

SECTION 08 14 00

WOOD DOORS

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Wood doors and frames, non-rated and fire rated.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate door elevations.

1.4 QUALITY ASSURANCE

- A. Perform work in accordance with the following:
  - 1. NWWDA I.S.1.
  - 2. Fire Door Construction: Conform to NFPA 252, UL 10B.
  - 3. Installed Door Assembly: Conform to NFPA 80 for fire rated class as scheduled.

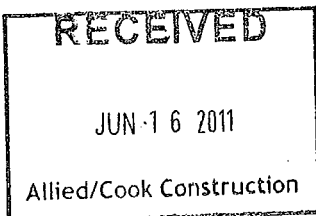
1.5 WARRANTY

- A. Section 01001 - Basic Requirements: Provide a five year warranty to include coverage:
  - 1. Interior Doors: Five (5) years.
- B. Include coverage for delamination of veneer, warping beyond specified installation tolerances, defective materials, telegraphing core construction.

2 PART 2 PRODUCTS

2.1 DOOR TYPES

- A. Manufacturers:
  - 1. Blount Lumber Co.
  - 2. Brockway Smith Co.
  - 3. Eggers Industries
  - 4. Jeld-Wen Inc.
  - 5. The Maiman Co.
  - 6. Marshfield Door Systems Inc.
  - 7. Millennium Doors.
  - 8. Mohawk Flush Doors Inc.



- B. Interior Doors: 1-3/8 inch thick hollow core and 1-3/4 inch solid core construction; as indicated on Door Schedule.

## 2.2 DOOR CONSTRUCTION

- A. Core (Hollow): NWWDA, mesh or cellular core including lock blocks, vertical edge bands, and top and bottom rails.
- B. Core (Solid, non-rated): NWWDA I.S.1-A-97, PC-5 or PC-7, Type Solid particle board mat-formed, bonded core.
- C. Core (Solid, Fire-Rated): NWWDA I.S.1-A-97, FD-5 or FD-7, Type Solid mineral core, bonded.

## 2.3 DOOR FACING

- A. Face Panel: Hollow Core Doors: Hardboard, embossed two panel design two sides, smooth, tempered, 1/8 inch (3 mm) thick; ANSI/AHA A-135.4.
- B. Face Panel: Solid Core Doors: Match existing material and color.
- C. Adhesive: NWWDA, Type II - water resistant.

## 2.4 FRAMES

- A. Interior Door Frames: Hollow core doors: Split jamb wood frames suitable for paint finish with BROSCO 8710 casings both sides. Refer to Door Schedule.
- B. Interior Door Frames: Solid core doors: Solid Double Rabbeted jamb wood frames suitable for paint finish with BROSCO 8710 casings both sides. Refer to Door Schedule.
- C. Interior Door Frames, Fire Rated Doors: 14 ga. hollow metal frames.

## 2.5 FABRICATION

- A. Fabricate doors with hardware reinforcement blocking in place.
- B. Factory machine doors for finish hardware.
- C. Factory fit doors for frame opening dimensions identified on shop drawings.

## 2.6 FINISH

- A. Factory prime hardboard faced doors.
- B. Seal door top and bottom edge with finish to match door facing.
- C. Clear coat wood veneer doors with manufacturer's standard stain and clear finish.
- C. Color as selected by Owner from manufacturer's complete color line.

### 3 PART 3 EXECUTION

#### 3.1 INSTALLATION

- A. Install doors and frames in accordance with manufacturer's instructions and NWWDA I.S.1 requirements.
- B. Coordinate installation of doors with installation of metal frames specified in Section 08 11 13 and hardware specified in Section 08 71 00.
- C. Adjust door for smooth and balanced door movement.

#### 3.2 INSTALLATION TOLERANCES

- A. Conform to NWWDA requirements for fit and clearance tolerances and maximum diagonal distortion.
- B. Maximum Diagonal Distortion: 1/8 inch measured with straight edge, corner to corner.

...END OF SECTION 08 14 00

## SECTION 09 21 16

## GYPSUM BOARD ASSEMBLIES

1 PART 1 GENERAL

## 1.1 SUMMARY

- A. Section includes gypsum board with joint treatment; metal stud wall framing; metal channel ceiling framing; and acoustic insulation.

## 1.2 SYSTEM DESCRIPTION

- A. Acoustic Attenuation for Identified Interior Partitions: 50 STC in accordance with ASTM E90.

## 1.3 SUBMITTALS

- A. Product Data: Submit data on metal framing, gypsum board, joint tape; acoustic accessories and joint compound.

## 1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with ASTM C840, GA-201 - Gypsum Board for Walls and Ceilings, GA-214 - Recommended Specification: Levels of Gypsum Board Finish, GA-216 - Recommended Specifications for the Application and Finishing of Gypsum Board, GA-600 - Fire Resistance Design Manual.
- B. Furnish framing materials in accordance with SSMA - Product Technical Information.
- C. Fire Rated Construction: Rating as indicated on Drawings.
  - 1. Tested Rating: Determined in accordance with ASTM E119.
  - 2. Fire Rated Partitions: Listed assembly by UL, WH, GA File.

2 PART 2 PRODUCTS

## 2.1 GYPSUM BOARD ASSEMBLIES

- A. Manufacturers:
  - 1. Celotex Building Products
  - 2. Domtar Gypsum, Inc.
  - 3. G-P Gypsum Corp
  - 4. National Gypsum Co
  - 5. US Gypsum.

