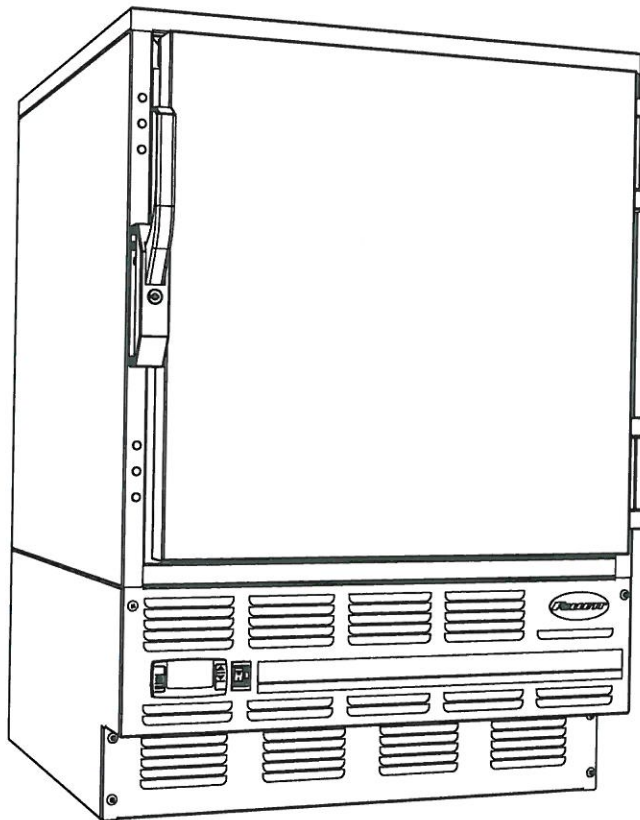


# REF Series Undercounter Refrigerator

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## Installation, Operation and Service Manual

Serial numbers C45184 to D27207



Following installation, please forward this manual  
to the appropriate operations person.

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00193458R02

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# Welcome to Follett

Follett equipment enjoys a well-deserved reputation for excellent performance, long-term reliability and outstanding after-the-sale support. To ensure that this product delivers that same degree of service, we ask that you take a moment to review this manual before beginning the installation. Should you have any questions or require technical help at any point, please call our technical service group at (800) 523-9361 or (610) 252-7301.

## Before you begin

After uncrating and removing all packing material, inspect the equipment for concealed shipping damage. If damage is found, notify the shipper immediately and contact Follett Corporation so that we can help in the filing of a claim, if necessary.

Check your paperwork to determine which item number you have. Follett item numbers are designed to provide information about the type of refrigerator you are receiving. Following is an explanation of the different item numbers.

Model Number	Item Number	Keypad	Stackable/Use with Pedestal	Factory-installed Chart Recorder
REF5	REF5-00000			
	REF5-KP0000	X		
	REF5-00ST00		X	
	REF5-KPST00	X	X	
REF4-ADA	REF4-000000			
	REF4-KP0000	X		
	REF4-00ST00		X	
	REF4-KPST00	X	X	

## Specifications

### Series specifications

REF4-ADA	31.25" height	fits below 34" high ADA-compatible counter	4.0 cu ft capacity
REF5	34.00" height	fits below standard 36" high counter	4.8 cu ft capacity

### Electrical specifications

115V, 60Hz, 1 phase

Full load amps: 8.0

Minimum circuit ampacity: 15 amp

Maximum size of branch circuit overcurrent device: 15 amp

### Refrigeration specifications

Refrigerant – R404A

Charge size – 7.9 oz

Maximum design pressures:

High side – 375psi

Low side – 174psi

### Installation specifications

Ambient temperature must not exceed 100 F (38 C).

The front louvered panel must be kept free of any cabinet trim or obstructions to ensure proper ventilation of the refrigeration system.



### Important cautions

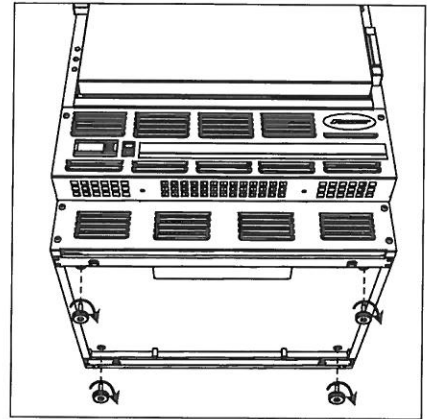
- Equipment must be wired according to local and NEC codes.
- Always disconnect power before servicing refrigerator.

# Installation

## Installing legs – required

1. Remove legs from plastic bag packed inside refrigerator.
2. Tip refrigerator back and screw legs in all the way to stop (they will extend 1/8" below base of REF).
3. Adjust legs as needed to level REF in both directions. To access legs, remove the lower front panel. Turn legs clockwise to extend legs.

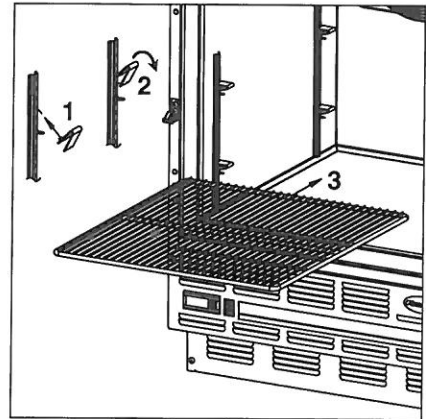
Fig. 1



## Installing shelves – required

1. Remove shelves and shelf brackets packed inside refrigerator. (If ordered, find cut-out upper shelf accessory in separate box.)
2. Install shelf brackets in pilasters (insert top tab, squeeze and push in lower tab).
3. If ordered, position cut-out upper shelf accessory below evaporator with cut-out around drain.

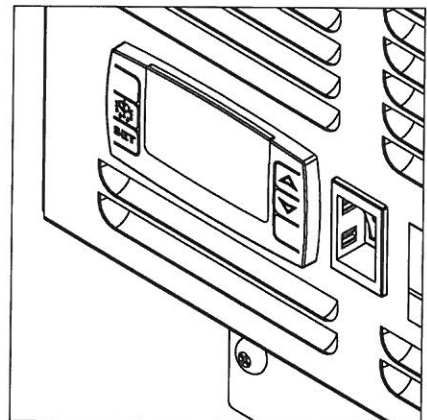
Fig. 2



## Changing temperature controller settings – optional

Follett's temperature controller is pre-programmed with a 34 F set point and °F display. The 34° set point delivers a temperature range of 34 F – 38 F that may not meet the needs of your specific application. Follett's controller set point can be changed to deliver the required range in either °F or °C. Refer to page 6 for instructions on changing set point and/or display to °C.

Fig. 3





## Reversing the door swing – optional

### NOTICE

**When reinstalling latch and hinge screws, 242 blue Loctite\* MUST be applied to screws. Torque screws to 25 in-lbs.**

1. Remove screws and latch from refrigerator cabinet (Fig. 4.1).
2. Use flat screwdriver to carefully remove (do not scratch) hinge covers (Fig. 5.1).
3. Support door and remove screws attaching hinge to refrigerator cabinet (Fig. 5.2).
4. Cover hinge screw holes with screw hole plugs removed from opposite side.
5. Reverse door. Apply 242 blue Loctite\* to hinge screws and reinstall torqued to 25 in-lbs.
6. Reinstall latch on opposite side.
7. Remove screws and handle from door (Fig. 6.1).
8. Rotate handle (Fig. 6.2).
9. Apply 242 blue Loctite to latch screws and reinstall torqued to 25 in-lbs.

**Note:** See keypad lock manual for reversing a door equipped with a keypad lock.

Fig. 4

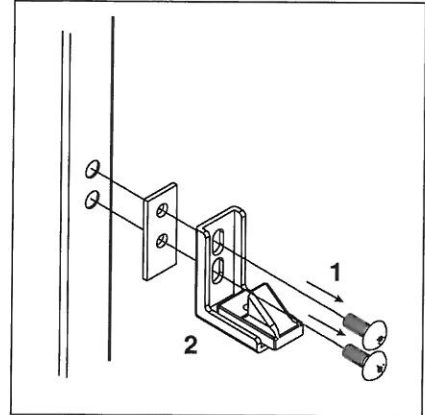


Fig. 5

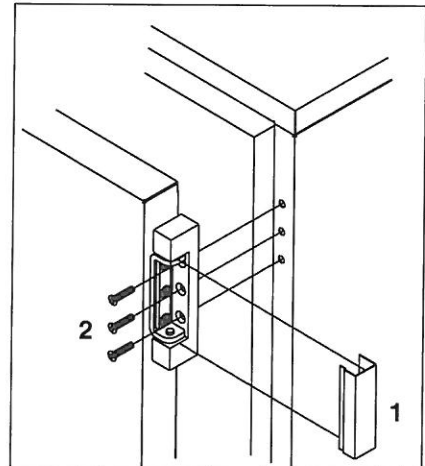
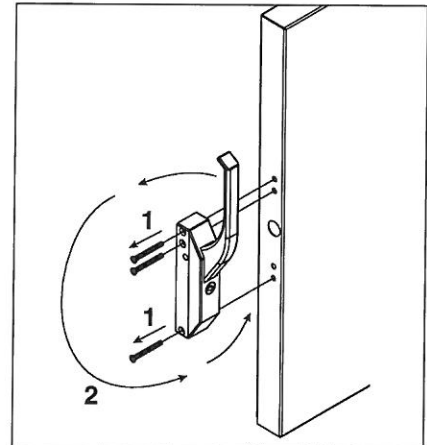


Fig. 6



\*Loctite is a registered trademark of Henkel Corporation in the United States and other countries.

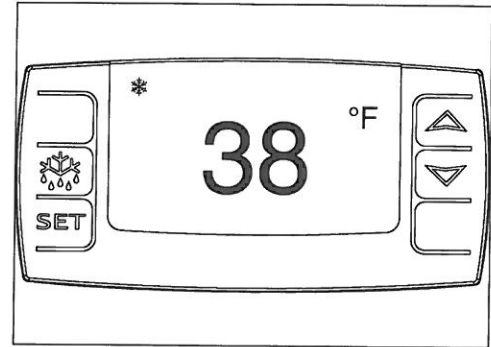
## Controller operation

In normal operation the controller displays cabinet temperatures in °F (default) or user-selected °C. °C temperatures are displayed to 1 decimal point.

A snowflake LED displays when the compressor is running.

The controller is pre-programmed with a 34 F set point which provides a compressor cut-in at 38 F and cut-out at 34 F. This may not meet your specific application needs. For example, many pharmaceutical manufacturers recommend that their refrigerated medications be stored between 36 F and 46 F. Instructions for changing the set point are found below.

Fig. 7



Refer to the chart below for the set point for your application's required temperature range:

Set point °F/°C	Cut-in/ Cut-out °F	Cut-in/ Cut-out °C	Normal display range temperature °F/°C
34° / 1.1°	38° / 34°	3.3° / 1.1°	32° - 38° / 0° - 3.3°
35° / 1.7°	39° / 35°	3.9° / 1.7°	33° - 39° / .6° - 3.9°
36° / 2.2°	40° / 36°	4.4° / 2.2°	34° - 40° / 1.1° - 4.4°
37° / 2.8°	41° / 37°	5° / 2.8°	35° - 41° / 1.7° - 5°
38° / 3.3°	42° / 38°	5.6° / 3.3°	36° - 42° / 2.2° - 5.6°
39° / 3.9°	43° / 39°	6.1° / 3.9°	37° - 43° / 2.8° - 6.1°
40° / 4.4°	44° / 40°	6.7° / 4.4°	38° - 44° / 3.3° - 6.7°
41° / 5°	45° / 41°	7.2° / 5°	39° - 45° / 3.9° - 7.2°

All set points have a 4 F differential (HY setting on the controller). The 4 F differential means that with a 34 F set point, for example, the compressor will turn off at 34 F and turn on when it reaches 38 F.

To display temperature cut-out		
STEP	INPUT	DISPLAY
1	Press and release SET	Current cut-out temperature will display for approximately 5 seconds. Display will return to current refrigerator temperature.

To change temperature cut-out		
STEP	INPUT	DISPLAY
1	Press and hold SET for 3 seconds	Current cut-out temperature displayed and °F will flash.
2	Press UP or DOWN arrows to desired cut-out temperature per above table	New cut-out temperature displayed.
3	Press and release SET	New cut-out temperature blinks three times, then current refrigerator temperature will display.

## Controller security

The controller panel can be locked to prevent inadvertent or intentional programming changes. In locked mode, the controller will display cabinet temperature and cut-out set point only.

### To lock the controller

1. Press the UP and DOWN ARROW buttons together for 3 seconds until "PoF" displays (will flash 3 times).
2. Programmer is now locked.

### To unlock the controller

1. Press UP and DOWN ARROW buttons together for 3 seconds until "Pon" displays (will flash 3 times).
2. Programmer is now unlocked

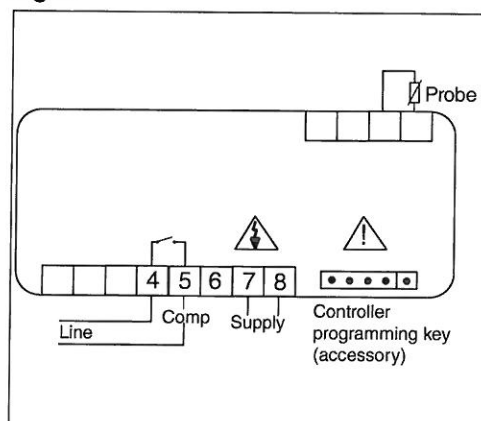
## Controller programmer key (optional accessory)

Controller programming keys are available from Follett to provide fast and easy conversion of factory programmed controllers from °F to °C (service part number 00183327) or back to °F (service part number 00183319). In addition both programming keys will accept user programmed cut-out settings to allow fast and easy transfer of these user selected settings to multiple refrigerators.

### Programming refrigerator from a key (download)

1. Turn OFF refrigerator.
2. Remove 6 screws from panel holding controller to access back of controller.
3. Insert appropriate programmed key into 5 PIN receptacle on controller back.
4. TURN ON refrigerator.
5. Values from key automatically download to refrigerator ("dol" message blinks followed by "end").
6. After 10 seconds display returns to current refrigerator temperature and controller will restart with new values.
7. TURN OFF unit.
8. Remove programming key.
9. Reinstall panel.

Fig. 8



**Note:** An "Err" message displays for failed programming. Turn refrigerator OFF then ON to restart download, or remove key to abort.

# Operation

The temperature control board and probe indicate when the refrigeration system is required to turn on and off.

The refrigeration system removes heat from the cabinet interior and rejects it to the surrounding room air. When the cabinet interior temperature reaches 4 F above the controller set point, the probe signals the controller to turn the refrigeration system on. The normally open controller contacts close and energize the evaporator and condenser fan motors and compressor. The compressor uses a current-style starting relay and a starting capacitor to start the compressor motor.

When the cabinet interior temperature falls to the set point, the probe signals the controller to turn the refrigeration system off. The controller contacts reopen, which de-energizes the evaporator and condenser fan motors and the compressor.

Any accumulated frost on the evaporator coils melts during the off cycle. The condensate drains to a plastic drain pan mounted above the condensing unit. The heat from the condensing unit evaporates any condensate in the drain pan.

## Temperature control

The temperature control system is preset by the factory to maintain a cabinet temperature of 34 F – 38 F. If desired, the cut-out temperature can be raised as high as 42 F by following the instructions on page 6 for changing the temperature set point. The 4 F cut-out differential will be maintained regardless of the controller set point.

## Defrosting

REF Series undercounter refrigerators do not require manual defrosting. The unit cooler defrosts automatically when the condensing unit is in the OFF cycle.

# Cleaning

Interior – Using a sponge or soft cloth, clean unit with a non-abrasive, non-chlorinated, all-purpose detergent.



**Use only non-chlorine-based cleaners. Cleaners containing chlorine can cause staining and pitting of the stainless steel.**

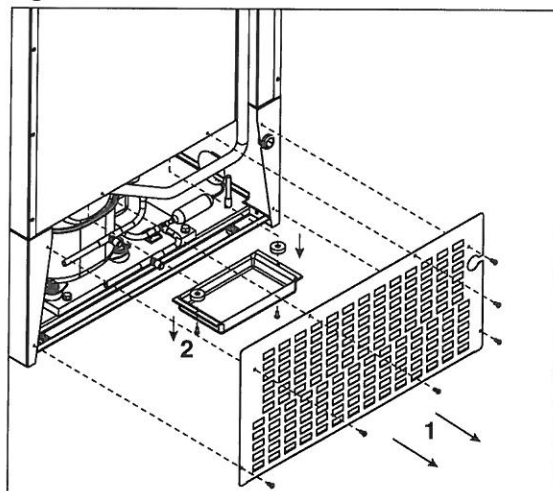
Exterior – Wipe exterior with a soft cloth in the direction of grain as needed. Stainless steel polish may be used to enhance the finish of the unit.

## Annual cleaning

Removal of dust and other particulates from air intake areas and the condenser is important for proper operation. Some environments with large amounts of dust may require more frequent cleaning.

1. Disconnect power to unit by turning switch on the lower front panel to the OFF position, switching circuit breaker to OFF position, and removing power cord from receptacle.
2. Remove lower front and rear panels (Fig. 9.1).  
**Note:** Front louvered panel may be removed for more frequent cleaning of the condenser as needed
3. Remove drain pan (Fig. 9.2).
4. Clean drain pan with a non-abrasive, non-chlorinated all-purpose detergent.
5. Reinstall drain pan.
6. Use a vacuum cleaner with brush attachment to clean condenser through lower front panel and compressor motor and related parts through lower rear panel.
7. Reinstall lower rear and lower front panels.

**Fig. 9**



# Service

## Latch adjustment

To adjust for proper latch engagement

1. Loosen striker plate mounting screws (Fig. 10.1).
2. Move striker plate up or down as required and tighten screws.
3. Test operation of latch.

To adjust for proper gasket seal

1. Loosen striker depth adjustment screw (Fig. 10.2).
2. Adjust stop in or out and tighten screws.
3. Test operation of latch.

## Door gasket replacement

1. Remove existing gasket from mounting track.
2. Verify mounting track is free of any remaining gasket material.
3. Align new gasket with mounting track and press firmly in place.
4. Open and close door, checking for proper gasket seal without pinching against refrigerator.
5. Adjust latch and or striker as necessary for proper door closure.

## Slide-out compressor tray

Follett's slide-out compressor tray allows technicians to partially slide the condensing unit from the refrigerator back without cutting refrigerant lines.

1. Remove rear panel (Fig. 11.1).
2. Remove two screws and spacers securing condensate pan, and set pan aside (Fig. 11.2).
3. Remove two bolts securing condensing unit to refrigerator base (Fig. 11.3).
4. Gently slide condensing unit out (Fig. 11.4).

**Note:** Do not put undue strain on the refrigerant lines.

Fig. 10

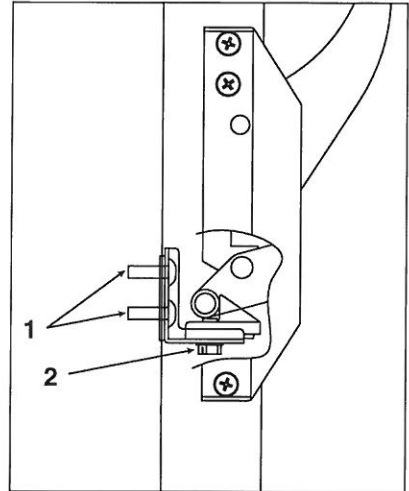
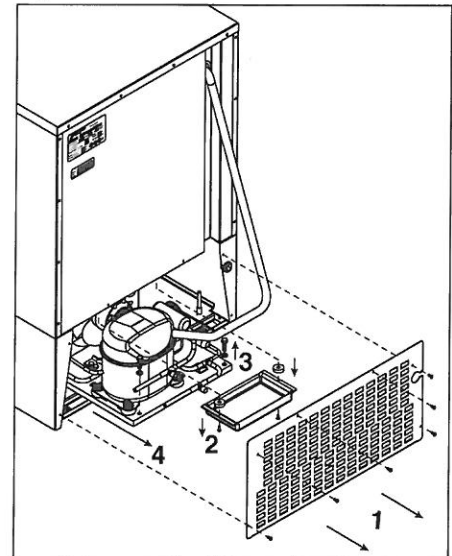


Fig. 11

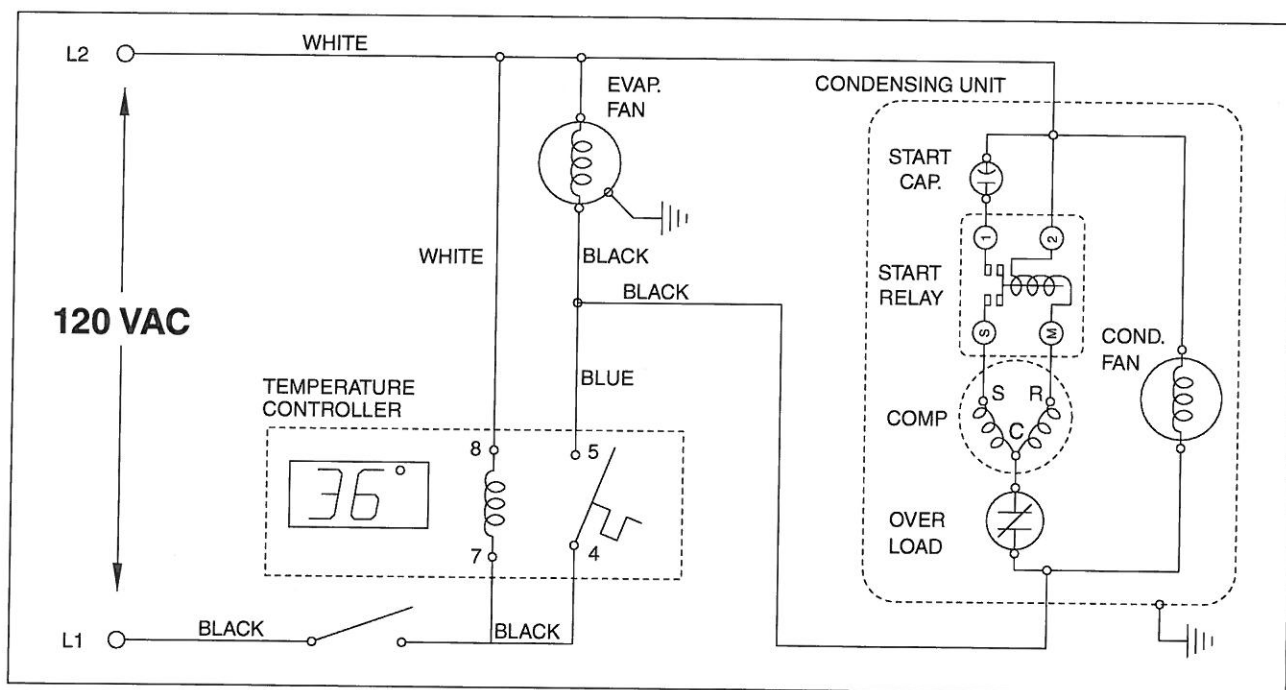




## Controller replacement

1. Disconnect power to unit:
  - a. Push front panel rocker switch to OFF position.
  - b. Switch circuit breaker to OFF position and disconnect power cord.
2. Remove 4 screws from front panel to access back of controller.
3. Disconnect front panel wiring harness from refrigerator at 5 pin connector.
4. Disconnect wiring from controller back.
5. Push in at center of orange\* brackets to release and slide brackets back and off of controller.
6. Push controller out through front of front panel.
7. Insert controller through front of panel.
8. Slide brackets onto sides of controller and push against back of panel.
9. Reconnect wiring to controller.
10. Reconnect 2 and 3 pin connectors to refrigerator wiring harness.
11. Replace front panel, restore power and test operation. Reprogram replacement controller if necessary.