## 2.2 COMPONENTS

- A. Studs and Tracks: ASTM C645, GA-216 and GA-600; galvanized sheet steel, 0.021 and 0.036 inch thick, C shape.
- B. Furring, Framing, and Accessories: ASTM C645, GA-216 and GA-600.
- C. Gypsum Board Materials: ASTM C1396/C1396M; Type X fire resistant where indicated on Drawings].
  - 1. Standard Gypsum Board: 5/8 inch thick, maximum available length in place; ends square cut, tapered edges.
  - 2. Moisture Resistant Gypsum Board: 5/8 inch thick, maximum available length in place; ends square cut, tapered edges.
  - 3. For repair of existing drywall surfaces, use the same thickness as the existing.

## 2.3 ACCESSORIES

- A. Acoustic Insulation: ASTM C665, preformed glass fiber, friction fit type, unfaced, 2.5 inch thick.
- B. Acoustic Sealant: Non-hardening, non-skinning, for use in conjunction with gypsum board.
- C. Gypsum Board Accessories: ASTM C1047; metal; corner beads, edge trim, and expansion joints.
  - 1. Metal Accessories: Galvanized steel.
  - 2. Plastic Accessories: PVC plastic.
  - 3. Edge Trim: Type LC, L bead.
- D. Joint Materials: ASTM C475, GA-201 and GA-216, reinforcing tape, joint compound, adhesive, and water.
- D. Fasteners: ASTM C1002; Type S; length to suit application.
- E. Adhesive: ASTM C557, GA-216.
- F. Gypsum Board Screws: ASTM C954, ASTM C1002; length to suit application.
  - 1. Screws for Steel Framing: Type S.

## 3 PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify site conditions are ready to receive work.

### 3.2 INSTALLATION

- A. Metal Studs:
  - 1. Install studs in accordance with ASTM C754, GA-216 and GA-600.
  - 2. Metal Stud Spacing: 16 inches oc.

2. Partition Heights: Full height to structure above. Install additional bracing for partitions extending above ceiling.
- B. Ceiling Framing:
1. Install in accordance with ASTM C754, GA-216.
  2. Coordinate location of hangers with other work. Install ceiling framing independent of walls, columns, and above ceiling work.
  3. Reinforce openings in ceiling suspension system interrupting main carrying channels or furring channels, with lateral channel bracing.
  4. Laterally brace entire suspension system.
- C. Acoustic Accessories:
1. Install resilient channels at maximum 24 inches oc. [Locate joints over framing members.]
  2. Place acoustic insulation in partitions tight within spaces, around cut openings, behind and around electrical and mechanical items within or behind partitions, and tight to items passing through partitions.
  3. Install acoustic sealant within partitions.
- D. Gypsum Board:
1. Install gypsum board in accordance with GA-216 and GA-600.
  2. Fasten gypsum board to furring or framing with screws.
  3. Place control joints consistent with lines of building spaces as recommended by gypsum board manufacturer and as directed by Architect/Engineer.]
  4. Place corner beads at external corners. Use longest practical length. Place edge trim where gypsum board abuts dissimilar materials.
  3. Seal cut edges and holes in moisture resistant gypsum board and exterior gypsum soffit board with sealant.
- E. Joint Treatment:
1. Tape, fill, and sand exposed joints, edges, and corners to produce smooth surface ready to receive finishes.
  2. Feather coats onto adjoining surfaces so camber is maximum 1/32 inch.
- F. Tolerances: Maximum Variation from Flat Surface: 1/8 inch in 10 feet in any direction.

...END OF SECTION 09 21 16

SECTION 09 65 00  
RESILIENT FLOORING

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Resilient vinyl sheet, tile flooring and base.  
B. Linoleum sheet flooring.

1.3 SYSTEM DESCRIPTION

- A. Resilient Flooring: Conform to applicable code for flame/smoke rating requirements of 75/450 in accordance with ASTM E84 and critical radiant flux (CRF) of 0.45 per ASTM E648.

1.4 EXTRA MATERIAL

- A. Provide 5% of resilient flooring of each type, color and pattern.

2 PART 2 PRODUCTS

2.1 SHEET MATERIALS

- A. Homogeneous Vinyl Sheet: Refer to Room Finish Schedule for schedule of materials.

1. Total Thickness: 0.080 inch nominal.
2. Sheet Width: 72 inch minimum.
3. Heat welded seams.
4. Manufacturers:

- a. Armstrong World Industries Inc.
- b. Congoleum Corp.
- c. Mannington Mills Inc.
- d. Tarkett Inc.

- B. Heterogeneous Linoleum: Refer to Room Finish Schedule for schedule of materials.

1. Total Thickness: 0.080 inch nominal.
2. Sheet Width: 72 inch minimum.
3. Heat welded seams.
4. Manufacturers:

- a. Armstrong World Industries Inc.
- b. Forbo Flooring; Marmoleum
- c. Other manufacturers of approved equal products.

## 2.2 ACCESSORIES

- A. Subfloor Filler: Type recommended by floor material manufacturer.
- B. Primers and Adhesives: Waterproof, type recommended by floor material manufacturer.
  - 1. Flooring Adhesive: VOC emissions not to exceed 50 g/L.
  - 2. Cove Base Adhesive: VOC emissions not to exceed 50 g/L.
- C. Base: Vinyl top set coved:
  - 1. Height: 4 inch.
  - 2. Thickness: 0.080 inch thick.
  - 3. Finish: Satin
  - 4. Length: Roll.
  - 5. Manufacturers:
    - a. Armstrong World Industries Inc.
    - b. Azrock Industries Inc.
    - c. Johnsonite
    - d. Kentile Floors Inc.
    - e. Tarkett Inc.
- D. Moldings and Edge Strips: Vinyl, manufactured by Johnsonite.
- E. Sealer and Wax: Types recommended by floor material manufacturer.