## Wiring diagram



## Refrigeration system

The REF Series refrigeration system is designed to give many years of trouble-free service. Except for routine cleaning of the air-cooled condenser and related parts, the refrigeration system requires no service or maintenance. The system uses a capillary tube and is critically charged. Access fittings are provided for ease of service. However, the connection of refrigeration service hoses to the fittings will almost invariably result in a significant change in the system charge. This change can adversely affect the performance of your refrigerator. Therefore, Follett recommends that if hoses are ever connected to the refrigeration system for service, the refrigerant should be recovered, the system evacuated, and recharged by weighing in the correct refrigerant charge.

**Note:** Do not charge the system by pressures.

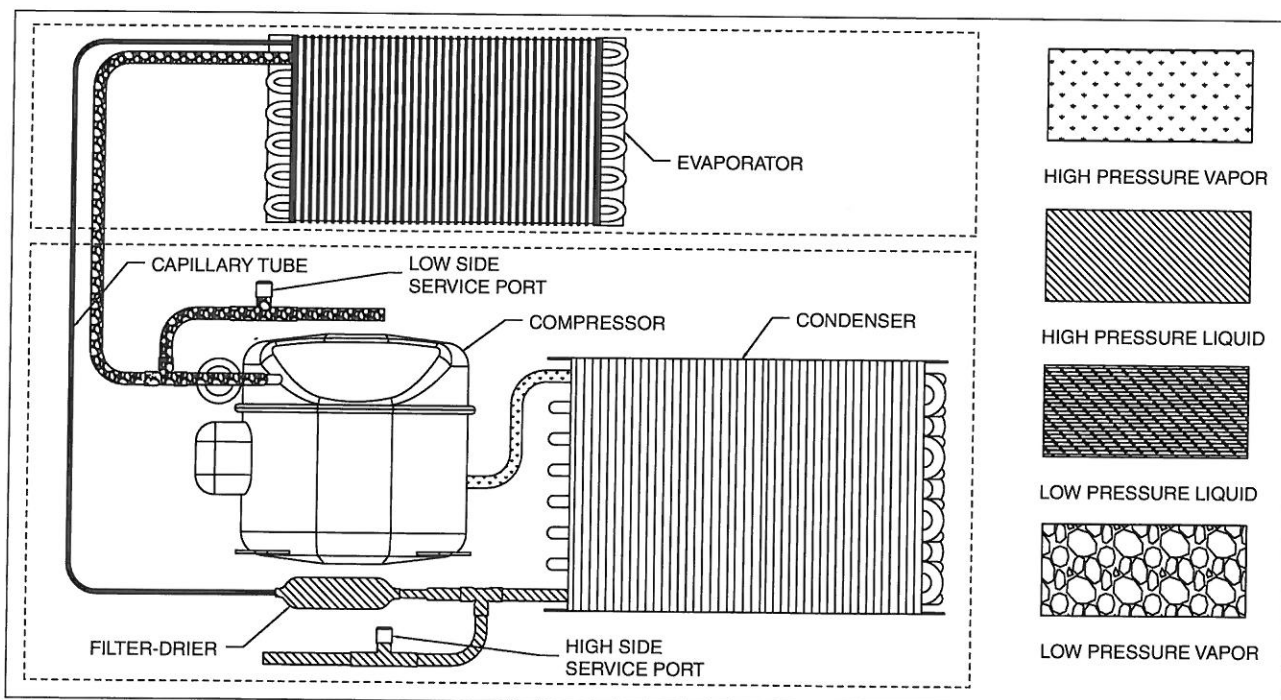
## Checking refrigeration system pressures

1. Remove the rear access panel (Fig. 11).
2. Turn the power switch to the on position.
3. Following the instructions on page 6 verify that the temperature controller is set to the original factory cut-in setting of 38 F.
4. Allow the refrigerator to operate and stabilize at least 30 minutes, verifying the cut-out temperature is being reached.
5. Connect refrigerant hoses to access fittings and measure air temperature at condensor intake grille.
6. Verify correct pressures with the temperature chart below.
7. Troubleshoot refrigeration system as needed.

<b>Condensor inlet air temperature</b>	70	80	90	100
<b>Discharge pressure</b>	198	230	270	311
<b>Suction pressure</b>	25	31	38	46

**Note:** Do not attempt to obtain correct refrigeration pressures by adjusting the system charge.

## Refrigeration system diagram



## Refrigerator troubleshooting guide

### Before calling for service

1. Check that unit is plugged in.
2. Test outlet with another appliance to verify power.

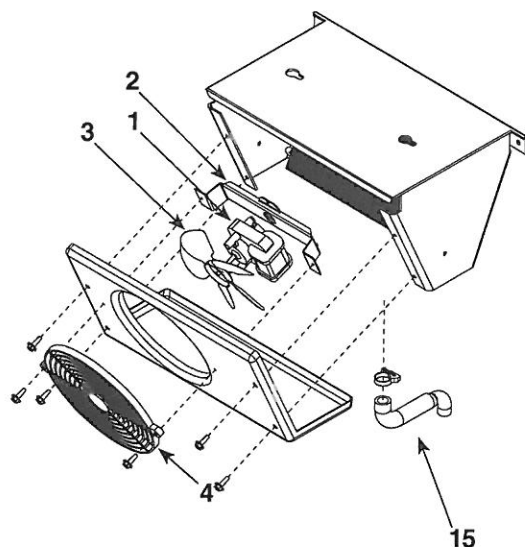
Symptom	Possible cause	Solution
Refrigerator does not operate (no components run).	<ol style="list-style-type: none"> <li>1. Power switch faulty or in OFF position; loose connection.</li> <li>2. Refrigerator not plugged in.</li> <li>3. No power to cord.</li> <li>4. Temp controller not energizing components.</li> <li>5. Probe not sensing cut in temperature.</li> </ol>	<ol style="list-style-type: none"> <li>1. Turn power switch to ON position; check switch and connections.</li> <li>2. Connect plug.</li> <li>3. Restore power.</li> <li>4. Check controller contact terminals for power. Replace controller if needed.</li> <li>5. Replace controller and/or probe.</li> </ol>
Compressor does not run.	<ol style="list-style-type: none"> <li>1. Thermal overload open or defective.</li> <li>2. Capacitor and/or relay defective.</li> <li>3. Compressor defective.</li> </ol>	<ol style="list-style-type: none"> <li>1. Allow to cool or replace.</li> <li>2. Replace as required.</li> <li>3. Replace compressor.</li> </ol>
Evaporator fan motor does not run.	<ol style="list-style-type: none"> <li>1. Defective fan motor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace fan motor.</li> </ol>
Refrigerator does not shut off.	<ol style="list-style-type: none"> <li>1. Controller not sensing cut off temperature.</li> <li>2. Controller keeping refrigeration system energized.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace controller and/or probe.</li> <li>2. Replace controller.</li> </ol>
Refrigerator does not maintain temperature (all components run).	<ol style="list-style-type: none"> <li>1. Condenser or evaporator coil needs cleaning.</li> <li>2. Faulty door gasket.</li> <li>3. Excessively high ambient.</li> <li>4. Refrigerant leak.</li> <li>5. Incorrect refrigerant charge.</li> <li>6. Plugged capillary tube.</li> <li>7. Inefficient compressor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean coils as needed.</li> <li>2. Replace door gasket.</li> <li>3. Maximum recommended ambient is 100 degrees F.</li> <li>4. Locate and repair leak.</li> <li>5. Recover, evacuate and weigh in correct charge.</li> <li>6. Replace capillary tube.</li> <li>7. Consult technical service.</li> </ol>

**If problems persist after following this basic troubleshooting guide, call Follett's technical service group at (800) 523-9361 or (610) 252-7301.**

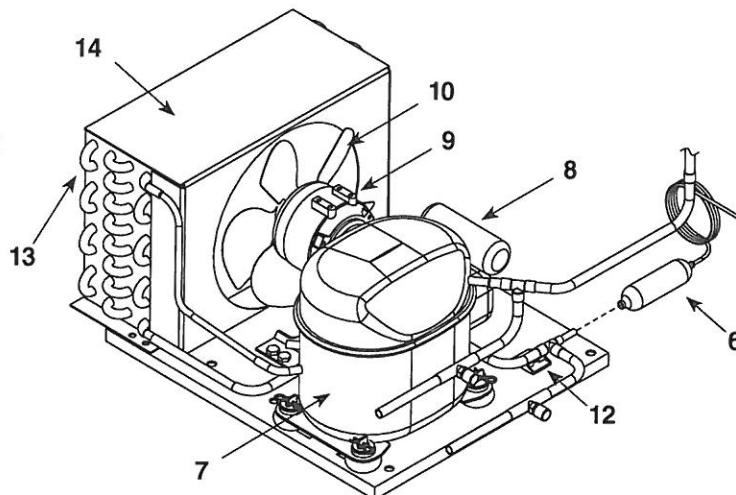
# Replacement parts

Order parts online  
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Evaporator - Reference #5

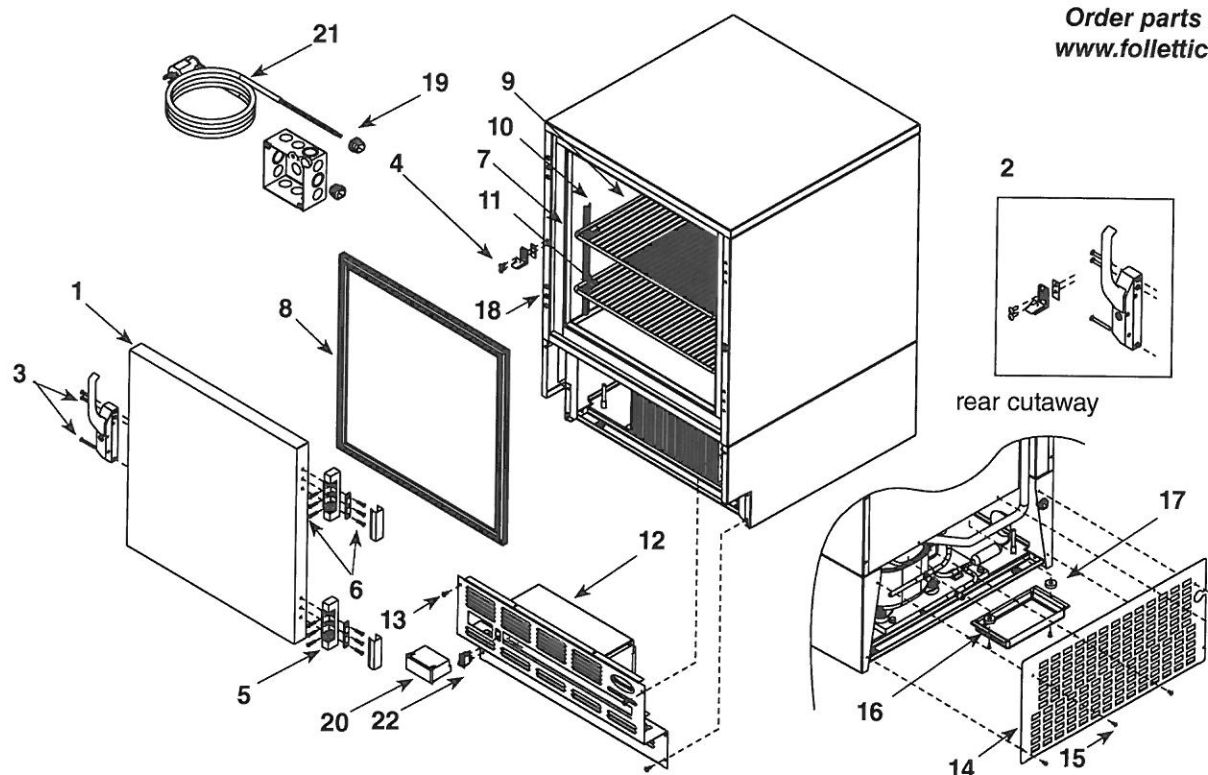


Condensing unit - Reference #11



## Refrigeration

Reference #	Description	Part #
1	Fan motor, evaporator	00104919
2	Bracket, fan motor	00104927
3	Fan blade	00104935
4	Fan guard	00104943
5	Evaporator (includes parts above)	00104885
6	Filter drier & capillary tube	00103267
7	Compressor	00104950
8	Starting capacitor	00104968
Not shown	Starting relay	00104976
Not shown	Overload protector	00104984
9	Condenser fan motor	00104992
10	Condenser fan blade	00105007
Not shown	Fan motor bracket	00157412
11	Condensing unit	00105106
12	Wiring strain relief	00105577
13	Condenser	00105619
Not shown	Cap, starting capacitor	00105627
14	Shroud, condenser	00157347
15	Drain tube, evaporator (includes clamp)	00121681



## Hardware

Reference #	Description	Part #
1	Door, REF5 (includes gasket – 21 3/8" x 21 3/8")	00105015
Not shown	Door, REF4-ADA (includes gasket – 21 3/8" x 18 5/8")	00113910
2	Latch & striker (includes screws)	00105023
3	Latch screws (each – 3 per latch)	00103507
4	Striker screws (each – 2 per striker)	502287
5	Hinge (each – 2 required, includes screws)	00105031
6	Hinge screws (each – 6 per hinge)	00105080
7	Strip sealer (set of 4), REF5	00130138
Not shown	Strip sealer (set of 4), REF4-ADA	00130146
8	Gasket, REF5 (21 3/8" x 21 3/8" door)	00125732
Not shown	Gasket, REF4-ADA (21 3/8" x 18 5/8" door)	00127738
9	Shelves, full (each)	00103283
Not shown	Shelf, upper (cut out)	00127753
10	Pilaster (each)	00105346
Not shown	Thumb screws (set of 8)	00105353
11	Shelf support (snap-in, each)	00156240
12	Lower front panel (includes 00114371 and screws)	00130120
13	Front panel screws (each – 6 per panel)	00105379
14	Rear panel (includes screws)	00130161
15	Screws, rear panel (each – 6 per panel)	00105387
16	Condensate tray (includes screws & spacers)	00103275
Not shown	Key	00105072
17	Spacer, condensate pan	00105098
Not shown	Seal, bushing, rear panel	00114512
18	Finishing plug	00105536
Not shown	Leveling leg	00128900
19	Strain relief, power cord	00105403



### Electrical components

---

20	Temperature controller	00183293
Not shown	Temperature probe and harness	00183731
21	Power cord	00103903
22	Power switch, recessed mount	00114371
Not shown	Strain relief, wiring, front panel	00105577
Not shown	Programming key °F	00193342
Not shown	Programming key °C	00193359

### Temperature alarm accessory

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Not shown	Bottle kit (includes bottle, bracket and gasket)	00113779
Not shown	Controller kit (includes battery, probe and power supply)	00108175
Not shown	Gasket, bottle	00112029
Not shown	Bracket, bottle	00112011
Not shown	Bottle	00112037
Not shown	Battery	00112177
Not shown	Screws, (includes two for securing cover)	00115063
Not shown	Label, controller cover	00115071
Not shown	Temperature probe	00115097

### Door brackets for medication dispensing systems

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Not shown	Omniceil door bracket	00158014
Not shown	Pyxis door bracket	00114702



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## Specifications

### Product Specifications

#### Dimensions and Capacity:

Width (in.)	28
Depth w/ handle (in.)	31.625
Depth w/o handle (in.)	28.625
Height to Top of Case (in.)	56.625
Height to Top of Hinge (in.)	60.25
Depth w/ Door Open 90 Degrees (in.)	55.375
Depth without Door (in.)	27.625

#### Product Overview:

Automatic Defrost	Yes
Door Hinges	Right

#### Color:

Color Family	White
Handle Color	White
Door Color	White
Cabinet Color	White

#### Capacity:

Overall Capacity (cu. ft.)	13.7
----------------------------	------

#### Energy:

ENERGY STAR Compliant	Yes
Estimated Hrs. per Year	621

#### General Features:

Power Cord Included	Yes
Adjustable Caster	Yes
Commercial Grade	No
Ice Maker	No
Defrost Water Drain	No
Freezer Interior Light	Yes
Number of Storage Baskets	1
Control Type	Manual
Freezer Shelf Material	Wire
Number of Freezer Door Bins	5
Number of Freezer Shelves/Baskets	3
Door Style	Flat
Door Finish	Textured

#### Warranties & Coverage:

General Warranty	1 year limited
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#### Freezer Features:

Defrost System	Frost-free
----------------	------------

#### Freezer Conveniences:

Temperature Alarm	Yes
-------------------	-----

NEW!  
TOLL  
FREE

002

## Sears Protection Agreements select one

Keep your refrigerator, freezer or ice maker running like new for years to come with the Guaranteed BEST Protection. Enjoy the peace of mind that comes from having a plan that delivers what it promises. Our [refrigerator repair](#) technicians have the training and knowledge to get every job done right. You'll get:

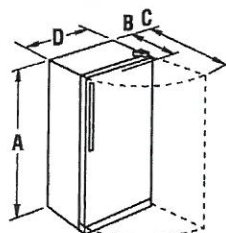
- **Worry-Free Coverage** – Unlimited service with no deductibles or fees
- **Replacement Guarantee** – If we can't fix it, we'll deliver and install a new one;



## Kenmore 14 cu. ft. Upright Freezer

## 46-28432 - White

- Frost-free
- 3 fixed, white wire shelves with two adjustable "bookend" shelf organizers
- 1 slide-out basket
- 5 fixed door bins
- High temperature alarm
- Door ajar alarm
- Power on light
- Interior lighting
- Control lock option
- Security lock
- 28" W x 60 1/4" H x 31 1/8" D
- Similar model 46-28442 also available



A - Height with Hinge  
B - Depth with Handle  
C - Depth with Doors Open 90°  
D - Width

Right Hinge - Facing the refrigerator, handle is on your left, hinges are on your right.

Allow 3" of air space on all sides of freezer

Dimensions, Inches	Height		Depth		Width	
	A	B	C	D		
26-28432	60 1/4	31 1/8	55 3/8	28		

Selection	
White	46-28432
Features	
Capacity (cu. ft.)	13.7
Defrost Type	Frost-Free
Air Baffle(s)	1, Enhanced
Full-Width Shelves	3 Fixed White Wire
Bulk Storage Basket(s)	1 Slide-Out
Door Shelves / Bins	5 Fixed
Electronic Digital Display	Exterior, Green LED w/Lockout
High Temperature Alarm	•
Power Signal Light	•
Interior Light	•
Door Handle	Reach-Thru
Door Hinge	Right Only
Door Alarm	•
Door Closers	•
Security Lock	•
Textured Steel Door and Cabinet	•
Est. Energy Consumption (kWh / yr.)	621
Est. Yearly Operating Cost*	\$56
Volts / Amps	115 / 5.0
Shipping Weight (Approx. Lbs.)	163

Warranty	
1-Year Limited Warranty - Entire Appliance	Parts & Labor

If used for other than private family purposes, warranty applies for only 90 days.

\*All energy \$ / Yr. figures are calculated at the national average cost of \$0.0906 / kWh. Energy rebates are offered and paid by the energy supplier in states where such programs exist. Criterion is based on percentage of energy efficiency attained beyond the 2006 standard. Dollar amounts may differ.



## Upright Freezer

Model No. 28502

5.0 cu. ft. Capacity

### Read This Manual!

It will tell you how to operate and care for your freezer. It also offers tips on how to get the best and lowest cost performance.

If you prefer installing your own parts, use the parts list to find the part number, do not use the illustration number.

In the space below record the model and serial number of your freezer. Each is printed on the model number plate located in the upper corner of the freezer back. Use these numbers when calling for service.

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

### Manual Contents:

- Warranty
- Installation
- Operation
- Maintenance
- Troubleshooting
- Parts

### Full One-Year Warranty on Freezer

For one year from the date of purchase, when this freezer is operated and maintained according to instructions attached to or furnished with the product, Sears will repair this freezer, free of charge, if found defective in material or workmanship.

### Full Five-Year Warranty on Sealed Refrigeration System

For five years from the date of purchase, when this freezer is operated and maintained according to instructions attached to or furnished with the product, Sears will repair the sealed system (consisting of refrigerant, connecting tubing, and compressor motor) free of charge, if found defective in material or workmanship.