## 3 PART 3 EXECUTION

### 3.1 EXAMINATION AND PREPARATION

- A. Conduct tests as required to verify that concrete floors are dry to maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, and dusting.
- B. Fill minor low spots and other defects with subfloor filler.
- C. Clean substrate.
- D. Apply primer as required to prevent "bleed-thru" or interference with adhesion by substances that cannot be removed.

### 3.2 INSTALLATION - SHEET MATERIAL

- A. Install in accordance with manufacturer's instructions.
- B. Spread adhesive and set flooring in place. Press with heavy roller to attain full adhesion.
- C. Install sheet flooring with seams parallel to width of room. Provide minimum of 1/3 full roll width. Double cut sheet and continuously seal with heat weld and butt joints hairline.
- D. Scribe flooring to produce tight joints at items that penetrate flooring.



- E. Where floor finishes are different on opposite sides of door, terminate flooring under centerline of door.
- F. Install edge strips at unprotected or exposed edges, where flooring terminates, at face of tub/shower units, and where indicated. Secure resilient strips by adhesive.

### 3.3 INSTALLATION - BASE MATERIAL

- A. Adhere base tight to wall and floor surfaces.
- B. Fit joints tightly and make vertical. Miter internal corners. At external corners, V cut back of base strip to 2/3 of its thickness and fold.

### 3.4 CLEANING

- A. Remove excess adhesive from surfaces without damage.
- B. Clean, seal, and wax surfaces in accordance with manufacturer's instructions prior to substantial completion.

...END OF SECTION 09 65 00

## SECTION 09 90 00

## PAINTING

1 PART 1 GENERAL

## 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

## 1.2 SECTION INCLUDES

- A. Surface preparation and field application of paints and coatings.

## 1.3 SYSTEM DESCRIPTION

- A. Conform to applicable code for flame and smoke rating requirements for products and finishes.

## 1.4 SUBMITTALS

- A. Product Data: Provide data on all finishing products.
- B. Samples: Submit coating samples for selection, illustrating range of colors and textures available for each surface finishing product scheduled.

## 1.5 ENVIRONMENTAL REQUIREMENTS

- A. Store and apply materials in environmental conditions required by manufacturer's instructions.

## 1.6 EXTRA MATERIALS

- A. Provide minimum of two (2) gallons of each type and color of coating specified.

2 PART 2 PRODUCTS

## 2.1 MATERIALS

- A. Manufacturers: Products of one or more manufacturers are listed in Finish Schedules to establish appearance, performance and quality characteristics. Products of other manufacturers may be accepted subject to review by Architect.
  - 1. Benjamin Moore and Co.
  - 2. ICI/Dulux
  - 3. PPG Industries: Pittsburgh Paints
  - 4. Pratt and Lambert
  - 5. Sherwin Williams Co.

- B. Coatings: Ready mixed except field catalyzed coatings of good flow and brushing properties, capable of drying or curing free of streaks or sags.
- C. VOC Content: Provide coatings with low or zero VOC content to the greatest extent possible. As a minimum, comply with requirements of Green Seal GS-11:
  - 1. Non flat: 150 g/l.
  - 2. Flat: 50 g/l.
- D. Quality: Manufacturer's best quality of each type of product specified. Provide paints with 100% acrylic resins.
- E. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials required to achieve the finishes specified, as recommended by coating manufacturer..

## 2.2 FINISHES

- A. Refer to schedule at end of section for surface finish schedule.

## 3 PART 3 EXECUTION

### 3.1 EXAMINATION AND PREPARATION

- A. Verify that substrate conditions are ready to receive Work.
- B. Measure moisture content of porous surfaces using an electronic moisture meter. Do not apply finishes unless moisture content is less than 12 percent.
- C. Correct minor defects and clean surfaces which affect work of this section.
- D. Remove electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- E. Gypsum Board Surfaces: Fill minor defects with latex compounds. Spot prime defects after repair.
- F. Shop Primed Steel Surfaces: Sand and scrape to remove loose primer and rust, hand or power tool clean, clean surfaces with solvent. Prime bare steel surfaces.
- G. Interior Wood Items Scheduled to Receive Paint Finish: Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats.
- H. Interior Wood Items Scheduled to Receive Transparent Finish: Wipe off dust and grit prior to sealing, seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after sealer has dried; sand lightly between coats.

### 3.2 APPLICATION

- A. Apply products in accordance with manufacturer's instructions.
- B. Sand transparent finishes lightly between coats to achieve required finish.

- C. Back prime interior and exterior woodwork scheduled to receive paint finish with primer paint.
- D. Back prime interior woodwork scheduled to receive stain or varnish finish with gloss varnish reduced 25 percent with mineral spirits.
- E. Minimum Coating Thickness: As recommended by manufacturer.
- F. Prime Coats: Prime material as recommended by manufacturer. Recoat primed surfaces as required to cover suction spots or unsealed areas.
- G. Pigmented Surfaces: Completely cover to achieve an opaque, smooth surface of uniform finish, color and appearance. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness or other imperfections will not be accepted.
- H. Transparent Finishes: Provide smooth surface of uniform luster, free of laps, cloudiness, color irregularity, runs, brush marks, orange peel, nail holes or other imperfections.
- I. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

### 3.3 CLEANING

- A. As work proceeds, promptly remove finishes where spilled, splashed, or spattered.