The above warranty coverage applies only to a freezer which is used for storage of food for private household purposes.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

### Installation

#### Inspection

When your new freezer is delivered, check thoroughly for shipping damage and missing parts. If you find either, please notify Sears at once.

#### Location is Important

Your new freezer will work best in a dry, ventilated place, where the temperature falls between 65 and 110 F. Extreme temperatures can shorten the freezer's life. Very high temperatures (such as in an unventilated garage in summer) also will make your freezer cycle often, increasing its operating cost.

Your freezer must be allowed enough space for proper air circulation. This freezer is designed for FREESTANDING INSTALLATION ONLY and should not be recessed or built-in. Allow 3 inches of space on each side including the rear and 4 inches on the top of the cabinet. This is particularly important in hotter climates.

Pick a spot where the floor will support the weight of the freezer fully loaded. It is best to keep your freezer away from an oven or other heat source. Pick a safe place, indoors, away from flammables such as gasoline.

---

**Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.**

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## Leveling the Freezer

To ensure proper door seal and optimum performance, level freezer using the leveling legs located on its bottom front corner.

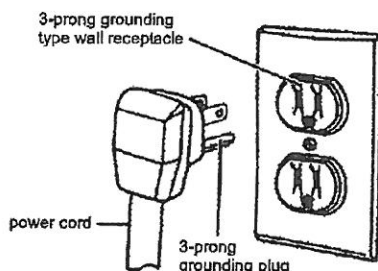
- Once your freezer is in the desired location, use a carpenter's level and adjust the leveling legs as necessary to make sure the cabinet is level side-to-side.
- Adjust the legs to achieve a 1/4 inch slope from front-to-back (1/2 bubble on a carpenter's level) to provide easy door closure and proper door seal.
- If the rear corners need to be raised, use shims made of wood or other hard material. Cardboard and other soft materials will not work.

## Electrical Requirements

- 120 Volts, 60 Hz (60 cycles AC), 15 amps
- DO NOT use an extension cord.
- Select an electric wall outlet that cannot be turned off by a switch or pull chain. Be sure that the electric outlet you select does not need a ceiling drop cord.
- Use a fuse or circuit-breaker protected circuit that will not become overloaded when the freezer is installed.

## Electrical Grounding

Your freezer comes with a three-prong plug and must be inserted into a three-prong, grounded wall outlet.



**WARNING:** Unless the grounding method described above is followed, you are not protected against severe or lethal shock in the event of the short circuit of the freezer's wiring or electrical components.

## Operation

### Starting

The freezer temperature can be regulated by adjusting the control. The evaporator forms the storage shelves of the unit which provides consistent freezing temperatures throughout the freezer. Freezer temperature will vary depending on the quantity of food stored and on the frequency of door openings.

Wait 4 hours before loading the freezer. It takes time to reach storage temperature. During this time the freezer may run constantly.

## Maintenance

### Defrosting



**DANGER:** Electrical Shock Hazard. Disconnect power before defrosting.

You should defrost your freezer when the frost becomes 1/4 inch thick. Further accumulation will reduce operating efficiency. How often you have to defrost depends on the type and amount of food you freeze, the temperature and humidity and the number of times you open and close the freezer. The period between defrosting can be extended by scraping frost every so often with a plastic scraper.

### Defrosting Steps

1. Turn the unit OFF.
2. Remove all food and place it in cardboard boxes or wrap it in several thicknesses of newspaper. This action will keep food safely frozen while you defrost and clean your freezer.
3. Leave the door open and wait for frost to soften. Place pans of hot water on the shelves or use an electric fan blowing into the freezer to speed defrosting. Do not use electric defrost devices as they can damage the plastic parts of your freezer.
4. Remove soften frost with a plastic or wooden scraper, or a cloth or sponge. **CAUTION: NEVER USE SHARP OBJECTS TO REMOVE FROST.** They could puncture freezing coils and severely damage the refrigeration system.
5. Defrost water will accumulate in the bottom of the interior cabinet which can be absorbed with a sponge or towel.
6. Clean the inside of the freezer. Cleaning instructions are described below and on the permanent use and care label on the inside of the freezer door.
7. Turn the unit back on and place the frozen foods back inside the freezer.

### Cleaning

- Use only mild soapy water to clean door gaskets.
- Turn off the freezer and remove foods. Wash interior liner with a solution of warm water and two table-spoons baking soda per one quart of water. Rinse and wipe clean. DO NOT use soaps, detergents, scouring powder, spray cleaner or the like for the liner. They may create unwanted odors in the freezer.
- Wash the exterior with detergent or soap and water. Rinse well and wipe dry.
- DO NOT use scouring powders or pads. Never use acids, chemical thinner, gasoline, benzene, or the like for cleaning any part of the freezer. Boiling water and benzene may deform and damage plastic parts.

## Loading the Freezer

To prepare food for freezing, use only containers and wrapping materials made especially for freezers. For fast efficient freezing DO NOT freeze more than three pounds of UNFROZEN food per cubic foot capacity of your freezer. For example, if the capacity of your freezer is 10 cubic feet, do not freeze more than 30 pounds of unfrozen food at one time. DO NOT place hot food in the freezer.

## Power Failure

**If electrical power fails and will remain off for less than 24 hours:** Keep the freezer door closed so its contents will remain frozen.

**If power will be off for more than 24 hours, do one of the following:**

- Take food to frozen food locker.
- Place dry ice in the freezer. First cover food packages with newspaper or cardboard. Then spread dry ice over this covering. Be careful that dry ice is not directly touching the food packages as it could "burn" the food.
- If locker storage space is not available, or you cannot get dry ice, use perishable food immediately.

## When Is It Safe To Refreeze Food?

If food still contains ice-crystals, it may be safe to refreeze it although its quality may suffer slightly. Refrozen food should be used as soon as possible. If food is completely defrosted but still cold to touch (lower than 40° F), use it immediately or cook food and then freeze for future use. If there is any question about whether food is good or not, dispose of it.

## Vacation/Moving

If you shut the freezer off for a period of time (more than 24 hours) or are moving the freezer: Remove all food and unplug the freezer. Clean thoroughly per Cleaning instructions impressions page.

Prop door open so air can circulate to prevent odor and mold growth. CAUTION: To help prevent accidents, do not allow small children to have access to the freezer when its door is open.

- Before moving freezer take out all removable shelves, baskets or bins and tape or lock door shut to prevent accidental damage.
- Ship freezer in upright position. Do not lay freezer down.
- Make sure new location can support the weight of the loaded freezer.
- Level freezer at new location to insure proper door seal.

## Food Loss Coverage Limitation.

If promptly reported to your nearest Sears Store or Service Center, Sears will reimburse you up to a total of \$100.00 for the value of food, as verified by Sears, lost while stored in the freezer when used for private household purposes, as a result of:

- Defects that occur during the first year following date of purchase.
- Failure of the sealed system (including refrigerant, connecting tubing and compressor motor) due to defects that occur during the second through fifth year after purchase.

If freezer is used for other than private household purposes, Sears will not be responsible for any food loss. Food losses resulting from other than the above stated defects, such as: natural spoilage, power interruption, inadequate power, manual disconnect of power supply, fire damage, water damage, theft, etc., are beyond our control and are not covered by Sears.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific rights and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., D/817WA, Hoffman Estates, IL 60179.

## Troubleshooting

### My Freezer is Too Warm...

- Make sure the door is fully closed.
- Level the freezer to ensure proper door seal.
- Reduce the time the door is open. Frequent door openings in humid conditions will cause this condition.
- Make sure the door seal is tight and level freezer to ensure proper door seal.

### My Freezer is Noisy...

- Make sure the cabinet is resting squarely on the floor on all four corners without touching a wall or other surfaces.
- Some noises, such as the refrigerant gurgling as it passes through tubes and the compressor hum clicking on and off, are normal.

### There is an Odor in My Freezer...

- Check for spoiled food.
- Clean interior per Cleaning instructions.

# Parts List

**Model: 564.28502700 (HF5017SW)**

**CAUTION:** Use Kenmore parts number on all orders, not the illustration numbers.

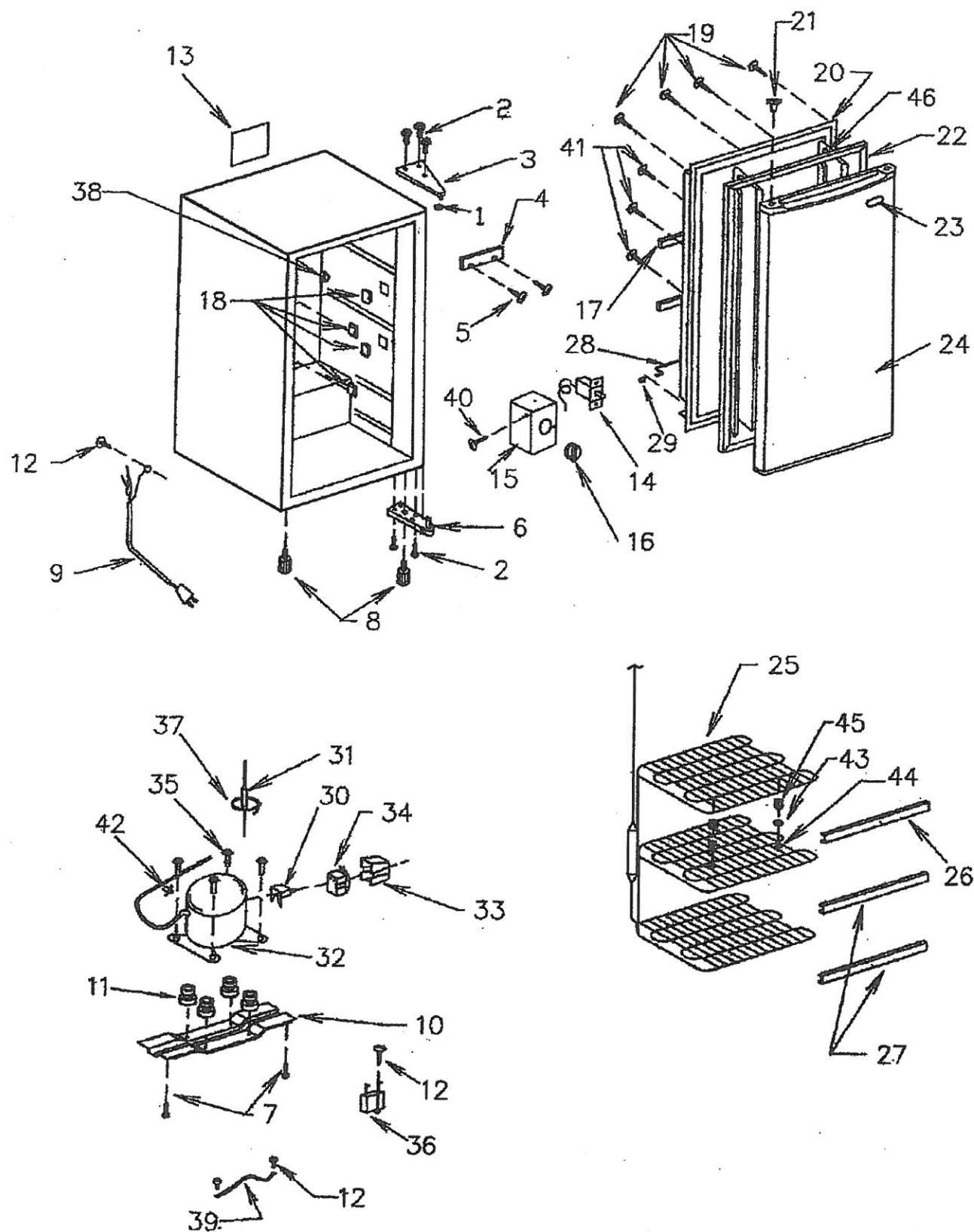
Illus. No.	Part No.	Description	Illus. No.	Part No.	Description
1	302378	Nylon Washer	24	302698	Foamed Door Assy.
2	303076	Silver Chrome Bolt	25	303030	Evaporator & Suction Assy.
3	302985	Hinge Top, Injection	26	302491	Trim Evap. Upper
4	302314	Clamp, Thermo Bulb	27	302492	Trim Evap. Lower (2)
5	300311	Screw #035	28	302431	Panel Guard, Low
6	303026	Hinge Bottom, Injection	29	300499	Door Shelf Bushing
7	302009	#119 Bolt	30	302732	Overload Relay
8	300885	Leg	31	302259	Dryer
9	302525	SPT-3 Power Cord w/bushing #250 Flag	32	303093	Compressor SF39C67RAU6
10	302651	Plate Cabinet Base	33	302987	Relay Cover
11	303060	Grommet	34	302626	PTC Thermistor
12	301991	026 Machine Screw	35	300413	Compressor Bolts
13	302760	Wiring Diagram w/o Light	36	302759	Running Capacitor
14	302134	Thermostat	37	302904	Nylon Plstc. Cable Tie 6"
15	303028	Thermo Panel, Sr4430	38	302778	Support Thermo Capi
16	302175	Thermo Knob	39	303064	Green Wire W/Eyelet
17	302432	Trim Shelf Door	40	302772	#236 Screw
18	301719	Trim. Evap. Bushing	41	302317	#159 Screw
19	300308	Screw #023	42	303098	Bushing Clip
20	302782	Door Liner	43	302370	#116 Steel Washer
21	302388	Cap Grommet	44	302369	#115 Screw
22	303101	Door Gasket, White	45	303097	Evap. Bracket
23	302340	Mascot, Kenmore	46	300070	Insulation Door

## Parts Not Illustrated

Part No.	Description
303096	Owner's Manual
303099	Technical Sheet

(HF5017SW)

Model: 564.28502700



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Call anytime, day or night (U.S.A. only)

[www.sears.com](http://www.sears.com)

To purchase a protection agreement on a product serviced by Sears:

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**1-800-361-6665** (Canada)

Para pedir servicio de reparación a domicilio, y para ordenar piezas:

**1-888-SU-HOGAR<sup>SM</sup>**

(1-888-784-6427)

Au Canada pour service en français:

**1-888-LE-FOYER<sup>MC</sup>**

[www.sears.ca](http://www.sears.ca)

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® Marque commerce/™ Marque déposée de Sears, Roebuck and Co.



## Pyxis® Supply Technologies main cabinet — external dimensions

Graphic	Equipment	Configuration	Dimensions HxWxD Inches (cm)*	Weight (empty) Lbs (Kg)	BTUs	Steady Power Watts	Peak Power Watts
	Pyxis SupplyStation® system	Single column main – 3 door integrated with 1 Pyxis® Rapid Access Drawer	79.5 x 31 x 28 (201.9 x 78.8 x 71.2)	370 (170)	614	140	180
	Pyxis SupplyStation® system	Double column main – 7 door integrated with 1 Pyxis® Rapid Access Drawer	79.5 x 52 x 28 (201.9 x 132.1 x 71.2)	640 (290)	751	140	220
	Pyxis SupplyStation® EC extra-capacity system	Single column main – 3 door with 1 Pyxis® Rapid Access Matrix Drawer	79.5 x 31 x 28 (201.9 x 78.8 x 71.2)	350 (160)	614	140	180
	Pyxis SupplyStation® EC extra-capacity system	Double column main – 7 door integrated with 1 Pyxis® Rapid Access Matrix Drawer	79.5 x 52 x 28 (201.9 x 132.1 x 71.2)	600 (275)	751	140	220
	Pyxis® CathRack	Double column main – 4 door integrated with 1 Pyxis® Rapid Access Drawer and 7 vertical modules	79.5 x 52 x 28 (201.9 x 132.1 x 71.2)	920 (420)	751	140	220
	Pyxis® CathRack X4	Double column main – 3 door integrated with 1 Pyxis® Rapid Access Drawer, 1 door with 3 double-deep vertical modules and 1 standard vertical module	79.5 x 52 x 28 (201.9 x 132.1 x 71.2)	920 (420)	751	140	220





# Advanced automated medication management system

Pyxis MedStation™ 4000 system

## Pyxis MedStation 4000 mains



Pyxis MedStation 4000  
6-drawer main  
23" W x 27" D x 55" H



Pyxis MedStation 4000  
4-drawer main plus bin  
23" W x 27" D x 55" H



Pyxis MedStation 4000  
2-drawer main  
23" W x 27" D x 28" H

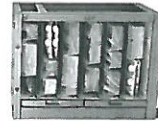


Pyxis MedStation 4000  
0-drawer main  
23" W x 27" D x 16" H

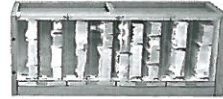
## Pyxis MedStation 4000 auxiliaries



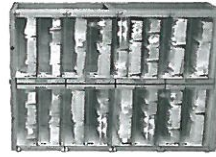
Pyxis MedStation 4000  
7-drawer auxiliary  
23" W x 27" D x 47" H



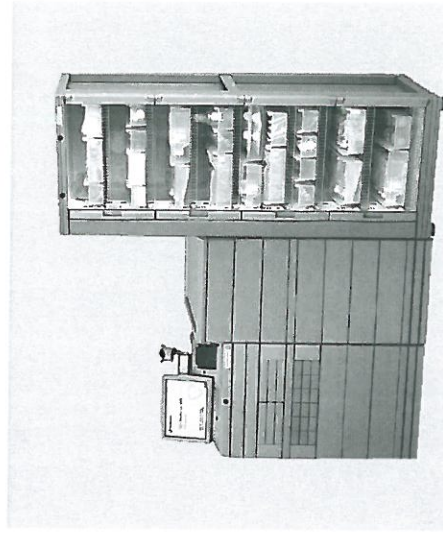
Pyxis MedStation 4000  
half-height column auxiliary  
(2 doors)  
30" W x 28" D x 43" H



Pyxis MedStation 4000  
single column auxiliary  
(4 doors)  
31" W x 28" D x 80" H



Pyxis MedStation 4000  
double column auxiliary  
(8 doors)  
52" W x 28" D x 80" H



Pyxis MedStation 4000 system typical configuration

PYXIS  
MED  
STATION

005

Pyxis®



CareFusion



## Joseph Sfeir

---

**From:** Whitney Chancellor-Maddison <Chancellor-MaddisonWL@TCMC.com>  
**Sent:** Thursday, October 01, 2015 1:24 PM  
**To:** 'Joseph Sfeir'; Nancy E. Myers  
**Cc:** 'Heriberto Torres'  
**Subject:** RE: P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151001-Pyxis

Here are the weight measurements (not including meds in the machine or fridge on top):

Main 6-drawer: 627lb

005

Aux 7-drawer: 519.5lb

Whitney Chancellor-Maddison  
Medstation Manager  
Tri-City Medical Center | Pharmacy  
4002 Vista Way | Oceanside, CA 92056  
Cell (760)802-3794  
Desk (760)940-3011  
Fax (760)940-3786



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---

**From:** Joseph Sfeir [mailto:jmsfeir@sfeirarch.com]  
**Sent:** Thursday, October 01, 2015 09:51  
**To:** Whitney Chancellor-Maddison; Nancy E. Myers  
**Cc:** 'Heriberto Torres'  
**Subject:** P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151001-Pyxis

Hi Whitney,

Yes we will need the specifications sheet that shows the dimensions, weights and OPM (OSHPD Pre-approved Manufacturer) certificate that shows typical structural calculations.

Thanks.

**JOSEPH M. SFEIR, AIA** | Managing Principal

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---

**From:** Whitney Chancellor-Maddison [mailto:Chancellor-MaddisonWL@TCMC.com]  
**Sent:** Thursday, October 01, 2015 9:52 AM  
**To:** Nancy E. Myers <MyersNE@TCMC.com>

## Joseph Sfeir

---

**From:** Whitney Chancellor-Maddison <Chancellor-MaddisonWL@TCMC.com>  
**Sent:** Thursday, October 01, 2015 10:29 AM  
**To:** 'Joseph Sfeir'; Nancy E. Myers  
**Cc:** 'Heriberto Torres'  
**Subject:** RE: P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151001-Pyxis  
**Attachments:** DI0017-02\_Pyxis\_MedStation\_4000\_Spec\_sheet.pdf

I have the dimensions:

Info from the attachment:

MedStation 4000 6-drawer main - 23"w x 27"d x 55"h  
Medstation 4000 7-drawer auxiliary - 23"h x 27"d x 47"h

005

There is a fridge on top of the machine, but the department was responsible for ordering it, so I have no information on it.

I'm waiting to hear back from Pyxis about a manufacturer weight, but it's not going to be very accurate because we custom order the machines with whatever drawers we want and the drawers all vary in weight depending on what type of drawer it is. Plus it's going to be heavier than the manufacturer weight since there are meds in the machine and we can't determine the weight of the meds.

Anything to do with OSHPD has to be obtained from the Engineering department. Pharmacy doesn't have anything to do with that.

Whitney Chancellor-Maddison  
Medstation Manager  
Tri-City Medical Center | Pharmacy  
4002 Vista Way | Oceanside, CA 92056  
Cell (760)802-3794  
Desk (760)940-3011  
Fax (760)940-3786



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---

**From:** Joseph Sfeir [mailto:jmsfeir@sfeirarch.com]  
**Sent:** Thursday, October 01, 2015 09:51  
**To:** Whitney Chancellor-Maddison; Nancy E. Myers  
**Cc:** 'Heriberto Torres'  
**Subject:** P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151001-Pyxis

---

**From:** Joseph Sfeir <jmsfeir@sfeirarch.com>  
**Sent:** Tuesday, October 06, 2015 10:14 AM  
**To:** 'Heriberto Torres'  
**Subject:** FW: Cut Sheets

FYI, please download and update the equipment schedule.  
Thanks.