### 3.4 SCHEDULE - INTERIOR SURFACES

Surface	Finish	System	Product	Coats
Drywall	Flat	Primer	Benjamin Moore Regal FirstCoat 216	1
		Finish	Benjamin Moore Pristine Eco Spec Latex Flat 219	1
Drywall	Eggshell	Primer	Benjamin Moore Regal FirstCoat 216	1
		Finish	Benjamin Moore Pristine Eco Spec Latex Eggshell 223	2
Drywall	Semigloss	Primer	Benjamin Moore Regal FirstCoat 216	1
		Finish	Benjamin Moore Pristine Eco Spec Latex Semi-Gloss 224	2
Metal	Semigloss	Primer	Benjamin Moore IronClad Latex Low Lustre 363	1
		Finish	Benjamin Moore Pristine Eco Spec Latex Semi-Gloss 224	2
Wood	Semigloss	Primer	Benjamin Moore Regal FirstCoat 216	1
		Finish	Benjamin Moore Pristine Eco Spec Latex Semi-Gloss 224	2
Wood	Clear Satin	Finish	Benjamin Moore Benwood Acrylic Polyurethane 423	2
Hardboard Doors	Semigloss	Primer	Benjamin Moore Fresh Start Primer	1
		Finish	BM Pristine Eco Spec Latex Semi-Gloss 224	1

...END OF SECTION 09 90 00

## SECTION 10 28 00

## TOILET AND BATH ACCESSORIES

1 PART 1 GENERAL

## 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

## 1.2 SECTION INCLUDES

- A. Toilet and bath accessories.
- B. Grab bars.

## 1.3 SYSTEM DESCRIPTION

- A. Conform to applicable code for installing work in conformance with ANSI A117.1-2003 and ADA.

## 1.4 SUBMITTALS

- A. Product Data: Provide data on accessories describing size, finish, details of function, attachment methods.
- B. Supply to Owner 2 keys for any locking accessory. Key all accessories alike.

2 PART 2 PRODUCTS

## 2.1 MATERIALS

- A. Manufacturers: Products of one or more manufacturers are listed in Schedules to establish quality, appearance and performance characteristics. Products of other manufacturers may be accepted subject to review by Architect.

1. American Specialties Inc.
2. Basco.
3. Bobrick Washroom Equipment Inc.
4. Bradley Corp.
5. Broan/NuTone.
6. Franklin Brass.
7. McKinney/Parker Products Co.
8. Miami-Carey.

- B. Sheet Steel: ASTM A366.
- C. Stainless Steel Sheet: ASTM A167 Type 304.
- D. Tubing: ASTM A269 stainless steel.

- Provide 1 Alt.  
Pricing To Compare  
To NuTone.

- E. Fasteners, Screws, and Bolts: Hot dip galvanized steel, tamper-proof.

2.2 FABRICATION

- A. Form surfaces flat without distortion. Weld and grind joints smooth.
- B. Shop assemble components and package with anchors and fittings.
- C. Back paint components to prevent electrolysis.
- D. Provide steel anchor plates, adapters, and anchor components for installation.
- E. Hot dip galvanize exposed and painted ferrous metal and fastening devices.

2.3 FINISHES

- A. Anchors: Galvanize to 1.25 oz./sq yd.
- B. Ferrous Metals - Shop Primed: Pretreat and clean, spray apply one coat primer and bake.
- C. Enamel: Pretreat, one coat primer and two coats baked enamel.
- D. Chrome/Nickel Plating: ASTM B456, Type SC 2 polished finish.
- E. Stainless Steel: No. 4 satin luster finish.

3 PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify exact location of accessories for installation.
- B. Deliver inserts and rough-in frames to site. Provide templates and rough-in measurements as required.

3.2 INSTALLATION

- A. Install fixtures, accessories and items in accordance with manufacturers' instructions.
- B. Install plumb and level, securely and rigidly anchored to substrate.

3.3 ACCESSORIES SCHEDULE

ITEM	MANUFACTURER	MODEL NO.
Grab Bars	Bobrick	B-6206.99 series
Surface Mounted Medicine Cabinet	NuTone	S568N WHP

...END OF SECTION 10 28 00

*TOTAL OF (70) cabinets*



SECTION 11 31 00  
RESIDENTIAL EQUIPMENT

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Refrigerator, range.

1.3 QUALITY ASSURANCE

- A. Equipment: Conform to applicable code for UL approval.
- B. Energy Star: Provide only Energy Star listed residential equipment

1.4 SUBMITTALS

- A. Product Data: Provide data on equipment, and accessories.
- B. Operating and Maintenance Instructions: Include relevant instructions.
- C. Include maintenance information on regular servicing.

2 PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Products of one or more manufacturers are listed to establish quality, appearance and performance characteristics. Products of other manufacturers may be accepted subject to review by Architect.

1. Avanti Products.
2. Danby Products, Ltd.
3. Frigidaire.
4. Peerless-Premier Appliance Co.
5. Summit Appliances.

➤ Price At least 2  
Manufacturers.

2.2 REFRIGERATOR AND RANGE

- A. Apartment Refrigerator: Energy Star 10 cubic ft. capacity, 24" width, free standing type, no-frost freezer compartment below, with adjustable glass shelves and crispers, white color; Summit model no. FFBF240W, or equal.
- B. 20" Range: Electric free standing type, front controls, four plug in top burners, digital clock and timer, standard clean oven below with top and bottom elements; two chromed steel

(70) Ref. (70) Range &

racks, oven window in door, interior oven light, storage drawer, white color; Summit model no. SEM130CDK, or equal.

3 PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify that openings and utility services are ready to receive work and opening dimensions are as instructed by the manufacturer.

3.2 INSTALLATION

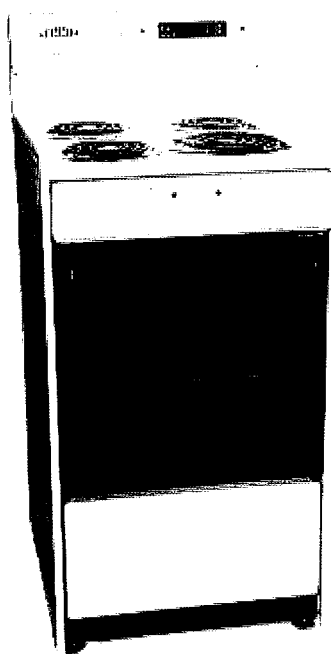
- A. Install equipment in accordance with manufacturer's instructions.
- B. Set and adjust units level and plumb.
- C. Activate units to confirm correct operation.
- D. Turn refrigerators on to moderate temperature setting.
- E. Connect to utilities and make units operational.
- F. Provide wall mounted switch for range exhaust fans in accessible units.

...END OF SECTION 11 31 00





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## SEM130CDK

SUMMIT offers a wide selection of household ranges with high quality construction at superior value.

Our apartment sized line of electric ranges includes the fully featured SEM130CDK with a bisque cabinet. At just 20" wide, this model is perfectly sized to fit into a tight space but has a large oven with broiler for family meals.

Fully equipped for stress-free cooking, the SEM130CDK includes a digital clock and timer. A lower storage compartment holds pots and pans and the see-through oven window with light lets you keep an eye on your baking. A durable yet elegant porcelain construction makes this unit a wise investment in value and luxury.

### Highlights

- 20" wide 220V electric range fits easily in any small kitchen
- Deluxe design with digital clock and timer
- Black see-through glass door with interior oven light
- Lower storage compartment for pots and pans
- Recessed oven door protects adjacent cabinetry
- Made in the USA

### Features

Slim 20" width	Apartment sized to fit in small or galley kitchens
220V electric range	Includes one 8" and three 6" coil elements
Porcelain construction	Bisque finish on solidly built porcelain construction
Black glass oven door	An attractive look with see-through convenience
Oven light	Keep an eye on your cooking
Digital clock and timer	Backguard includes time readout
Storage compartment	Drop-down porcelain door with lower section for separate broiling
Removable oven top and door	Added convenience for easier cleaning
Recessed oven door	Smart design limits the depth and protects adjacent cabinetry
Broiler pan included	Two-piece porcelain broiler tray with grease well
Antitip bracket	Install to protect the unit from tipovers

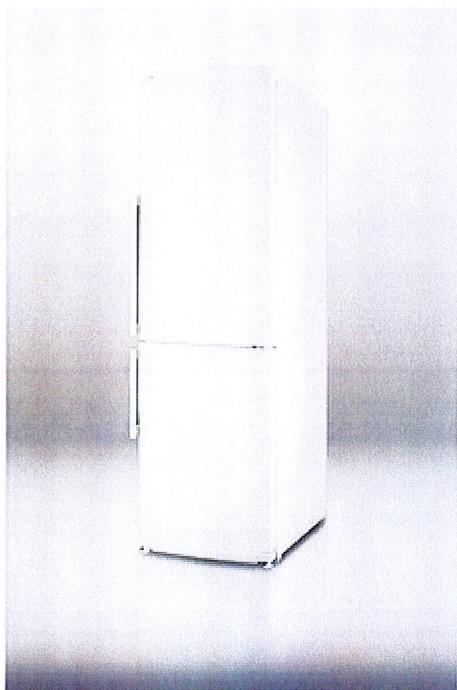
### Specifications

Height: 44.0"

### Options

Cabinet

Width:	20.0"	<b>Standard:</b>		
Depth:	24.0"	Bisque:	Bisque	
Capacity:	2.5 cu.ft.			<b>Door</b>
Shipping Weight:	145.0 lbs.	<b>Standard:</b>		
Weight:	100.0 lbs.	Black:	Black	
Fuel Type:	Electric			
Burner Type:	Coils			
Number of Burners:	4			
Burner Temperature Control:	Dial			
Oven Door Window:	Yes			
Cooktop Surface:	Porcelain			
Oven Temperature Control:	Dial			
Backsplash:	Yes			
Interior Oven Light:	Yes			
Cooking Timer:	Yes			
Backsplash Display:	Yes			
Parts/Labor Warranty:	1 Year			


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## FFBF240W

SUMMIT's counter depth series of FFBF refrigerator-freezers conserve energy and space but add quality and function with full features, convenient sizes, and ENERGY STAR approved operation.

Designed and manufactured in Europe, the FFBF240W has a large bottom frost-free freezer, a design rarely offered but in high demand on apartment-sized units. Inside, the frost-free freezer features three covered drawers to help keep the cold inside, even when the door is opened.

With a unique 24" counter deep footprint, FFBF240W is ideally sized for settings tight on space. The white doors are user reversible and include stylish steel handles. The auto defrost refrigerator interior is thoughtfully designed for proper storage, with adjustable glass shelves, two crispers, door racks, and a scalloped steel wine rack.

Fully featured and ENERGY STAR qualified, the FFBF240W is the ideal refrigerator-freezer for any home seeking full convenience in an easy fit.