**JOSEPH M. SFEIR, AIA** | Managing Principal

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**From:** Nancy E. Myers [mailto:MyersNE@TCMC.com]

**Sent:** Tuesday, October 06, 2015 10:10 AM

**To:** 'Joseph Sfeir' <jmsfeir@sfeirarch.com>

**Subject:** Cut Sheets

Joseph, The med pyxis tower is 6 drawers. Also, the med frig on 3E looks like what we have on 3W. I am still trying to get the cut sheets for: THX

Large breast milk freezer

Pyxis anchors

Nancy E. Myers RNC, BSN, NE-BC  
NICU Clinical Manager  
Tri-City Medical Center  
4002 Vista Way | Oceanside, CA 92056  
P 760-940-5698 | C 760-802-2997  
F 760-940-4060  
[myersne@tcmc.com](mailto:myersne@tcmc.com) | [www.tricitymed.org](http://www.tricitymed.org)



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No virus found in this message.

Checked by AVG - [www.avg.com](http://www.avg.com)

Version: 2015.0.6140 / Virus Database: 4435/10768 - Release Date: 10/06/15



## Orlando Padilla

---

**From:** Joseph Sfeir <jmsfeir@sfeirarch.com>  
**Sent:** Wednesday, October 28, 2015 3:52 PM  
**To:** Orlando Padilla  
**Subject:** FW: P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151028-Tel Closet

**JOSEPH M. SFEIR, AIA** | Managing Principal

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---

**From:** Joseph Sfeir [mailto:jmsfeir@sfeirarch.com]  
**Sent:** Wednesday, October 28, 2015 3:51 PM  
**To:** 'Nancy E. Myers' <MyersNE@TCMC.com>  
**Cc:** 'Heriberto Torres (htorres@sfeirarch.com)' <htorres@sfeirarch.com>  
**Subject:** RE: P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151028-Tel Closet

Thank you Nancy.  
Orlando please file.

**JOSEPH M. SFEIR, AIA** | Managing Principal

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**From:** Nancy E. Myers [mailto:MyersNE@TCMC.com]  
**Sent:** Wednesday, October 28, 2015 2:36 PM  
**To:** 'Joseph Sfeir' <jmsfeir@sfeirarch.com>  
**Subject:** RE: P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151028-Tel Closet

Joseph I just hand measured the med frig  
Dimensions (no weight) of med frig  
H-17.5"  
W-18.5"  
D-17.5"  
Pressure high 235  
Low-140  
Kenmore  
Model-564.9117110  
Serial-#0103044481

---

**From:** Joseph Sfeir [mailto:jmsfeir@sfeirarch.com]  
**Sent:** Wednesday, October 28, 2015 10:02 AM  
**To:** Jeff D. Becker  
**Cc:** Orlando Padilla; 'Heriberto Torres'; Sharon W. Davies; Nancy E. Myers; Chris J. Miechowski  
**Subject:** P:\01549.01 TCMC NICU CD\Admin\A-8 Owner\Outgoing\151028-Tel Closet

Hi Jeff,

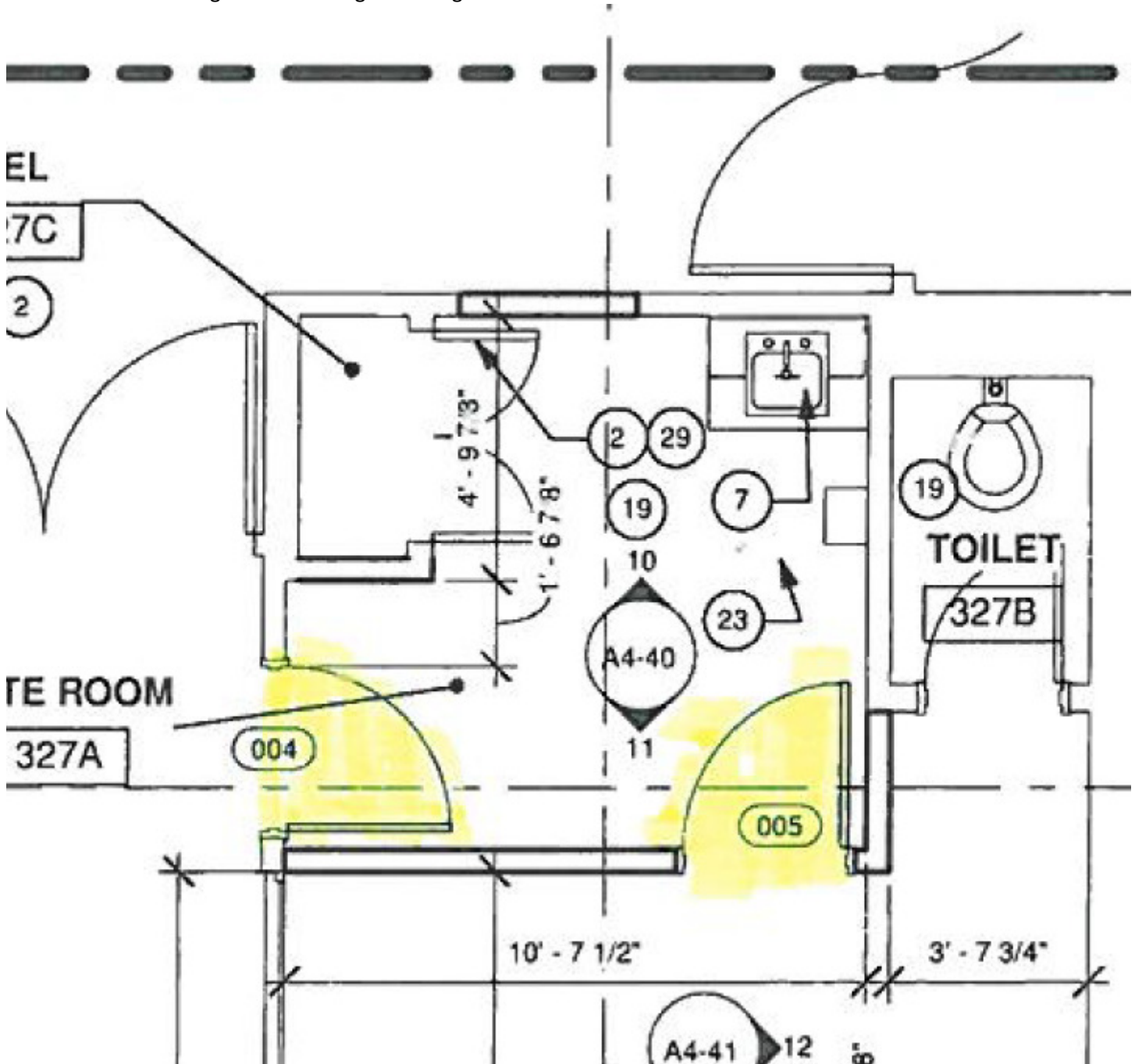
I have good news.

We can keep the telephone closet in the same location.

We reviewed our field notes and we changed the door size between the corridor and the ante-room, and the ante-room and the isolation room from 4'-0" to 3'-0".

Sharon Davies confirmed yesterday that reducing the door size will be acceptable. Also, note the length of the counter had to be shortened to meet accessibility in front of the telephone closet.

Please see the drawing below showing the change.



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Version: 2015.0.6173 / Virus Database: 4455/10905 - Release Date: 10/28/15

NEW UNDER  
COUNTER  
FREEZER

007



## Upright Freezer

Model No. 28502

5.0 cu. ft. Capacity

### Read This Manual!

It will tell you how to operate and care for your freezer. It also offers tips on how to get the best and lowest cost performance.

If you prefer installing your own parts, use the parts list to find the part number, do not use the illustration number.

In the space below record the model and serial number of your freezer. Each is printed on the model number plate located in the upper corner of the freezer back. Use these numbers when calling for service.

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

### Manual Contents:

- Warranty
- Installation
- Operation
- Maintenance
- Troubleshooting
- Parts

### Full One-Year Warranty on Freezer

For one year from the date of purchase, when this freezer is operated and maintained according to instructions attached to or furnished with the product, Sears will repair this freezer, free of charge, if found defective in material or workmanship.

### Full Five-Year Warranty on Sealed Refrigeration System

For five years from the date of purchase, when this freezer is operated and maintained according to instructions attached to or furnished with the product, Sears will repair the sealed system (consisting of refrigerant, connecting tubing, and compressor motor) free of charge, if found defective in material or workmanship.

The above warranty coverage applies only to a freezer which is used for storage of food for private household purposes.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

### Installation

#### Inspection

When your new freezer is delivered, check thoroughly for shipping damage and missing parts. If you find either, please notify Sears at once.

#### Location is Important

Your new freezer will work best in a dry, ventilated place, where the temperature falls between 65 and 110 F. Extreme temperatures can shorten the freezer's life. Very high temperatures (such as in an unventilated garage in summer) also will make your freezer cycle often, increasing its operating cost.

Your freezer must be allowed enough space for proper air circulation. This freezer is designed for FREESTANDING INSTALLATION ONLY and should not be recessed or built-in. Allow 3 inches of space on each side including the rear and 4 inches on the top of the cabinet. This is particularly important in hotter climates.

Pick a spot where the floor will support the weight of the freezer fully loaded. It is best to keep your freezer away from an oven or other heat source. Pick a safe place, indoors, away from flammables such as gasoline.

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**Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.**

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## Leveling the Freezer

To ensure proper door seal and optimum performance, level freezer using the leveling legs located on its bottom front corner.

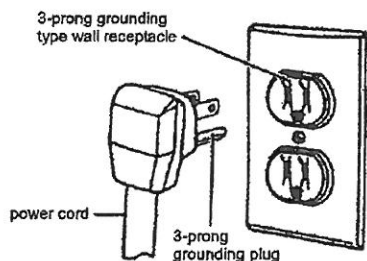
- Once your freezer is in the desired location, use a carpenter's level and adjust the leveling legs as necessary to make sure the cabinet is level side-to-side.
- Adjust the legs to achieve a 1/4 inch slope from front-to-back (½ bubble on a carpenter's level) to provide easy door closure and proper door seal.
- If the rear corners need to be raised, use shims made of wood or other hard material. Cardboard and other soft materials will not work.

## Electrical Requirements

- 120 Volts, 60 Hz (60 cycles AC), 15 amps
- DO NOT use an extension cord.
- Select an electric wall outlet that cannot be turned off by a switch or pull chain. Be sure that the electric outlet you select does not need a ceiling drop cord.
- Use a fuse or circuit-breaker protected circuit that will not become overloaded when the freezer is installed.

## Electrical Grounding

Your freezer comes with a three-prong plug and must be inserted into a three-prong, grounded wall outlet.



**WARNING:** Unless the grounding method described above is followed, you are not protected against severe or lethal shock in the event of the short-circuit of the freezer's wiring or electrical components.

## Operation

### Starting

The freezer temperature can be regulated by adjusting the control. The evaporator forms the storage shelves of the unit which provides consistent freezing temperatures throughout the freezer. Freezer temperature will vary depending on the quantity of food stored and on the frequency of door openings.

Wait 4 hours before loading the freezer. It takes time to reach storage temperature. During this time the freezer may run constantly.

## Maintenance

### Defrosting



**DANGER:** Electrical Shock Hazard. Disconnect power before defrosting.

You should defrost your freezer when the frost becomes 1/4 inch thick. Further accumulation will reduce operating efficiency. How often you have to defrost depends on the type and amount of food you freeze, the temperature and humidity and the number of times you open and close the freezer. The period between defrosting can be extended by scraping frost every so often with a plastic scraper.

### Defrosting Steps

1. Turn the unit OFF.
2. Remove all food and place it in cardboard boxes or wrap it in several thicknesses of newspaper. This action will keep food safely frozen while you defrost and clean your freezer.
3. Leave the door open and wait for frost to soften. Place pans of hot water on the shelves or use an electric fan blowing into the freezer to speed defrosting. Do not use electric defrost devices as they can damage the plastic parts of your freezer.
4. Remove soften frost with a plastic or wooden scraper, or a cloth or sponge. **CAUTION: NEVER USE SHARP OBJECTS TO REMOVE FROST.** They could puncture freezing coils and severely damage the refrigeration system.
5. Defrost water will accumulate in the bottom of the interior cabinet which can be absorbed with a sponge or towel.
6. Clean the inside of the freezer. Cleaning instructions are described below and on the permanent use and care label on the inside of the freezer door.
7. Turn the unit back on and place the frozen foods back inside the freezer.

### Cleaning

- Use only mild soapy water to clean door gaskets.
- Turn off the freezer and remove foods. Wash interior liner with a solution of warm water and two tablespoons baking soda per one quart of water. Rinse and wipe clean. DO NOT use soaps, detergents, scouring powder, spray cleaner or the like for the liner. They may create unwanted odors in the freezer.
- Wash the exterior with detergent or soap and water. Rinse well and wipe dry.
- DO NOT use scouring powders or pads. Never use acids, chemical thinner, gasoline, benzene, or the like for cleaning any part of the freezer. Boiling water and benzene may deform and damage plastic parts.



## Loading the Freezer

To prepare food for freezing, use only containers and wrapping materials made especially for freezers. For fast efficient freezing DO NOT freeze more than three pounds of UNFROZEN food per cubic foot capacity of your freezer. For example, if the capacity of your freezer is 10 cubic feet, do not freeze more than 30 pounds of unfrozen food at one time. DO NOT place hot food in the freezer.

## Power Failure

**If electrical power fails and will remain off for less than 24 hours:** Keep the freezer door closed so its contents will remain frozen.

**If power will be off for more than 24 hours, do one of the following:**

- Take food to frozen food locker.
- Place dry ice in the freezer. First cover food packages with newspaper or cardboard. Then spread dry ice over this covering. Be careful that dry ice is not directly touching the food packages as it could "burn" the food.
- If locker storage space is not available, or you cannot get dry ice, use perishable food immediately.

## When Is It Safe To Refreeze Food?

If food still contains ice-crystals, it may be safe to refreeze it although its quality may suffer slightly. Refrozen food should be used as soon as possible. If food is completely defrosted but still cold to touch (lower than 40° F), use it immediately or cook food and then freeze for future use. If there is any question about whether food is good or not, dispose of it.

## Vacation/Moving

If you shut the freezer off for a period of time (more than 24 hours) or are moving the freezer: Remove all food and unplug the freezer. Clean thoroughly per Cleaning instructions impressions page.

Prop door open so air can circulate to prevent odor and mold growth. CAUTION: To help prevent accidents, do not allow small children to have access to the freezer when its door is open.

- Before moving freezer take out all removable shelves, baskets or bins and tape or lock door shut to prevent accidental damage.
- Ship freezer in upright position. Do not lay freezer down.
- Make sure new location can support the weight of the loaded freezer.
- Level freezer at new location to insure proper door seal.

## Food Loss Coverage Limitation.

If promptly reported to your nearest Sears Store or Service Center, Sears will reimburse you up to a total of \$100.00 for the value of food, as verified by Sears, lost while stored in the freezer when used for private household purposes, as a result of:

- Defects that occur during the first year following date of purchase.
- Failure of the sealed system (including refrigerant, connecting tubing and compressor motor) due to defects that occur during the second through fifth year after purchase.

If freezer is used for other than private household purposes, Sears will not be responsible for any food loss. Food losses resulting from other than the above stated defects, such as: natural spoilage, power interruption, inadequate power, manual disconnect of power supply, fire damage, water damage, theft, etc., are beyond our control and are not covered by Sears.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific rights and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., D/817WA, Hoffman Estates, IL 60179.

## Troubleshooting

### My Freezer is Too Warm...

- Make sure the door is fully closed.
- Level the freezer to ensure proper door seal.
- Reduce the time the door is open. Frequent door openings in humid conditions will cause this condition.
- Make sure the door seal is tight and level freezer to ensure proper door seal.

### My Freezer is Noisy...

- Make sure the cabinet is resting squarely on the floor on all four corners without touching a wall or other surfaces.
- Some noises, such as the refrigerant gurgling as it passes through tubes and the compressor hum clicking on and off, are normal.

### There is an Odor in My Freezer...

- Check for spoiled food.
- Clean Interior per Cleaning Instructions.



# Parts List

**Model: 564.28502700 (HF5017SW)**

CAUTION: Use Kenmore parts number on all orders, not the illustration numbers.

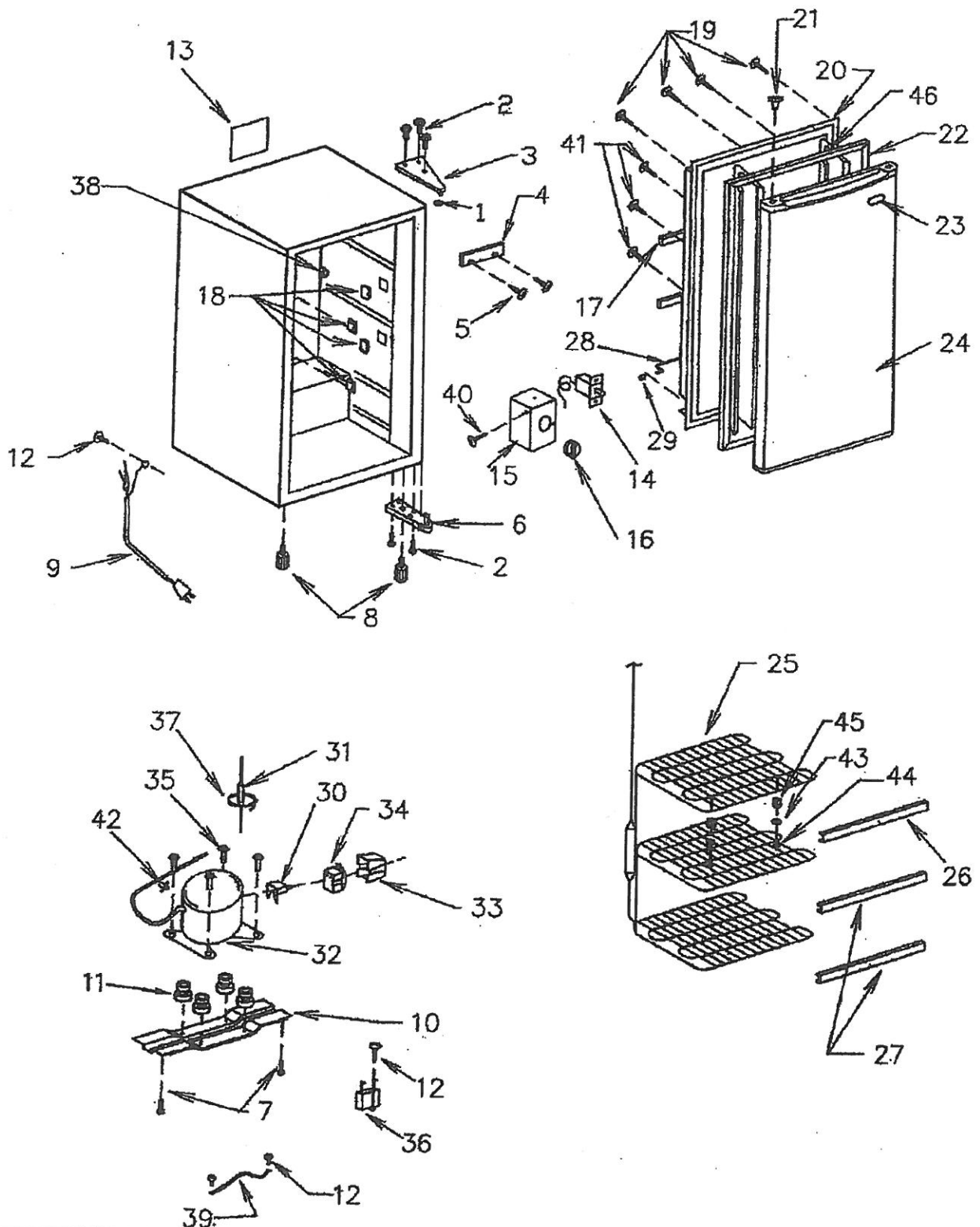
Illus. No.	Part No.	Description	Illus. No.	Part No.	Description
1	302378	Nylon Washer	24	302698	Foamed Door Assy.
2	303076	Silver Chrome Bolt	25	303030	Evaporator & Suction Assy.
3	302985	Hinge Top, injection	26	302491	Trim Evap. Upper
4	302314	Clamp, Thermo Bulb	27	302492	Trim Evap. Lower (2)
5	300311	Screw #035	28	302431	Panel Guard, Low
6	303026	Hinge Bottom, injection	29	300499	Door Shelf Bushing
7	302009	#119 Bolt	30	302732	Overload Relay
8	300885	Leg	31	302259	Dryer
9	302525	SPT-3 Power Cord w/bushing #250 Flag	32	303093	Compressor SF39C67RAU6
10	302651	Plate Cabinet Base	33	302987	Relay Cover
11	303060	Grommet	34	302626	PTC Thermistor
12	301991	026 Machine Screw	35	300413	Compressor Bolts
13	302760	Wirind Diagram w/o Light	36	302759	Running Capacitor
14	302134	Thermostat	37	302904	Nylon Plstc. Cable Tie 6"
15	303028	Thermo Panel, Sr4430	38	302778	Support Thermo Capi
16	302175	Thermo Knob	39	303064	Green Wire W/Eyelet
17	302432	Trim Shelf Door	40	302772	#236 Screw
18	301719	Trim. Evap. Bushing	41	302317	#159 Screw
19	300308	Screw #023	42	303098	Bushing Clip
20	302782	Door Liner	43	302370	#116 Steel Washer
21	302388	Cap Grommet	44	302369	#115 Screw
22	303101	Door Gasket, White	45	303097	Evap. Bracket
23	302340	Mascot, Kenmore	46	300070	Insulation Door

## Parts Not Illustrated

Part No.	Description
303096	Owner's Manual
303099	Technical Sheet

# Parts List (HF5017SW)

Model: 564.28502700



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To purchase a protection agreement on a product serviced by Sears:

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**1-800-361-6665** (Canada)

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(1-888-784-6427)

Au Canada pour service en français:

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#2



Philips Healthcare  
3000 Minuteman Road, MS0400  
Andover, MA 01810-1099

QUOTE DATE	08/18/2015	QUOTE NUMBER	2300539688	PAGE	4 / 7
LAST UPDATED	TIME				
08/18/2015	16:42:42				
EXPIRATION DATE		INCOTERMS			
10/18/2015		FOB DESTINATION			

# FORMAL QUOTE

REPRINT

ITEM	PRODUCT	DESCRIPTION	QUANTITY	UNIT OF MEASURE	UNIT AMOUNT (USD)	TOTAL AMOUNT (USD)
		A01 1 Standard Shift	2		1,945.00	3,890.00
		Net price				3,890.00
150	890539 890539	Clinical Config. & Impl. Services (CMS)	2	PCE		
		A06 1 Overtime Shift	2		2,520.00	5,040.00
		Net price				5,040.00
160	866425 866425	24 Port UTP/FX Switch	1	PCE	4,287.00	4,287.00
		Agreement Discount			-29.00 %	-1,243.23
		Net price				3,043.77
		Agreement: GPO00001A0				
170	989805700032 989805700032	VAS, ELO 19" Non-Touch Gray	1	PCE	1,272.00	1,272.00
		Net price				1,272.00
180	866064 866064	IntelliVue MX500 Patient Monitor	4	PCE	9,458.00	37,832.00
		A04 4-waves capability	4		.00	.00
		E24 One Lithium Ion Battery	4		270.00	1,080.00
		H22 Neonatal Care Software	4		3,390.00	13,560.00
		Agreement Discount			-29.00 %	-15,216.88
		Net price				37,255.12
		Agreement: GPO00001A0				
		Total Quotation List Price				166,340.15
		Less All Applicable Discounts				-41,308.22
		Total Quotation Net Price				125,031.93

Philips Healthcare is pleased to inform you that financing of its products and services is available to qualified applicants. To obtain more information contact Philips Medical Capital @ 866-513-4PMC.