### Highlights

- ENERGY STAR qualified for guaranteed savings on energy waste and utility bills
- Bottom freezer adds convenience to any home kitchen
- Frost-free freezer and auto defrost refrigerator section provide energy efficient, user friendly cooling
- Large capacity in counter depth 24" footprint

### Features

ENERGY STAR qualified

Rated by the DOE to perform with more efficiency than federal standards require, saving your unit energy and you on higher utility costs

Bottom freezer

Thoughtfully designed unit saves energy waste by putting the freezer under the refrigerator to keep commonly used contents at eye level

Adjustable glass shelves

Rearrange your refrigerator space to accommodate all shapes and sizes or remove shelves for a simple clean-up

Adjustable thermostat

Control your food's temperature with ease and accuracy

Door storage

Keep large bottles and condiments right on the door for easy access

Wine shelf

Store bottles safely on an adjustable scalloped steel rack

Two clear crispers

Get the longest life and best taste out of produce by storing greens in two convenient slide drawers

Interior light

Automatically illuminates when you open the door

Reversible doors

Keep your options flexible with reversible doors that are easy to switch when your arrangement changes

Large leveling legs

Sturdy leveling legs let you adjust the unit's height for the best fit

Ultra quiet performance

Advanced sound absorbing construction makes operation as soft as a whisper

Removable transparent freezer drawers

Unique freezer design keeps the cold inside, even when the door is opened

Combination frost-free/auto defrost design

Frost-free freezer and auto defrost refrigerator section for maximum energy savings

100% CFC free

Environmentally friendly design without ozone-damaging chemicals

## Specifications

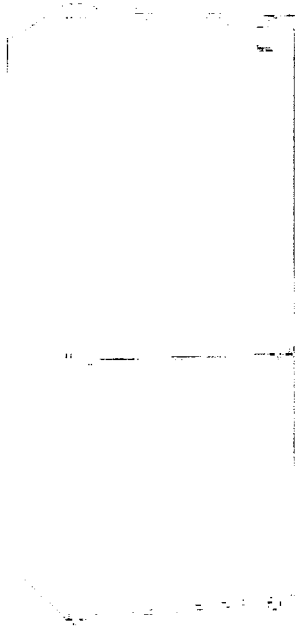
Height:	73.5"
Width:	23.63"
Depth:	23.5"
Capacity:	9.85 cu.ft.
Ext Depth with Handle:	24.63"
Interior Height 1:	37.5"
Interior Width 1:	19.75"
Interior Depth 1:	17.0"
Interior Height 2:	24.0"
Interior Width 2:	17.5"
Interior Depth 2:	13.5"
Shipping Weight:	185.0 lbs.
Energy Usage/Year:	380.0 kWh/year
US Electrical Safety:	UL
Reversible:	Yes
Door Swing:	RHD
Shelf Quantity:	5
Adjustable Shelf:	Yes
Shelf Type:	Glass
Crisper Cover Type:	Glass
Crisper Finish:	Opaque
Can Storage:	Yes
Gallon Storage:	Yes
Defrost Type:	Frost-Free/Automatic
Depth with door at 90°:	45.5"
Thermostat Type:	Dial
Fan Type:	Interior
Light:	Yes
Freon Type:	R134a
Level Legs Quantity:	2
Parts/Labor Warranty:	1 Year
Compressor Warranty:	5 Years

## Options

	<b>Cabinet</b>
<b>Standard:</b>	
White:	White
	<b>Door</b>
<b>Standard:</b>	
White:	White
	<b>Exterior</b>
<b>Upgrades:</b>	
PH - Probe Hole:	Factory installed probe hole for customer supplied monitoring devices
Logger:	USB Temperature Logger records interior temperature in 15 minute intervals to a USB flash drive for analysis on a PC or Mac
Latch:	Top-mounted door latch requires manual release to open door. Ideal for yachts, RVs, coach buses, and other vehicles.
Alarm:	Install a high/low temperature warning alarm with external temperature readout; meets most Health Dept. regulations
LHD:	Door reversal to left hand swing



## Bottom Mount Refrigerator ~ DFF261WDB



### Features

- 9.2 cu. ft. (261 litre) capacity Bottom Mount Refrigerator
- Energy Star® compliant
- Frost free operation, provides hassle free maintenance and improved food preservation
- Recessed pocket style handle
- Canstor® beverage dispenser
- Dual vegetable crispers with glass cover
- 2 adjustable glass shelves for maximum storage versatility
- 3 integrated door shelves
- Freezer storage basket
- Interior LED light illuminates without the heat of an incandescent bulb
- Reversible hinge for left or right hand opening

### Specifications

#### DIMENSIONS

Product Width	60.5 cm	23 13/16 "
Product Depth	68.0 cm	26 12/16 "
Product Height	152.0 cm	59 13/16 "

Carton Width	65.0 cm	25 9/16 "
Carton Height	160.0 cm	63 "
Carton Depth	73.0 cm	28 12/16 "

#### WEIGHT

Shipping Weight	75 Kg	165.3 Lbs.
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UPC: 0 67638 90138 3

### Warranty

#### WARRANTY INFORMATION

12 months parts and labour coverage with In-Home service.



## Refrigeration

### Bottom Mount Refrigerator

DFF261WDB | 9.20 CU. FT.

Danby's bottom mount refrigerator is compact and feature loaded. Boasting the coveted Energy Star® designation, spill proof glass shelves, 2 clear vegetable crispers, and a freezer storage basket, this model is sure to fit all your needs. At just under 60 inches tall and less than 24 inches wide, the compact design of the DFF261WDB is ideal for apartments, condos or as a secondary refrigerator.

#### NOTABLES



#### Dimensions

Product Width 60.5cm 23 13/16"

Product Depth 68.0cm 26 12/16"

Product Height 152.0cm 59 13/16"

#### Weight

Shipping Weight 75kg 165.3lbs

#### Capacity

By Volume 261.00 Liters 9.20 cu. ft.

#### Warranty Information

12 months parts and labour coverage with In-Home service.

#### Resources

Product Manual (620 KB)

Download Product Specs



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## Refrigeration

### Bottom Mount Refrigerator

DFF261WDB | 9.20 CU. FT.

Danby's bottom mount refrigerator is compact and feature loaded. Boasting the coveted Energy Star® designation, spill proof glass shelves, 2 clear vegetable crispers, and a freezer storage basket, this model is sure to fit all your needs. At just under 60 inches tall and less than 24 inches wide, the compact design of the DFF261WDB is ideal for apartments, condos or as a secondary refrigerator.

#### NOTABLES



9.2 cu. ft. (261 litre) capacity Bottom Mount Refrigerator

Energy Star® compliant

Frost free operation, provides hassle free maintenance and improved food preservation

Recessed pocket style handle

Canstor® beverage dispenser

Dual vegetable crispers with glass cover

2 adjustable glass shelves for maximum storage versatility

3 integrated door shelves

Freezer storage basket

Interior LED light illuminates without the heat of an incandescent bulb

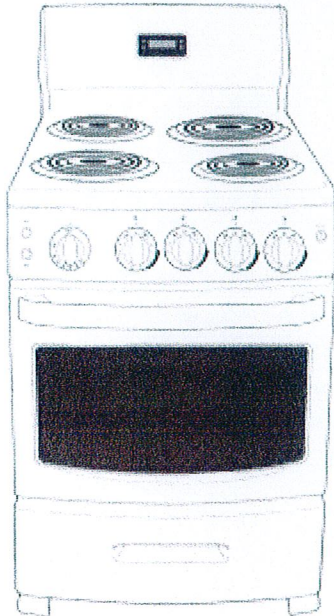
Reversible hinge for left or right hand opening



# Danby®

*Glass Top?*

## Electric Range ~ DER2099W



### Features

- Space saving 20" electric range
- Easy clean, spill-proof porcelain cooktop
- One 8" and three 6" coil elements
- 2.6 cu.ft. oven capacity
- Temperature range of 250 F - 550 F
- 2,000 Watt broiler
- Push and turn safety knobs
- Large backsplash with digital clock and timer
- Oven window
- Manual clean range
- Includes one oven rack with safety stops

### Specifications

#### DIMENSIONS

Product Width	50.8 cm	20 "
Product Depth	60 cm	23 5/8 "
Product Height	109 cm	42 15/16 "
Carton Width	54.6 cm	21 8/16 "
Carton Height	101 cm	39 3/4 "
Carton Depth	68.7 cm	27 1/16 "

#### WEIGHT

Shipping Weight	42 Kg	92.6 Lbs.
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### Warranty

#### WARRANTY INFORMATION

12 months parts and labour coverage with In-Home service. Installation and/or Yearly Maintenance (cleaning) are not covered under warranty.



# Danby®

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## Cooking

### Electric Range

DER2099W | 2.62 CU. FT.

Our ultra-compact electric ranges measure only 20 inches wide but offer 4 burners plus an oven. Taking up a minimum amount of space, this range is the perfect addition to trailers, cottages or accessory apartments.



Space saving 20" electric range

Easy clean, spill-proof porcelain cooktop

One 8" and three 6" coil elements

2.6 cu.ft. oven capacity

Temperature range of 250°F - 550°F

2,000 watt broiler

Push and turn safety knobs

Large backsplash with digital clock and timer

Oven window

Manual clean range

Includes one oven rack with safety stops

Requires a 220 volt outlet

#### Dimensions

Product Width 50.8cm/20"

Product Depth 60cm 23 10/16"

Product Height 109cm 42 15/16"



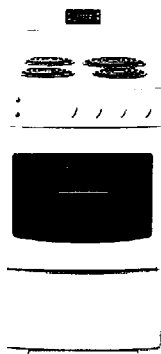
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## Cooking

### Electric Range

DER2099W | 2.62 CU. FT.

Our ultra-compact electric ranges measure only 20 inches wide but offer 4 burners plus an oven. Taking up a minimum amount of space, this range is the perfect addition to trailers, cottages or accessory apartments.



#### Dimensions

Product Width 50.8cm 20"

Product Depth 60cm 23 10/16"

Product Height 109cm 42 15/16"

#### Weight

Shipping Weight 42kg 92.6lbs

#### Capacity

By Volume 2.62 cu. ft.

#### Warranty Information

12 months parts and labour coverage with In-Home service. Installation and/or Yearly Maintenance (cleaning) are not covered under warranty.

#### Resources

[Product Manual \(259 KB\)](#)

[Download Product Specs](#)



Model#:

BROWSE BY CATEGORIES HOME ABOUT US CUSTOMER SERVICE DEALER LOCATOR SHOP FOR PARTS CONTACT US

- [BATH/VENTILATION FANS](#)
- [RANGE HOODS](#)
- [CEILING FANS](#)
- [CENTRAL VACUUM SYSTEMS](#)
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NuTone NEWS

**New Broan and NuTone ULTRA Ventilation Fans Feature ULTRA Sense Humidity- or Motion-sensing Technology**  
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**NuTone Fans Set New Revolutionary Standard for Fast Installation, Quiet Ventilation**  
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**NuTone LunAura Collection Offers First Ambient LED Soft-Glo Ventilation Fans**  
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**NuTone Ceiling Fans – Create a Cool, Soothing Breeze Both Indoors and Out**  
[Find out More](#)

NuTone® Storage Solutions

NuTone Premier (Expressions) Studio V Series



White



Oil-Rubbed Bronze



Satin Nickel

Studio V Series Model S568N

- Over 72 combinations to choose from.