Contract information for: Novation, LLC

Prices quoted are subject to and reflect applicable discounts per the terms and conditions of the following contract:

PATIENT  
MONITOR

017

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Additional components are required to complete the system. Please refer to the IntelliVue Clinical Network documentation for further information.

#### Advanced System Interface

The Advanced System Interface, option J40, supports an isolated RS-232/5 V interface, a basic Nurse Call connector and two additional USB Connectors.

#### Device Interface (USB Interface)

Option J25 adds a USB port on the right-hand-side of the monitor.

#### Flexible Nurse Call Interface

Option J30, the Flexible Nurse Call Interface provides a means for alarms generated on the monitor to be signaled on an external device such as a nurse call system, a beeper or a light. It provides three general alarm relays and one power fail alarm. The external device is connected to the alarm relay and alarms are triggered by criteria defined by the user. It has active open and closed contacts and a user-definable delay time.

#### MIB/RS-232 (2 port) Interface Board

Additional dual MIB/RS-232 I/O boards (Option J13) can be installed.

The MIB ports can be independently configured to be used for:

- input for connection to a touchscreen.
- numeric, wave, and alarm data export using a computer interface, to an automated anesthesia record keeper or a personal computer (not available in all countries).
- connection to a gas analyzer.
- Data Out can be configured up to two times for each monitor. Note that only the first MIB/RS-232 port configured to Data Out (that is, the first one to receive a request) provides wave export. A second MIB/RS-232 port configured to Data Out only exports numerics.

#### IntelliBridge EC10 IF Board

Option J32, the IntelliBridge external device connection implements the physical layer of the ISO/ IEEE 11073-30200 standard.

Driver software is available to support connectivity with a wide range of external medical devices.

In case the IntelliBridge EC5 ID Module is used to provide device identification, it also acts as a hardware adapter to the device-specific connector.

#### Monitor Specifications

See the individual Data Sheets for measurement module, X2, MMS extension, and plug-in module specifications.

#### Safety Specifications

The monitors, together with the Multi-Measurement Module (M3001A), the X2 Multi-Measurement Module (M3002A) and all modules and MMS extensions, comply with the Medical Device Directive 93/42/EEC (CE<sub>0366</sub>) and with IEC 60601-1:1988 + A1:1991 + A2:1995; EN60601-1:1990 + A1:1993 + A2:1995; UL 60601-1:2003; CAN/CSA C22.2#601.1-M90 + Suppl. No 1-94 + Am.2; IEC 60601-1-1:2000; EN 60601-1-1:2001; IEC 60601-1-2:2001 +A1:2004; EN 60601-1-2:2001 +A1:2006.

All applied parts are Type CF unless otherwise specified. They are protected against damage from defibrillation and electrosurgery.

The possibility of hazards arising from software errors was minimized in compliance with ISO/EN 14971 and IEC/EN60601-1-4.

This ISM device complies with Canadian ICES-001. Cet appareil ISM est conforme à la norme NMB-001 du Canada.

#### Physical Specifications

Product	Max Weight <sup>a</sup>	W x H x D <sup>b</sup>
MX550 Monitor	7.0 kg (15.4 lb)	<404 x 308 x 184 mm (15.9 x 12.1 x 7.2 in)
M3001A Multi-Measurement Module (MMS)	<650 g (<1.4 lb)	188 x 96.5 x 51.5 mm (7.4 x 3.8 x 2 in)
M3002A Multi-Measurement Module (MMS)	<1.25 kg (<2.8 lb)	188 x 99 x 86 mm (7.4 x 3.9 x 3.4 in)
M3012A Hemodynamic MMS Extension	<550 g (1.2 lb)	<190 x 98 x 40 mm (<7.5 x 4 x 1.6 in)
M3014A Capnography MMS Extension	<500 g (<1.1 lb)	<190 x 98 x 40 mm (<7.5 x 4 x 1.6 in)
M3015A Microstream CO <sub>2</sub> MMS Extension	<550 g (<1.21 lb)	<190 x 98 x 40 mm (<7.5 x 4 x 1.6 in)
M1006B Invasive Press Module	190 g (6.7 oz) Option #C01: 220 g (7.9 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
M1029A Temperature Module	215 g (7.6 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)

Product	Max Weight <sup>a</sup>	W x H x D <sup>b</sup>
M1012A Cardiac Output Module	225 g (7.9 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
M1014A Spirometry Module	250 g (8.8 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
M1020B SpO <sub>2</sub> Module	200 g (<8.8 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
M1011A SO <sub>2</sub> Module	190 g (7.1 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
- Optical Module	<200 g (7.1 oz) including 2.9 m cable	50 x 30 x 120 mm (2.0 x 1.2 x 4.7 in)
M1027A Electroencephalograph Module	210 g (7.4 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
865115 IntelliBridge EC10 Module	190 g (7.0 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)
865114 IntelliBridge EC5 ID-Module	35 g (1.2 oz)	35 x 17 x 57 mm (1.4 x 0.7 x 2. in)
M1116B/C Thermal Array Recorder Module	500 g (1.1 lbs)	72.5 x 103.5 x 115.5 mm (2.85 x 4.1 x 4.5 in)
865244 Remote Control	<250 g (8.8 oz)	53 x 172 x 24 mm (2.1 x 6.7 x 0.9 in)
865383 NMT Module	210 g (7.4 oz)	36 x 103.5 x 110 mm (1.4 x 4.1 x 4.3 in)

a ± 5%  
b ± 5%

#### Environmental Specifications

MX550Monitors		
Item	Condition	Range
Temperature Range	Operating	0 – 40°C (32 – 100°F). When charging battery, or M3002A is mounted on back, or with Smart Hopping Interface
	Storage	0 – 35°C (32 – 95°F) -20 – 60°C (-4 – 140°F)

MX550Monitors		
Item	Condition	Range
Humidity Range	Operating	15% to 95% Relative Humidity (RH) (non condensing)
	Storage	5% – 95% Relative Humidity (RH)
Altitude Range	Operating	-500 – 3000 m (10000 ft)
	Storage	-500 – 4600 m (15000 ft)
Ingress Protection		IP21

Remote Control 865244		
Item	Condition	Range
Temperature Range	Operating	0 – 40°C (32 – 100°F)
	Storage	-20 – 60°C (-4 – 140°F)
Humidity Range	Operating	15% – 95% Relative Humidity (RH) (non condensing)
	Storage	5% – 95% Relative Humidity (RH)
Altitude Range	Operating	-500 – 3000 m (10000 ft)
	Storage	-500 – 4600 m (15000 ft)

#### Performance Specifications

MX550Performance Specifications		
Power Specifications	Power Consumption	<70 W average
	Line Voltage	100 – 240 V
	Current	1.2 – 0.5 A
	Frequency	50/60 Hz
WXGA (15:9) Display 15 inch		390 mm active matrix color LCD (TFT)
	Resolution	1280 x 768
	Refresh rate	59.9 Hz
	Useful screen	334.1 x 200.5 mm
	Pixel pitch	0.261 x 0.261



MX550 Performance Specifications		
<b>Indicators</b>	Alarms Off	red (crossed out alarms symbol) LED
	Alarms	red/yellow/light blue (cyan) LED
	On/Standby/Error	green/red LED integrated in power switch
	External Power	green LED
	Battery	red-green-yellow LED
<b>Sounds</b>	<ul style="list-style-type: none"> <li>• Audible feedback for user input</li> <li>• Prompt tone</li> <li>• QRS tone, or SpO<sub>2</sub> modulation tone</li> <li>• 4 different alarm sounds</li> <li>• Remote tone for alarms on other beds in network</li> <li>• Tone for Timer expired</li> </ul>	
<b>Trends</b>	Resolution	16, 24 or 32 numerics @ 12 seconds, 1 minute, 5 minute resolution.
	Information	Multiple choices of number of numerics, resolution and duration depending on trend option and application area. For example: Neonatal: 24 numerics, 9 hours @ 12 seconds. Intensive care: 32 numerics, 48 hours @ 5 minutes. Anesthesia: 32 numerics, 5 hours @ 12 seconds.
<b>High Res Trend Waves</b>	Measurements available	HR, SpO <sub>2</sub> , Resp, tcpO <sub>2</sub> , Pulse, Perf, tcpO <sub>2</sub> , CO <sub>2</sub> , ABR, PAP, CVP, ICP, CPP, CCO, AWP, Anesthetic Agents, Delta SpO <sub>2</sub> , inO <sub>2</sub> .
	Resolution	Measurement samples are taken at a resolution of four samples per second.
	Update speed	waves are drawn at a speed of 3 cm/minute.

MX550 Performance Specifications		
<b>Events</b>	Information	trigger condition and time, event classification and associated detailed view of episode data.
	Episode data	configurable, either: 4 minutes of high resolution trend or 20 minutes of numerics trend @ 12 sec resolution or 15 seconds of 4 waves @ 125 samples/sec (Snapshot) including all current numerics, alarms and inops.
	Capacity (max)	25 or 50 events for either 8 or 24 hours.
	Alarm Signal	System delay less than 3 seconds.
<b>Alarm Signal</b>	Pause duration	1,2,3 minutes or infinite, depending on configuration.
	Extended alarm pause	5 or 10 minutes
<b>Review Alarms</b>	Information	all alarms / inops, main alarms on / off, alarm silence and time of occurrence.
	Capacity	300 items.
<b>Real Time Clock</b>	Range	from: January 1, 1997, 00:00 to: December 31, 2080, 23:59.
	Accuracy	better than 4 seconds per day
	Hold Time	infinite if powered by AC; otherwise at least 48 hours (typical: >72 hours).
<b>Buffered Memory</b>	Hold Time	If powered by AC: infinite. Without power: at least 48 hours.
	Contents	Active settings, trends, patient data, realtime reports, events, review alarms.

#### 865244 Remote Control Performance Specifications

Power (when not connected to the USB interface of the monitor)	Two AA primary cells
--	----------------------

#### Interface Specifications

#### MX550 Interface Specifications

<b>Network</b>	Standard	10BASE-T and 100Base-TX (IEEE 802.3), auto-negotiation, full and half-duplex
	Connector	RJ45 (8 pin)
	Isolation	basic insulation (reference voltage: 250 V; test voltage: 1500 V)
<b>USB Interface</b>	Standard	USB 2.0 high-speed
	Connector	USB series "Standard A" receptacle
	Power	Low power port 4.4 V min., max. load for all ports together 500 mA
	Isolation	none
<b>Video Interface<sup>a</sup></b>	Connector	DVI-I (digital and analog, single link).
	Digital video signals	single link TMDS
	Analog video signals	0.7 Vpp@75Ω
	HSYNC/VSYNC signals	TTL
<b>Dual MIB/RS-232 Interface<sup>b</sup></b>	Standard	IEEE 11073 30200
	Connector	RJ45 (eight pin)
	Mode	BCC (Rx/D/TxD cross over) or DCC (Rx/D/TxD straight through).
	Power	5 V ±5%, 100 mA (max.)
	Isolation	basic insulation (reference voltage: 250 V, test voltage: 1500 V)

#### MX550 Interface Specifications

<b>Flexible Nurse Call Interface<sup>b</sup></b>	Connector	20 pin MDR (Mini D-Ribbon), active open and closed contacts.
	Contact	≤ 100 mA, ≤ 24 V DC
	Isolation	basic insulation (reference voltage: 250 V; test voltage: 1500 V)
	Delay	< (Configured Latency +0.5 sec)
<b>IntelliBridge EC10 IF Board</b>	Connector	Modular Jack 8P8C
	Power	5 V 5% @ 0 – 100 mA <sup>c</sup>
	Isolation	double insulation (reference voltage: 250 V; test voltage: 4000 V)
	Connectivity	RS-232/LAN
<b>Smart Hopping IF 1.4 GHz (USA only)</b>	Type	Internal WMTS Adapter
	Technology	compatible with Philips Cellular Telemetry System (CTS), cellular infrastructure.
	Frequency Band	WMTS, 1395 – 1400 MHz and 1427 – 1432 MHz
<b>Smart Hopping IF 2.4 GHz</b>	Type	Internal ISM Adapter
	Technology	compatible with Philips Cellular Telemetry System (CTS), cellular infrastructure.
	Frequency Band	2.4 GHz ISM







**EASE**  
**EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING**  
 2801 Connery Way, Suite B  
 Missoula, MT 59808  
 Phn: (406) 541-EASE (3273) Fax: (406) 541-3274

**Office of Statewide Health Planning and Development**  
**ANCHORAGE PRE-APPROVAL**

**OPA-2179-07**

Equipment Manufacturer: Hill-Rom Inc.

Equipment Type: Elements In Wall Mounted

**GENERAL NOTES**

**1. EXPANSION ANCHORS:**

- (a) ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING ICC REPORT.

Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Installation. Torque	Test Loads
1/2"	Hardrock	3000	Hilti Kwik Bolt TZ	ESR-1917	2"	16"	18"	6"	40 Ft-Lbs	Direct Pull Tension - 1834 lbs

**2. TESTING OF EXPANSION ANCHORS PER 2007 CBC, 1916A-8 : TENSION TESTING SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO OSHPD**

- (a) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST AT LEAST 50% OF THE ANCHORS.  
 (b) ACCEPTANCE CRITERIA: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE.  
 (c) IF ANY ANCHOR FAILS, TEST ALL ANCHORS.





**EASE**  
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2801 Connery Way, Suite B

Missoula, MT 59808

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Sheet 2 of 4

**Office of Statewide Health Planning and Development**  
**ANCHORAGE PRE-APPROVAL**

**OPA-2179-07**

Equipment Manufacturer: Hill-Rom Inc.

Equipment Type: Elements In Wall Mounted

**GENERAL NOTES (CONTINUED)**

3. FORCES PER ASCE 7-05 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE  $S_D = 1.93$ ,  $a_p = 2.5$ ,  $I_p = 1.5$  &  $R_p = 6.0$
4. THIS PRE-APPROVAL CONFORMS TO THE 2007 CALIFORNIA BUILDING CODE.
5. THE DETAILS IN THIS PRE-APPROVAL MAY BE USED AT ANY LOCATION IN THE STATE OF CALIFORNIA.  
THE ELEVATED FLOOR DETAILS MAY BE USED AT ANY HEIGHT IN A BUILDING.
6. ALL ANCHOR FORCES SHOWN ON THE DRAWINGS ARE WORKING LOADS (AS OPPOSED TO STRENGTH LEVEL LOADS)  
AND MAY BE USED FOR ALLOWABLE STRESS DESIGN.
7. SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).
8. THIS PRE-APPROVAL COVERS THE ANCHORAGE OF THE UNIT ONLY.

**RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD**

9. VERIFY THAT THE CONCRETE SLAB WHICH THE EQUIPMENT IS ANCHORED TO IS NOT CRACKED.
10. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS (18" MIN).
11. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY NEW OR EXISTING ANCHORS (16" MIN).
12. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.  
THE SEOR SHALL ALSO VERIFY THE ADEQUACY OF THE STRUCTURES (SUCH AS WALLS AND FLOORS)  
WHICH SUPPORT THE UNITS FOR THE LOADS IMPOSED ON THEM BY THE UNITS AS WELL AS ALL OTHER LOADS.
13. PROVIDE RIGID ( $a_p = 1.0$ ) SUPPORTING STRUCTURE REQUIRED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION  
TO ALL OTHER LOADS.
14. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2007 CBC AND WITH THE DETAILS SHOWN IN THIS PRE-APPROVAL.  
VERIFY THAT THE ACTUAL EQUIPMENT'S WEIGHT, CG LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS AND THE MATERIAL AND  
GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PRE-APPROVAL DOCUMENTS.



**HILL-ROM, INC.**

**ELEMENTS IN WALL MOUNTED**

DES. **R. LA BRIE**

JOB NO. **11-0903**

DATE **8/16/10**

SHEET

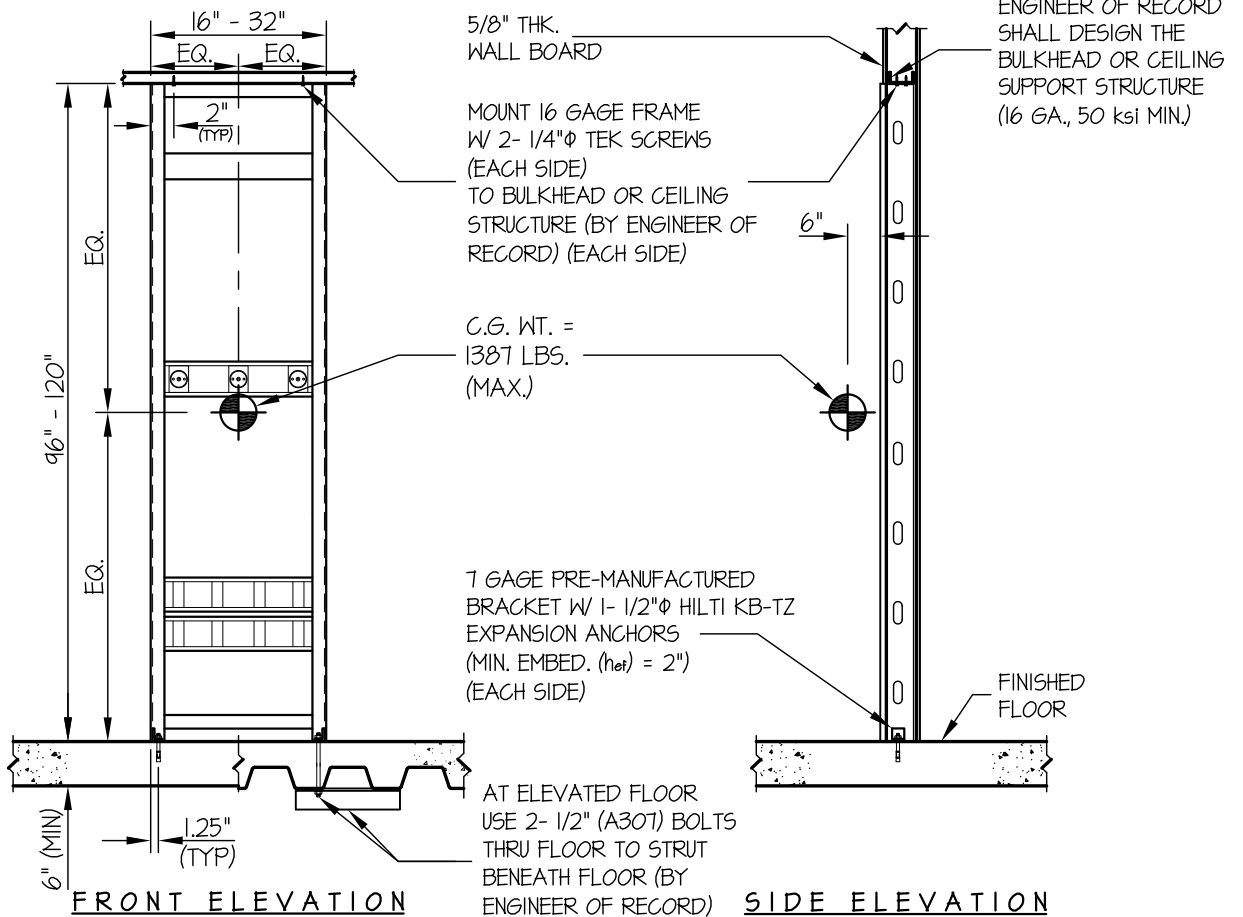
**3**

OF **4** SHEETS

SEISMIC ANCHORAGE

**SINGLE SIDED UNIT**

SLAB ON GRADE / ELEVATED FLOOR



**NOTES:**

- ANCHORAGE DESIGN PER 2007 CALIFORNIA BUILDING CODE - SECTION 1613A AND ASCE 7-05 SECTIONS 12 AND 13. ALLOWABLE STRESS DESIGN IS USED.

$$\text{HORIZONTAL FORCE (E}_h\text{)} = 1.01 W_p \quad (S_Ds = 1.93, a_p = 2.5, I_p = 1.5, R_p = 6.0)$$

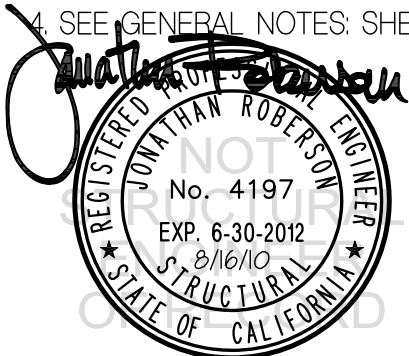
$$\text{VERTICAL FORCE (E}_v\text{)} = 0.27 W_p$$

$$V_{\text{TOP SCREWS}} = 191 \text{ LBS/SCREW}$$

$$V_{\text{BOTTOM BOLTS}} = 378 \text{ LBS/BOLT}$$

- CENTER OF GRAVITY (C.G.) WEIGHT IS A MAXIMUM. THIS PRE-APPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.
- ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE RIGID ( $a_p = 1.0$ ) SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.