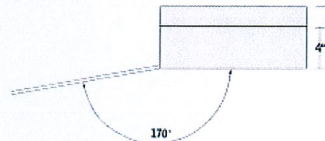
**Frame Styles:** Traditional or Contemporary

**Frame Finishes:** Oil-rubbed Bronze, Satin Nickel and White

**Depth:** 4" & 6"

**Height:** 25" & 35"

- Cabinets are available with stainless steel or white painted steel bodies
- Mirror Shape - Rectangle with Bevel
- Stainless steel or white painted steel cabinet finishes
- Three adjustable 1/4" thick glass shelves for superior light reflection (four shelves on 35" model")
- Snap-fit shelf supports lock glass shelves in place
- Interior mirrors on the back of the cabinet and the inside door add light and functionality
- Reversible mounting allows left- or right-hand opening
- 170 degree concealed, Euro-style soft-close hinges allow wide door opening and smooth operation



Studio V Series—in Traditional and Contemporary Frames. Now it's easy to add the perfect complement to today's rich, bath hardware and fixtures. New metal finish frames in traditional or contemporary profiles provide an alternative to matching woodwork or cabinetry.

With 72 size and style options there's a sure fit with any décor and storage need. Stainless steel or white painted cabinet bodies, glass shelves and 170° Euro-style, soft-close hinges withstand the rigors of everyday use. Light gathering mirrors on the inside door and cabinet back double the functionality when open. Studio V Series bath cabinets take style and sophistication in a fresh, new direction



NOTE: Specification Sheets and Installation Guides are provided in Adobe Acrobat (.pdf) format. [Click here](#) to download Adobe Acrobat for free.

## SECTION 12 35 30

## RESIDENTIAL CASEWORK

1 PART 1 GENERAL

## 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

## 1.2 SECTION INCLUDES

- A. Shop fabricated cabinet units and counter tops.

## 1.3 SUBMITTALS

- A. Shop Drawings: Indicate casework locations, scale plans, elevations, clearances required.
- B. Product Data: Provide data on component profiles, sizes, assembly methods, and schedule of finishes.
- C. Samples: Submit samples of plastic laminate for selection of color and finish.

## 1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with KCMA (Kitchen Cabinet Manufacturers Association) - Certification Program.

2 PART 2 PRODUCTS

## 2.1 CASEWORK

- A. Manufacturers: Products of one or more manufacturers are listed to establish quality, appearance and performance characteristics. Products of other manufacturers may be accepted subject to review by Architect.
- B. Manufacturers of Cabinets:
  - 1. Armstrong Cabinets.
  - 2. Crotone Cabinets.
  - 3. Kitchen Kompact Inc.
  - 4. Merrilat Industries Inc.
  - 5. Substitutions: Permitted, subject to compliance with requirements.
- C. Manufacturers of Plastic Laminate:
  - 1. Formica Corp.
  - 2. Nevamar.
  - 3. Pioneer Plastics.
  - 4. WilsonArt.

- D. Provide pricing for the following cabinet styles:
1. Armstrong "Branford" style, flat panel in frame design, Allwood construction, Oak with Honey finish; or equal.
  2. Armstrong "Travant" style, flat panel in frame design, Allwood construction, Maple, with Mocha finish, or equal.
  3. Armstrong "Hampton" style, raised panel design, Allwood construction, Oak, with Chestnut or Wheat finish, or equal.

## 2.2 CONSTRUCTION

- A. Face Frame: Solid  $\frac{3}{4}$ " hardwood.
- B. End Panels:  $\frac{1}{2}$ " multiply hardwood plywood.
- C. Back Panels:  $\frac{1}{8}$ " hardwood plywood.
- D. Top and Bottom Panels:  $\frac{1}{2}$ " multiply hardwood plywood.
- E. Hanging Rails:  $\frac{3}{4}$ " multiply hardwood plywood.
- F. Doors: Solid hardwood stiles and rails with w  $\frac{1}{4}$ " flat panel or raised panel.
- G. Drawer Fronts: Solid  $\frac{3}{4}$ " hardwood.
- H. Drawers:  $\frac{1}{2}$ " solid wood box construction with  $\frac{1}{4}$ " multiply hardwood plywood bottom.
- I. Shelves:  $\frac{5}{8}$ " multiply hardwood plywood.

## 2.3 HARDWARE

- A. Drawer and Door Pulls: Polished brass finish wire handles on 4 inch centers.
- B. Hinges: Concealed, self-closing.
- C. Drawer Glides: Side mounted, self-closing, 100 lb. capacity.

## 2.4 FACTORY FINISHING

- A. Exposed To View Surfaces: Stain, seal and varnish.
- B. Interior Surfaces: Clear coat sealer finish.

## 2.5 COUNTERTOPS

- A. Surface: High pressure plastic laminate, grade PF42.
- B. Configuration: Square wrapped front edge, integral cove, and square backsplash.
- C. Substrate: Particleboard.

## 3 PART 3 EXECUTION

### 3.1 EXAMINATION AND PREPARATION

- A. Verify adequacy of backing and location of mechanical and electrical outlets.
- B. Provide supplementary support framing.

### 3.2 INSTALLATION

- A. Set and secure casework in place rigid, plumb, and level.
- B. Provide cutouts for plumbing fixtures, appliances, and other fixtures and fittings.
- C. Use fixture attachments at concealed locations for wall mounted components.
- D. Use concealed joint fasteners to align and secure adjoining cabinet units and countertops.
- E. Carefully scribe casework which is against other building materials, leaving gaps of 1/32 inch maximum. Use filler strips, not additional overlay trim for this purpose.
- F. Secure cabinet and counter bases to floor using appropriate anchorage.
- G. Adjust moving or operating parts to function smoothly and correctly.

...END OF SECTION 12 35 30