- SEE GENERAL NOTES: SHEETS 1-2.





**HILL-ROM, INC.**

**ELEMENTS IN WALL MOUNTED**

DES. **R. LA BRIE**

JOB NO. **11-0903**

DATE **8/16/10**

SHEET

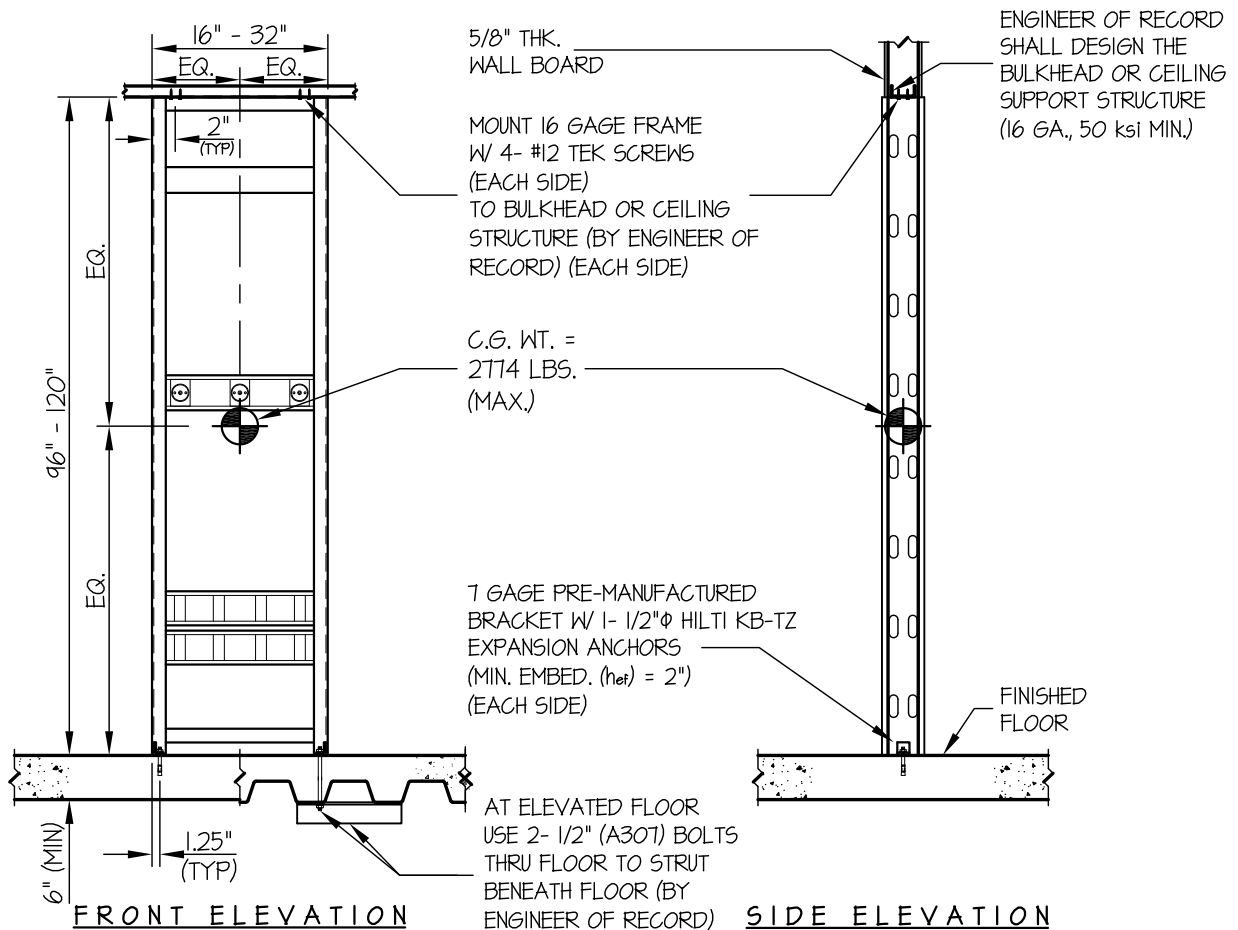
**4**

OF **4** SHEETS

SEISMIC ANCHORAGE

**DOUBLE SIDED UNIT**

SLAB ON GRADE / ELEVATED FLOOR



**NOTES:**

1. ANCHORAGE DESIGN PER 2007 CALIFORNIA BUILDING CODE - SECTION 1613A AND ASCE 7-05 SECTIONS 12 AND 13. ALLOWABLE STRESS DESIGN IS USED.

$$\text{HORIZONTAL FORCE (Eh)} = 1.01 W_p \quad (S_Ds = 1.93, a_p = 2.5, I_p = 1.5, R_p = 6.0)$$

$$\text{VERTICAL FORCE (Ev)} = 0.27 W_p$$

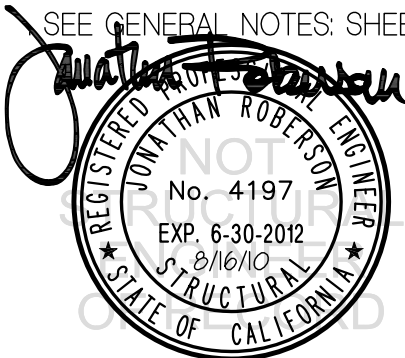
$$V_{\text{TOP}} = 175 \text{ LBS/SCREW}$$

$$V_{\text{BOTTOM}} = 701 \text{ LBS/BOLT}$$

2. CENTER OF GRAVITY (C.G.) WEIGHT IS A MAXIMUM. THIS PRE-APPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.

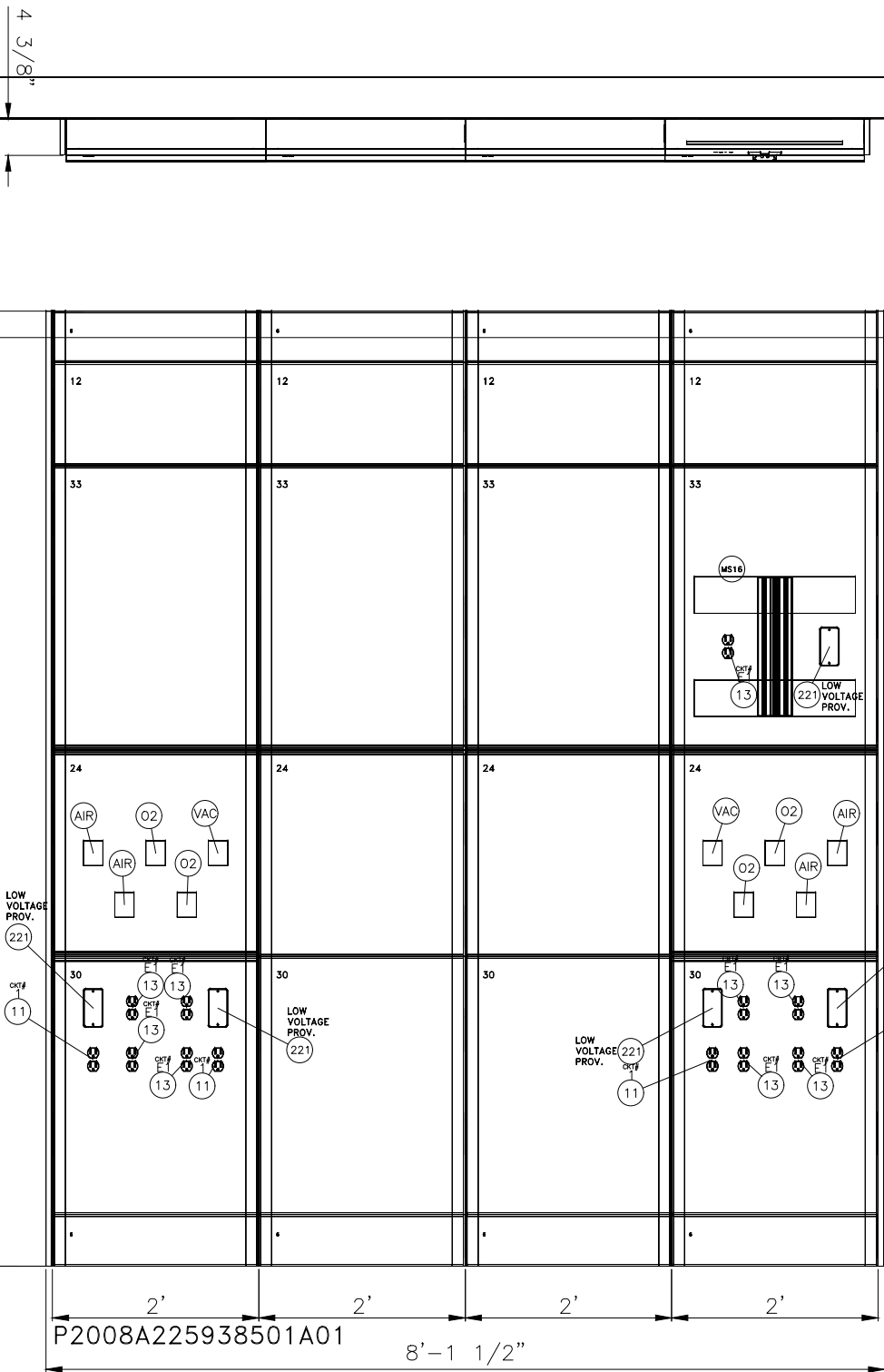
3. ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE RIGID ( $a_p = 1.0$ ) SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.

SEE GENERAL NOTES: SHEETS 1-2.



ELEMENTS ON WALL 1

Unit ID:01A



- 114
- 111"
- 108"
- 105"
- 102"
- 99"
- 96"
- 93"
- 90"
- 87"
- 84"
- 81"
- 78"
- 75"
- 72"
- 69"
- 66"
- 63"
- 60"
- 57"
- 54"
- 51"
- 48"
- 45"
- 42"
- 39"
- 36"
- 33"
- 30"
- 27"
- 24"
- 21"
- 18"
- 15"
- 12"
- 9"
- 6"
- 3"



P2008A225938501A01  
ELEMENTS ON WALL 1

ITEM #	QTY	PART #	DESCRIPTION
11	4		RECEPTACLE, DUPLEX IVORY (20A)
13	9		RECEPTACLE, DUPLEX RED (20A)
221	5		PROVISION, 1GANG W/FACEPLATE
AIR	4		UNKNOWN Gas AIR UNKNOWN
O2	4		UNKNOWN Gas O2 UNKNOWN
VAC	2		UNKNOWN Gas VAC UNKNOWN
MS16	1		MONITOR SLIDE 16 in

ITEM	QTY	PART#	DESCRIPTION
6	24	GapTrim 0.345, Indent, COLOR UNDECIDED	
1		Accessory Rails With: UNSPECIFIED NONE 000	
1		P00570104 Domestic JBox	
1		P005601 Domestic Gas Manifold	
5		Studs @ 3.625 Depth	
19		Metal Panels With: None 000	
1		Wood Panels With: None 000	
1		Side Panel With: None NONE 000	
1		Side Panel With: None NONE 000	



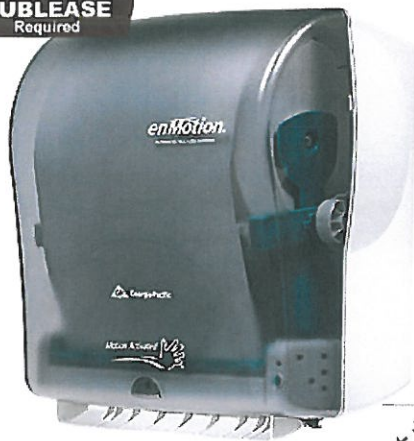
P2008A225938501A01

8'-1 1/2"

Frame 1Frame 2Frame 3Frame 4

UL LISTED	PROPOSED UNIT IS DESIGNED FOR (3) POWER SOURCES. FACILITIES REQUIRING ADDITIONAL POWER SOURCES SHOULD REVIEW WITH LOCAL HILL-ROM SALES SPECIALIST.			<p><b>NOTICE:</b></p> <p>The drawings and all information thereon is property of: HILL-ROM COMPANY, Inc. Batesville, Indiana</p> <p>This drawing and information thereon, is confidential; and must not be made public, copied or used to disadvantage of said Hill-Rom Company, Inc. It is subject to return on demand.</p>	<p>PATIENT ENVIRONMENT</p> <p>1069 State Route 46 East Batesville, Indiana 47006 Ph: (812) 934-7777 www.hill-rom.com</p>		Project Manager: kased		Customer: TRI CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CA, 92056 UNITED STATES		Date: 6/30/2015	Scale: None
	CPT:	PE:					Customer ID: 609587	Presentation				
	kased	Checked By:	Room Description: NICU				Quantity: 1	File Name: 25938501A				



**SUBLEASE**  
Required How can we improve our **Product Images?**☐ Compare

## Paper Towel Dispenser, Hardwound, Smoke

### GEORGIA-PACIFIC

**Price** ⓘ  
**\$95.35 / each**☒ Deliver one time only☐ Auto-Reorder Every 1 Month ⓘ

1 Add to Cart

+ Add to List

Confirm ZIP Code to determine availability.

ZIP Code

91909

Save

**022 TOWEL DISPENSER****Required Accessories**☐ Paper Towel Roll,enMotion,Br,800ft.,PK6 | Item # 4ACU1 | \$104.40☐ Toilet Paper Dispr,Coreless,7-1/8 In. H | Item # 4DJU5 | \$33.25[View More Required Accessories](#) **Repair Parts Available for this item**☆☆☆☆☆ **Be the first to write a review** | [Ask & Answer](#)Item # **3EB49**Mfr. Model # **59462**UNSPSC # **47131701**Catalog Page # **1791**Catalog Group # **J1293**Shipping Weight **11.65 lbs.**Country of Origin **China** | Country of Origin is subject to change.*Note: Product availability is real-time updated and adjusted continuously. The product will be reserved for you when you complete your order. [More](#)*

### Technical Specs

Item	<b>Paper Towel Dispenser</b>	Dispenser Capacity	<b>(1) Roll w/Stub Roll</b>
Paper Towel Type	<b>Hardwound</b>	Height	<b>16-3/4"</b>
Dispenser Operation	<b>Automated</b>	Width	<b>14-3/4"</b>
Dispenser Material	<b>Plastic</b>	Depth	<b>9-3/4"</b>
Color	<b>Translucent Smoke</b>	For Use With	<b>Mfr. No. 89460or89490</b>
Dispenser Mounting	<b>Wall Mounted</b>	Includes	<b>(4) D-Cell Batteries, Adjustable Paper Length Setting</b>
Hands Free	<b>Yes</b>	Green Environmental Attribute	<b>Product Contributes to Reducing Energy Consumption</b>





SEARS

T

023



Sold by: Sears

Regular price \$1599.99  
Your savings - \$160.89

**\$1439.10**

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to use later

☒ **Delivery**  
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Layaway Available

☐ **FREE Store Pickup**  
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☐ Meet with an expert in our store **NEW**

☐ Order by phone

[View Alaska/Hawaii Pricing](#)

#### view key features

- Ventless condensing drying system
- Anti-vibration system
- SpeedWash cycle



add to list

add to registry

Like It Want It Have It

Description Item # 02602532000P Model # WM3477HW

#### Save Valuable Space with the LG 2.3 Cu. Ft. 24" Compact Washer/Dryer Combo

If you live in a small home, this large capacity LG 2.3 Cu. Ft. 24" Compact Washer/Dryer Combo will be the perfect fit for your place. A powerful all-in-one washer and dryer, this unit provides high-quality functionality without crowding the room. The ventless condensing drying system is completely self-contained, making it a great solution for homes that do not have an external venting source. Featuring 6 unique wash motions, 6Motion technology lets you pick the perfect cycle to care for any type of fabric so your clothes look new, wash after wash. At 1400 RPM for its spin cycle, you can dry your clothes in less time and save energy, too.

Take advantage of top-notch features such as Smart Diagnosis, which is designed to reduce maintenance calls and keep your LG 2.3 Cu. Ft. 24" Compact Washer/Dryer working as it should. The combo washer and dryer unit features a quiet operation, keeping this laundry system from disrupting you while you work, watch TV or even sleep. The NeverRust wash tub is made of durable stainless steel to prevent your fabrics from snagging or tearing. LG is so confident in their product, they offer a 10-year warranty for the motor, so you can buy with confidence.

The LG 2.3 Cu. Ft. 24" Compact Washer/Dryer Combo features a ventless condensing drying system that is completely self-contained

6Motion Technology uses six different wash motions so you can find the right cycle for your needs

Smart Diagnosis feature helps you get quick help when needed, minimizing service calls

LG TrueBalance anti-vibration system reduces washer noise and vibration

SpeedWash Cycle cleans in just 15 minutes

SenseClean system automatically sets wash time and water level for each load

Bright LED display is easy-to-use

LoDecibel feature ensures quiet operation

NSF-certified Sanitary Cycle removes the toughest stains and bacteria to keep your family healthy

NeverRust wash tub is made of quality stainless steel

Dimensions: 24"W x 25-1/4"D x 33-1/2"H

10-year warranty on direct drive motor

Have product questions?

[Chat with a LG expert](#)

## Feature Highlights



### More Free Time

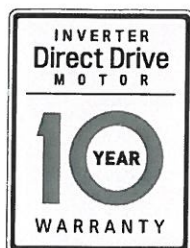
Towers of towels, piles of sweatshirts, and a mountain of jeans? Go for it. Large capacity tub lets you do more laundry in fewer loads. That's time saved and sore backs avoided.

### Finally You Can Do Laundry at Home

This combo washer and dryer is ideal if you don't have an external venting source. Perfect for homes, apartments, businesses and vacation homes where space is valuable.

### The Perfect Fit

This compact washer is perfect for apartments, condos or small spaces. And at just 24 inches in width, it's the perfect fit for your lifestyle.



Count On It

All the Right Moves

Get Wise

When you buy a washer, you want something reliable. The Direct Drive Motor uses fewer moving parts and operates more efficiently and is backed by a 10-year warranty.

6Motion™ technology combines up to 6 different wash motions to provide a revolutionary cleaning experience.

SmartDiagnosis™ helps the service center diagnose problems by phone or with an app on your smart phone, helping to minimize costly, inconvenient service calls.

## Consider These Alternatives



Kenmore 4.3 cu. ft. Front-Load Washer w/Steam - White



Kenmore Elite 4.5 cu. ft. Front-Load Washer w/ Accela Wash

\$699.99

\$799.99

## Frequently Bought Together

### This product:



LG 2.3 Cu. Ft. 24" Compact Washer/Dryer Combo

## Specifications

### Product Specifications

#### Dimensions:

Width (in.):  
24

Weight (lbs.):  
155.4

Depth with Door Closed (in.):  
25.25

Height to Top of Cabinet:  
33.5

Dryer Interior Size:  
Less than 4 cu. ft.

Depth with Door Open (in.):  
45  
Shipping Depth (in.):  
25.25  
Shipping Width (in.):  
26  
Shipping Height (in.):  
33.5

**Dimensions and Capacity:**

Washer Interior Size:  
Less than 4 cu. ft.

**Product Overview:**

Quiet Package:  
Yes

Adjustable Legs:  
Yes

Weight, Shipping:  
166.2

**Color:**

Color Family:  
White

**Power:**

Minimum Circuit Rating:  
10 amps

Voltage:  
110/120V

Power Source:  
110/120V Electric

**Capacity:**

Washer Interior Capacity (cu. ft.):  
2.3

**General Features:**

Control Type:  
Electronic LED

Power Cord Included:  
Yes

Drain Hose Included:  
Yes

Reversible Door:  
No

Fill Hoses Included:  
No

Matching Pedestal:  
None

Remote Diagnostics:  
Uses Phone Receiver

Water Factor:  
4.5

**Venting:**

Venting (facing dryer):  
Ventless

**Warranties & Coverage:**

General Warranty:  
1 Year Parts and Labor, 10 Years Motor, Lifetime on Drum

**Durability:**

Top and Lid Material:  
Powdercoat-on-steel

Drum Material:  
Stainless steel

**Cleaning:**

Wash Agitator (Motion):  
Wash Plate

Maximum Spin Speed (rpm):  
1400



10/15/2015

LG 2.3 Cu. Ft. 24" Compact Washer/Dryer Combo—Sears

Number of Soil Levels:

1

Number of Water Temperatures:

5

**Dispensers:**

Prewash Detergent Dispenser:

Yes

Dispensers:

Detergent

Dispensers:

Prewash Detergent Dispenser

Dispensers:

Fabric Softener Dispenser

**Special Cycles:**

Light Wash:

No

**Cycles:**

Wash Cycles:

Permanent Press Cycle

Wash Cycles:

Delicate Wash Cycle

Wash Cycles:

Normal Wash Cycle

Wash Cycles:

Handwash Cycle

Wash Cycles:

Rinse & Spin Cycle

Wash Cycles:

Speed Wash Cycle

Wash Cycles:

Wool Cycle

Dry Cycles:

Normal Dry Cycle

Dry Cycles:

Damp Dry Cycle

**Cycle Options:**

Delay Wash:

Yes

Cycle Status Lights:

Yes

End of Cycle Signal:

Yes

Color Cycle:

No

Spin Speed Option:

Extra High (1400 max.), High, Medium, Low, No Spin

**Efficiency:**

Kilowatt Hrs. per Year:

115

Modified Energy Factor:

2.2

**Certifications:**

ENERGY STAR Compliant:

No

## Sears Protection Agreements [select one](#)

Keep your laundry appliances running like new for years to come with the Guaranteed BEST Protection. Enjoy the peace of mind that comes from having a plan that delivers what it promises. Our [appliance repair](#) technicians have the training and knowledge to get every job done right. You'll get:



- **Worry-Free Coverage** – Unlimited service with no deductibles or fees
- **Replacement Guarantee** – If we can't fix it, we'll deliver and install a new one;
- **Annual Preventive Maintenance** – We'll take care of the small problems before they become big ones;
- **Service Promise** – If your laundry appliance can't be fixed during our first home visit, we'll provide an allowance for a laundry rental or service.



- ☐ **5-Year In-Home Master Protection Agreement** **\$479.99** Less than \$8 a month\*
- ☐ **3-Year In-Home Master Protection Agreement** **\$369.99** Less than \$11 a month\*
- ☐ **Maybe Later**

\*For comparison purposes only. Financing not available. Payment due in full at checkout.

## learn more about Protection Agreements

## Ratings & Reviews

Overall, others give this:

6 Reviews |

4 Reviewers (67%) would recommend this

### Overall Rating Breakdown:



Reviewers may have received a benefit, like a sweepstakes entry or reward's program points, in exchange for writing a review. Those benefits were not conditioned on the positive or negative content of the review.

### Most Helpful Reviews

#### Praise



33 visitors found this helpful



#### Great unit for condos, apartments, and busy people!

When I was researching this unit, I needed small, efficient machine that didn't need to vent outside. We live in a small condo built in the 1960s with very expensive coin laundry. We got this Washer/Dryer installed in our bathroom and could not be happier! When I was researching this unit, here are the things that I was wondering about that I hope will save you some time: - The washer/dryer plugs into a standard 3 prong U.S. outlet. The same outlet that charges your phone

#### Criticism



7 visitors found this helpful

#### BEWARE! Poor Product!

We are full time RVers and installed this unit in our fifth wheel in 2012. The first three months we owned this unit we absolutely love it. Month four, the troubles began. The water pump went out three separate times, the control panel went out causing the unit to shut down during a wash cycle and wouldn't open until a service tech could come out. I have had the heating elements replaced and the thermostats just went out. 85 percent of the time we have owned this unit it has been INOP. I am very fortunate we bought the service warranty because it payed for its self the first time the water pump went out. Sears

will power your washer/dryer. - It doesn't need to vent anywhere, nor does it make the room hot. - You can put in a load of laundry, have it wash, then dry on its own without having to push buttons or move anything between cycles. It works with 80% of cycles with few exceptions (bedding mode being one of them). - Washing is normal speed, drying takes forever! While washing might take an hour, it could take 4-5 hours for the load to dry. It's not uncommon to have a wash/dry load take 5.5 - 6 hours. For me, I don't really care because I put in laundry before I go to work or before I go to sleep and open the unit up to find a done load. You can easily do one load a day and not worry about moving it. - Every other week, you drain out water and anything else that your washer/dryer has collected to keep the loads fresh and not stinky. - As noted above, drying takes forever. If you care about speed, look elsewhere. If you care about convenience and don't want to move loads while you're out and/or sleeping, this is perfect. - Uses high efficiency detergent and is also extremely energy efficient. - It isn't loud at all, quieter than a dishwasher! - While I can't make any guarantees for your set up, we have a 1.5" drain pipe instead of the standard 2" because of our old building. Our washer/dryer has absolutely no problems draining in the smaller pipe because of how efficiently the unit uses and drains water - not even close to overflowing the drain. The unit does really ever do a waterfall-like drain where it empties the whole tub in a spin cycle. The water always comes out at a reasonable pace. - Get vibration foot pads for the unit. It will keep things running quieter and make sure that your washer/dryer doesn't dance while you're at work. If you live in a condo or apartment and live above someone, definitely invest in the vibration pads. If you live in a small apartment or condo, this is a fantastic unit that holds a lot and does a lot. If you really need your laundry done fast, this isn't the unit for you. If you sleep and/or work and don't foresee doing more than one load of laundry per day, the convenience of being able to do a complete load of laundry without switching anything couldn't be better. We love this unit!

by [davechung](#)

Los Angeles, CA | Mon, Feb 2, 2015

has followed through with the protection agreement and is replacing the unit with a comparable unit of our choosing. I will not consider replacing it with another all in one combo. I am going to take the loss, replace it with a washer and purchase a vented 110v dryer to stack on top of it. I have spoken with many other RVers passing through our campground having owned a LG all in one washer/dryer and they have had the same troubles with their units in which we have had with our. I would not recommend this product to anybody and hope you shy away from making the mistake of purchasing this unit. I do, however, own other LG products which are excellent and would recommend the brand for a separate washer and vented dryer.

by ooDANoo

Mon, Feb 2, 2015 via mobile

3.5 stars – based out of 6 reviews



Great for a camper!

Bought this for our 5th wheel camper. It just fit in the closet. It is heavy and bulky, but the closet is big and we can still hang clothes over it. It sits right over the hitch which is a good location. So far I have only used it once. Worked great! Not too noisy, only took 3 hours for clothes to be completely dry. Yes, they were wrinkled, but hanging them while they were still hot took care of most of the wrinkles and who cares when you are camping? Be sure not to overload it. The instructions warn against that. It will take longer and lead to more wrinkles, which is common sense. You can only do small loads. Laundromats are expensive and inconvenient. I look forward to using my own clean washer and dryer as we travel.

I would recommend this product to a friend.

by Happ Camper

Mon, Sep 14, 2015

via LG.com



Get the job done

We have had the machine for over 6 months and it have been the best investment we have made this year. L

I would recommend this product to a friend.

by Nina1

Westchester County, NY | Sun, Sep 13, 2015

via LG.com



3 visitors found this helpful



Verified Purchase

Awesome Product

This is my second washer/dryer combo. I live in an apartment and I have it the kitchen. I put a quick connect sink adapter, which attaches to kitchen sink. It is so quiet, I had trouble with the Thor combo, it was on wheels and it would move around. This LG combo is on feet and it does not move. The dryer is so much better than my last one. And you can pause and the lock unlocks, my old one would take forever to open. When I move to a house I will hook it directly up. It is perfect for a one person household. I love the warranty!

I would recommend this product to a friend.

by Magenadog1

Big Spring, TX | Mon, Jun 15, 2015



10 visitors found this helpful



Verified Purchase

Wonderful Machine!

I live in an apartment complex where management doesn't fix problems too well. My dryer vent coming into my laundry room fell out of the top of the ceiling; and with it, a pile of compacted lint. This was on the inside, not the outside of my apartment. The dryer vent outside access is about 12 feet in the air and obviously, the height and the way it funneled through my ceiling, prevented me from cleaning it. I knew management didn't care, but I did because another apartment burned down with a fire that started in the laundry room. Besides, my appliances were old and I knew sooner or later, one or both would die. I have always wanted a front loader, and when I learned it was a combination washer/dryer, which was ventless, I was elated! I am fascinated by this machine and how convenient it is. I have had no problem whatsoever with the clothes being completely dry upon removal. My laundry looks clean and smells fresh. The only thing I miss is being able to smell laundry being done and the fabric softener smell after the wash. I am using Downy April Fresh and have always been able to smell it. The convenience is great not having to transfer laundry from one machine to another. The only feature lacking is that on some cycle selections, the dry feature is not continuous after washing. You have to use the Drain/Spin cycle after the washer stops to engage the drying option. According to the instructions, it does state that drying is not included in some cycles to protect certain types of fabrics. The machine does spin at an



extremely high rate of speed. I bought rubber feet pad for appliances, \$6.99 at a Bed, Bath and Beyond store instead of buying right from LG. One consumer stated the non-slip package cost him \$100 from LG. I recommend that the machine be stabilized, it will move during the high-spin cycle. Some people complained, about the time factor, but for me, this is not a problem, it's a learning curve from a regular washer/dryer. High efficiency products take longer to wash, and the drying method is condensation drying, which is a new concept to me. Overall, I am very satisfied and would recommend this machine. The only thing that bothered me is that it was an expensive purchase, but remember it is two in one. I really love it! I've been washing everyday and sitting and watching it like a cat, I'm sure that novelty will wear off. It's so cool, like a spaceship with all the lights and controls.

**I would recommend this product to a friend.**

by [Mikie\\_Ray](#)

Saint Clairsville, OH | Mon, May 18, 2015



7 visitors found this helpful

#### **BEWARE! Poor Product!**

We are full time RVers and installed this unit in or fifth wheel in 2012. The first three months we owned this unit we absolutely love it. Month four, the troubles began. The water pump went out three separate times, the control panel went out causing the unit to shut down during a wash cycle and wouldn't open until a service tech could come out. I have had the heating elements replaced and the thermostats just went out. 85 percent of the time we have owned this unit it has been INOP. I am very fortunate we bought the service warranty because it payed for its self the first time the water pump went out. Sears has followed through with the protection agreement and is replacing the unit with a comparable unit of our choosing. I will not consider replacing it with another all in one combo. I am going to take the loss, replace it with a washer and purchase a vented 110v dryer to stack on top of it. I have spoken with many other RVers passing through our campground having owned a LG all in one washer/dryer and they have had the same troubles with their units in which we have had with our. I would not recommend this product to anybody and hope you shy away from making the mistake of purchasing this unit. I do, however, own other LG products which are excellent and would recommend the brand for a separate washer and vented dryer.

by [ooDANoo](#)

Wed, Apr 15, 2015

via mobile



[LG All-in-one Washer and Dryers](#)

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## Questions & Answers

0 Questions | [ask a question](#)

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Portable Laundry Spin  
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6.3 cu. ft. Gas Single  
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Classic 575 Blender  
Black

★★★★★ (1)

Sold By Sears



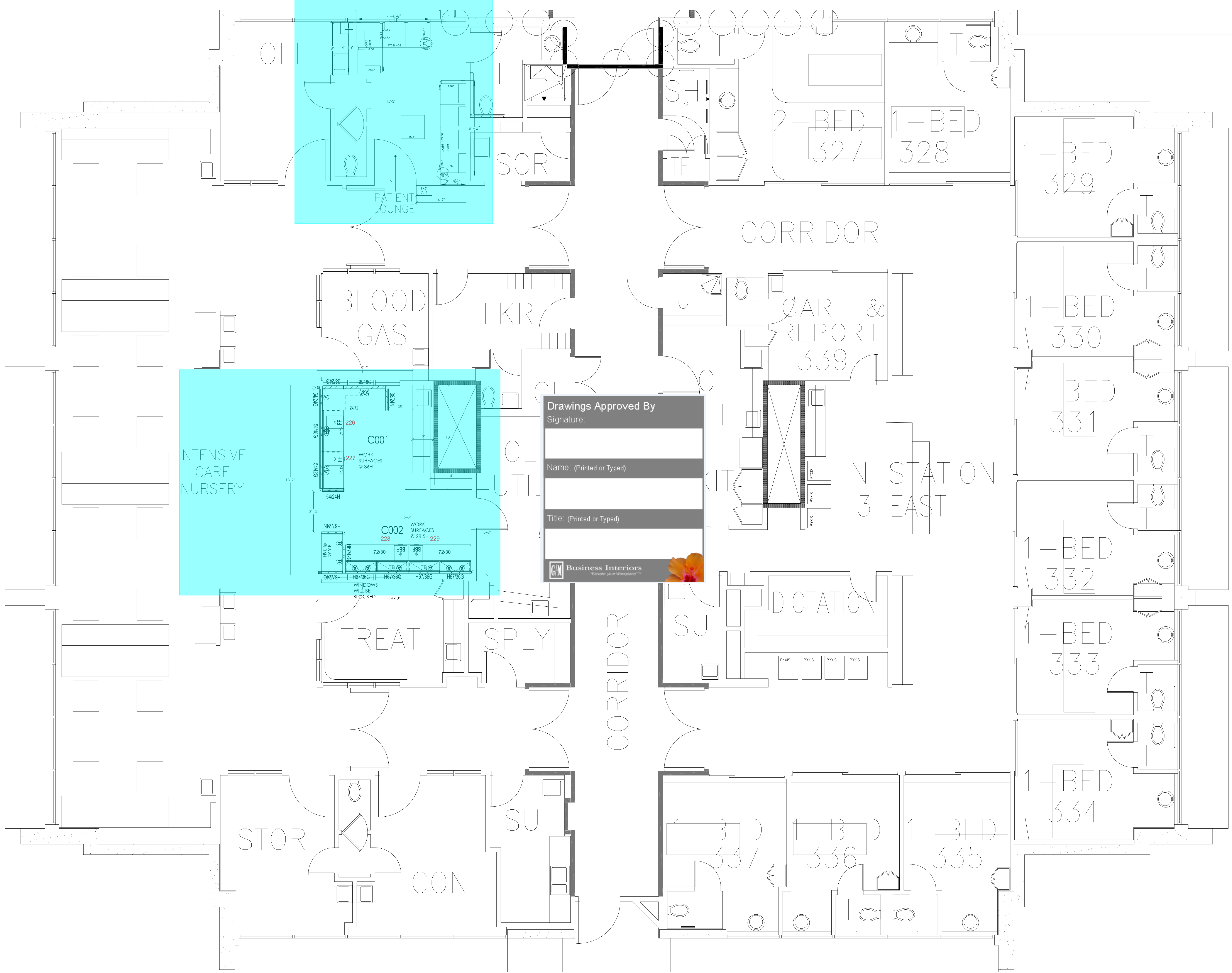
**\$89.99**

K10 Mini Plus Brewer  
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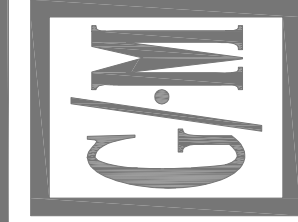
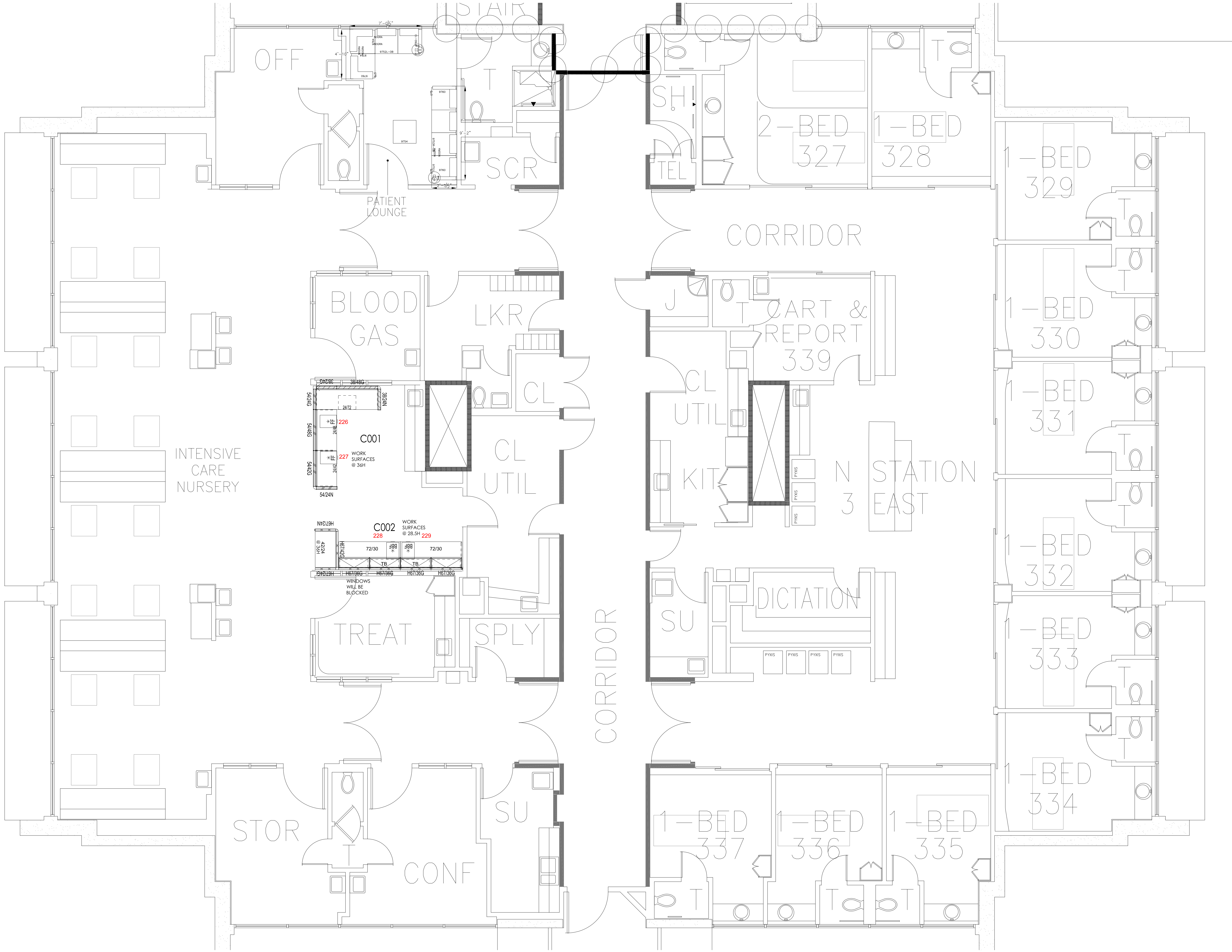
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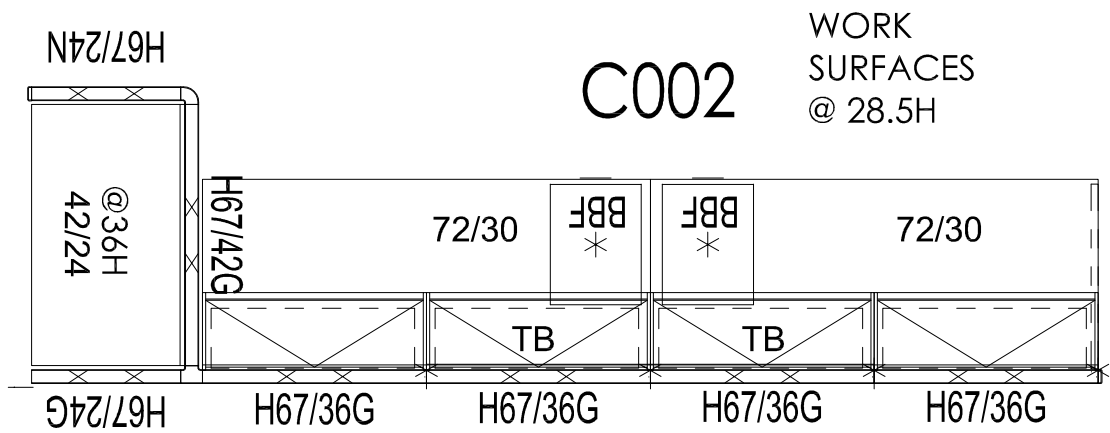
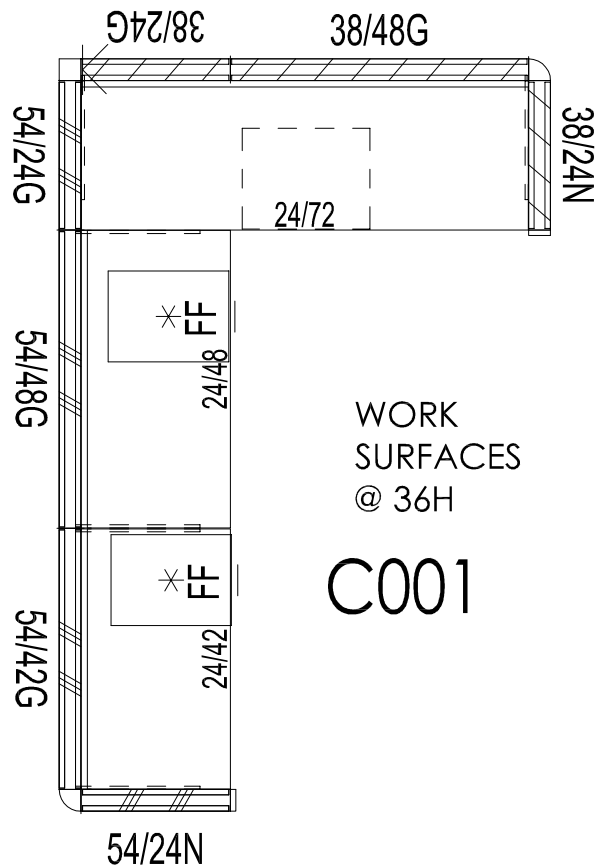
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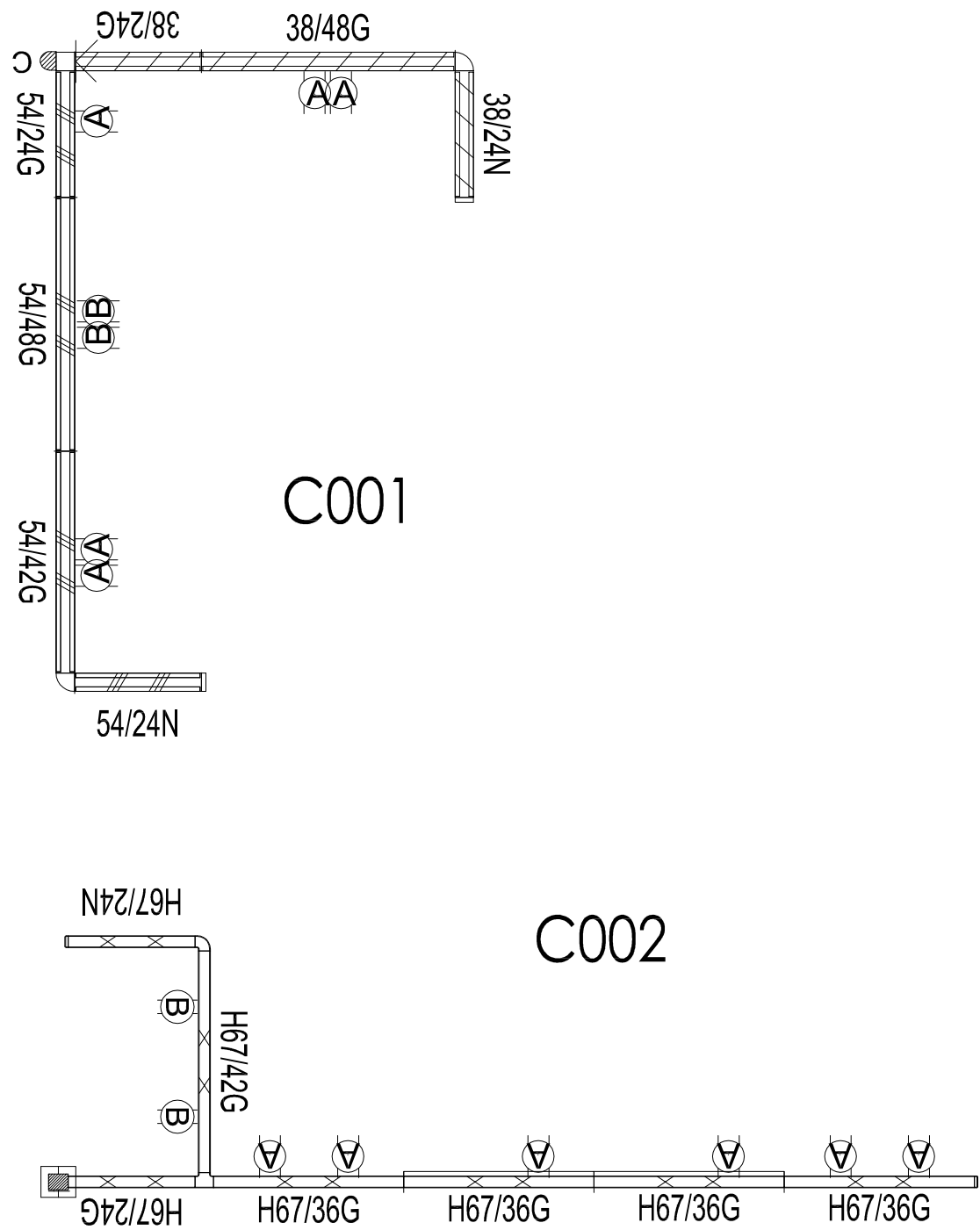
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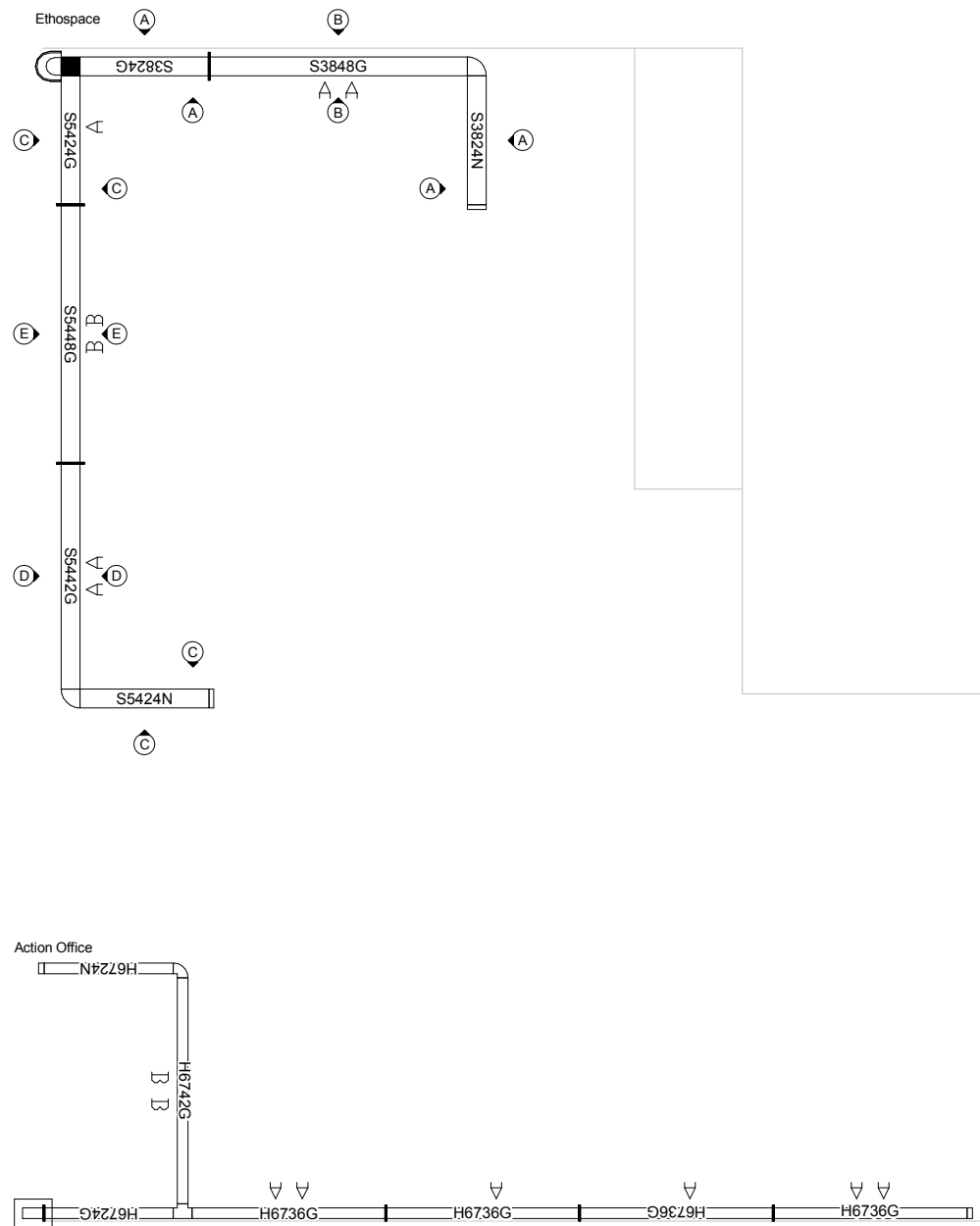
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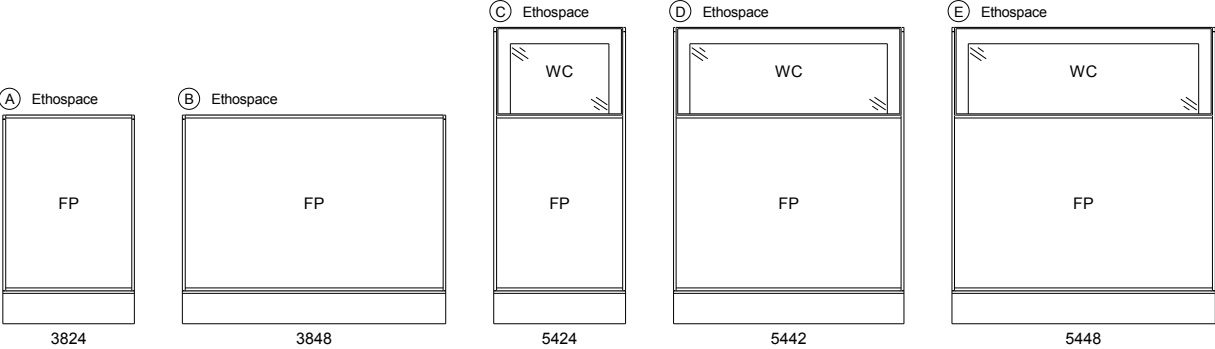
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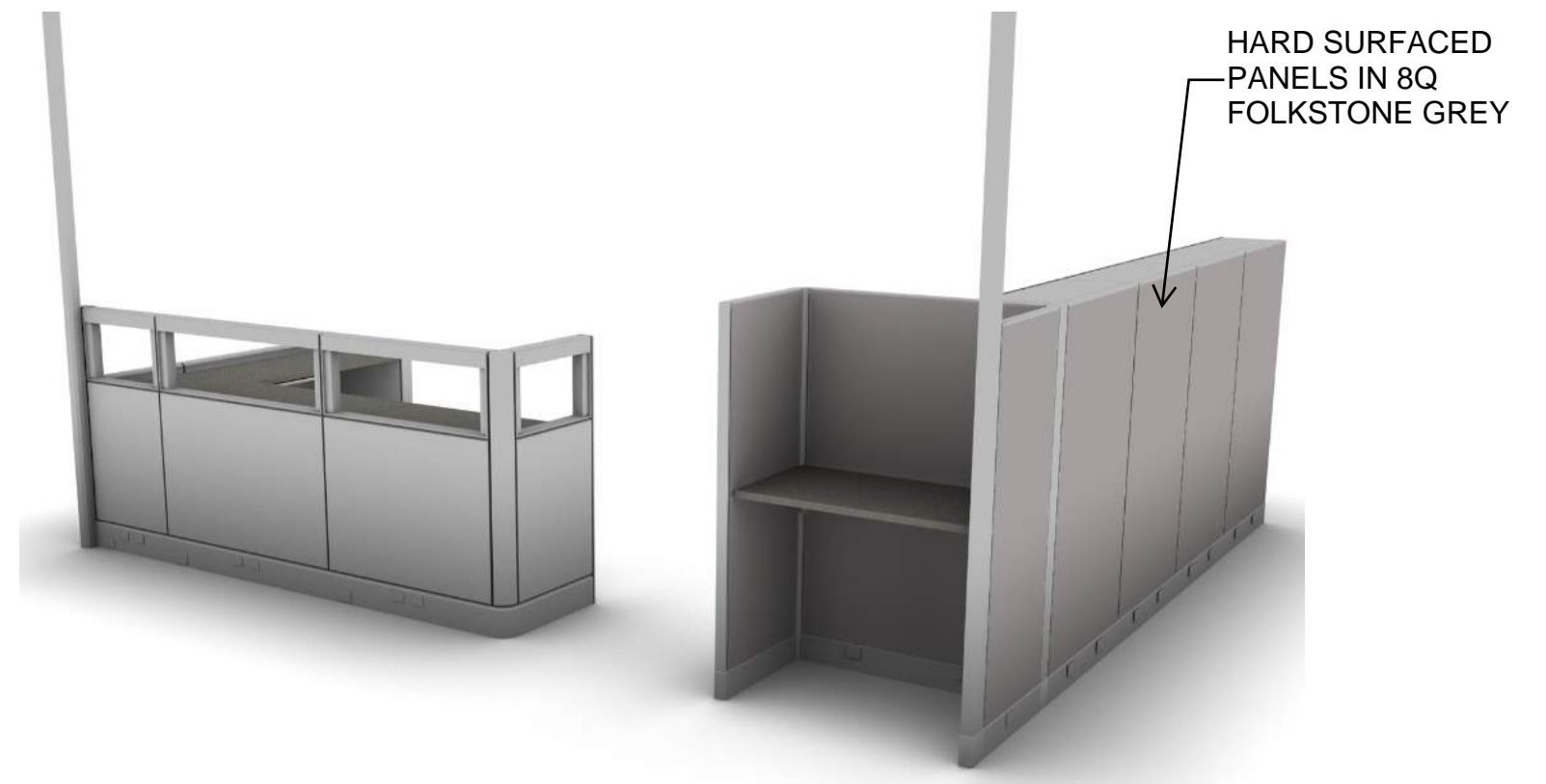
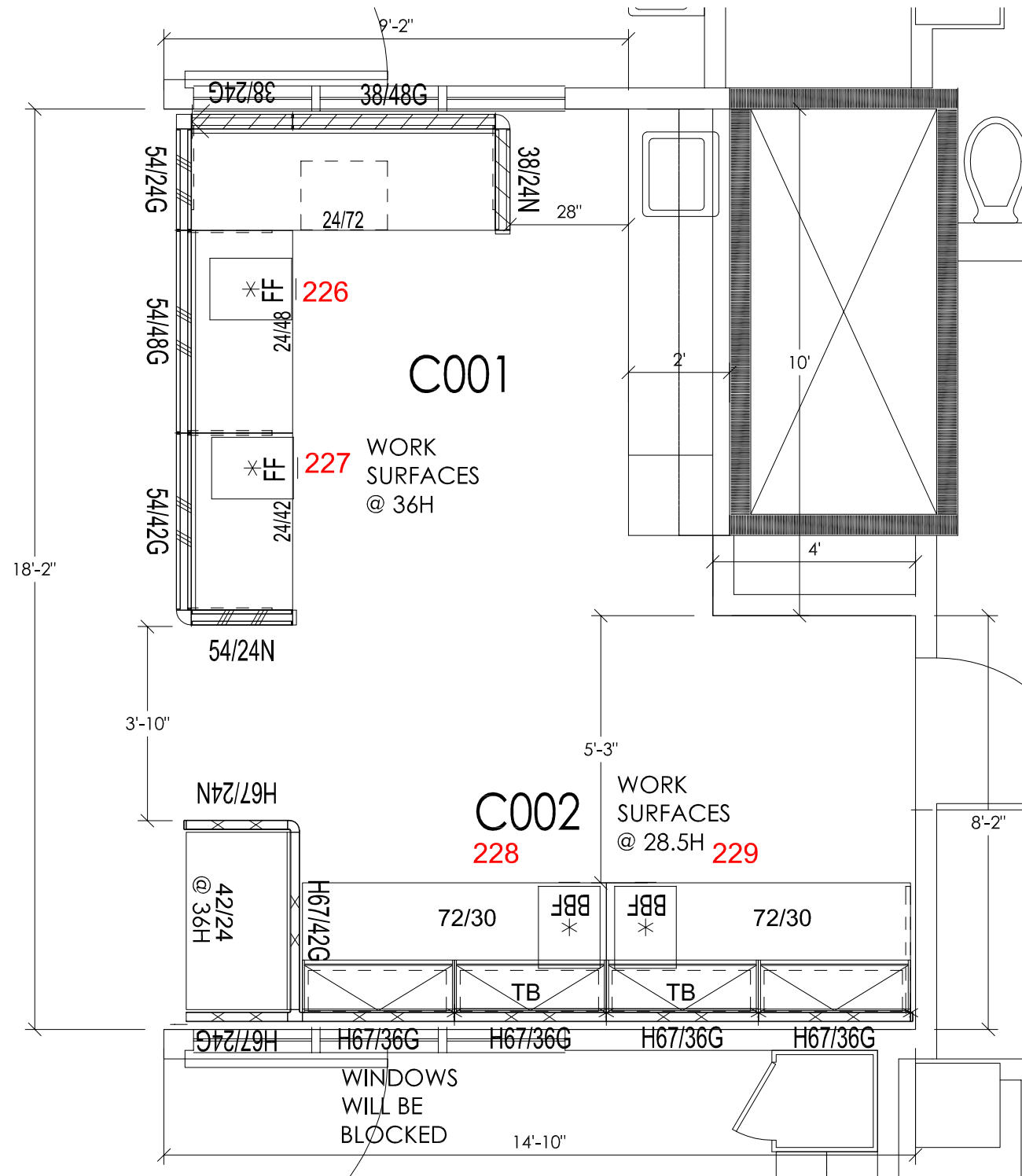




**Fabrics:** Ethospace Tile-Fabric1: 5109 Bayou

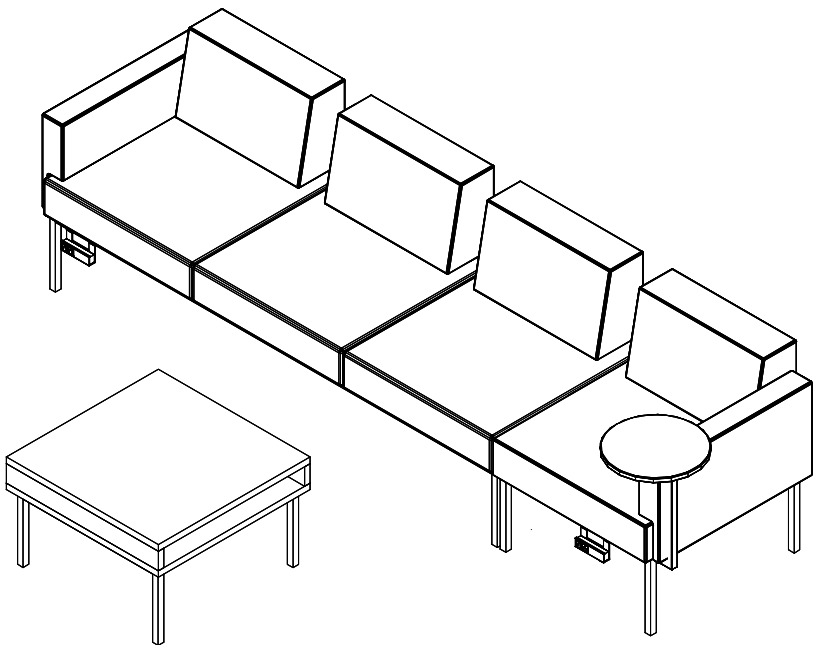
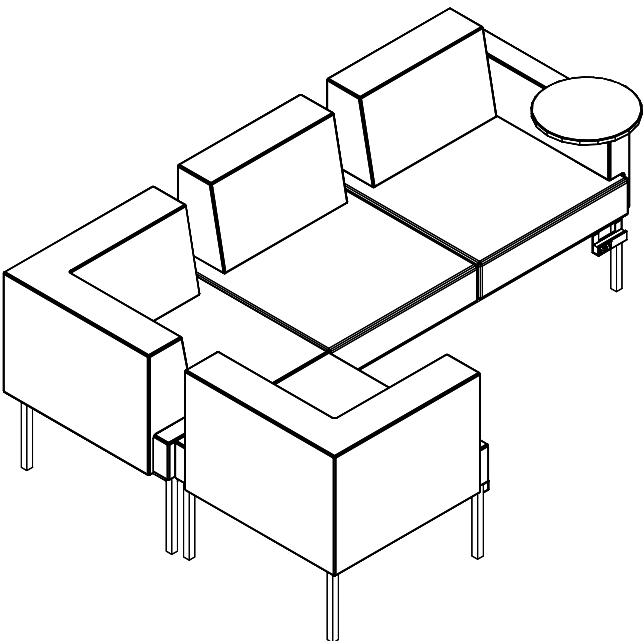
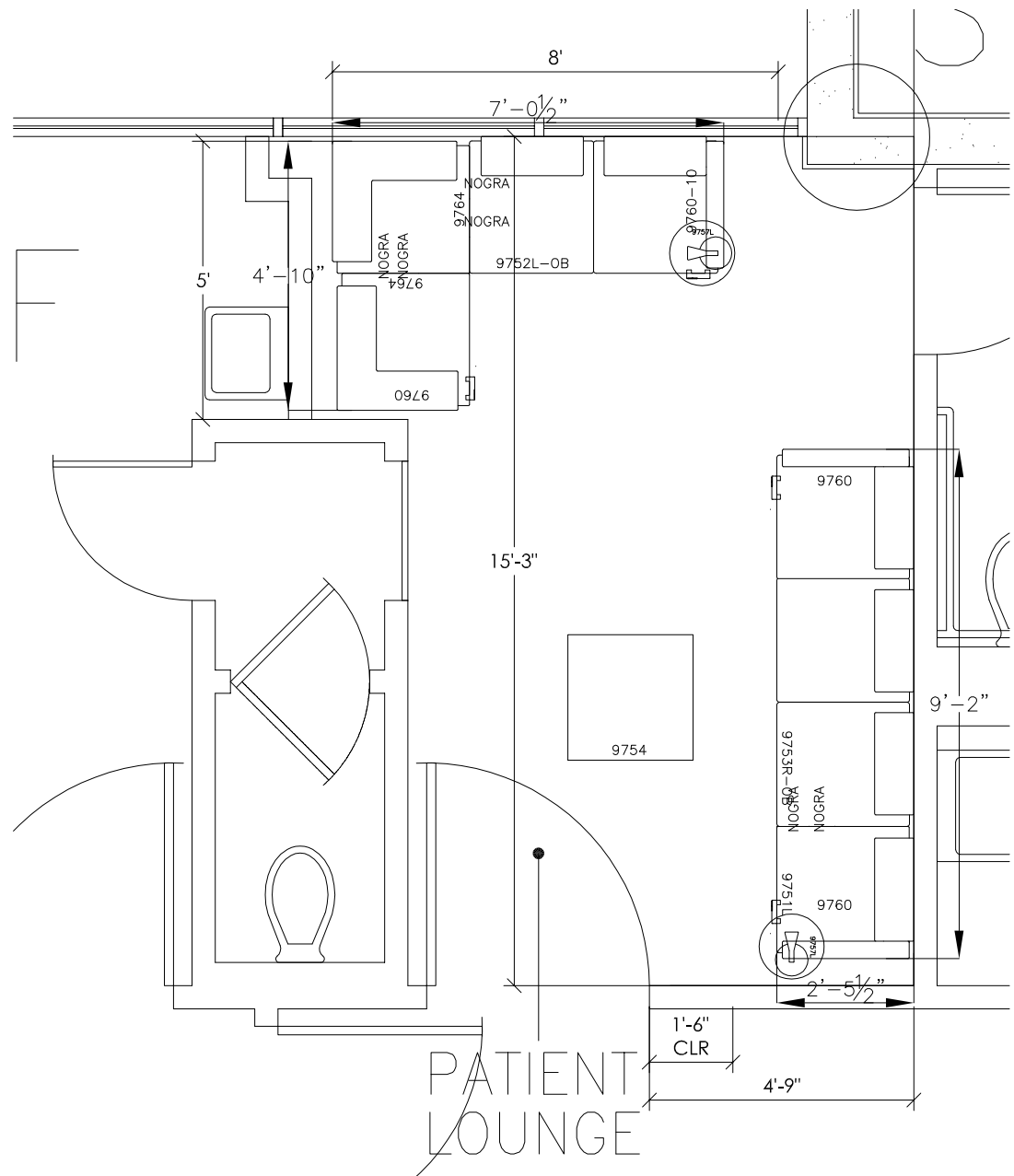


## Standing Height Option - 36H 3 Nurses



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