

August 27, 2008



Mr. Robert Edelman  
Winchester North Beach Management Corporation  
7722 North Kings Highway  
Myrtle Beach, South Carolina 29572

J. Thomas Pegram AIA  
Dennis H. Springs AIA  
David S. Glymph AIA  
David C. Deitz AIA  
Joseph M. Bace AIA  
James M. Hubbard AIA

Re: North Beach Plantation  
Condominium Unit Washers and Dryers

Dear Mr. Edelman:

As requested, please review the following written information in conjunction with the attached cut sheets from General Electric which shall define the necessary components for washer and dryer selections by your homeowners.

Given that this is a large commercial high-rise building, it is necessary to define the sizes, rough-in locations for utilities and ventilation, and manner in which washers and dryers are installed, for construction purposes.

The building related requirements of the washers and dryers are outlined as follows and detailed below:

1. Minimum ventilation capacity of the dryer exhaust;
2. Maximum size of the appliance;
3. Utility rough-in requirement.

Ventilation Capacity - The code requires the building official to verify the venting capacity of the appliance being used as part of the rough-in inspection as well as for a final CO (reference correspondence with the city of North Myrtle Beach attached) such that we as the architects, our engineers, and the city building inspectors are satisfied that the dryer being used has sufficient capacity to ventilate lint from the building.

Maximum size of appliances – There are obvious space limitations which must be followed in order to assure that the appliance selected will fit the location specified. Units A, B, and C have utility rooms such that size of the appliance is less of an issue than the other unit types; but care should be taken in selecting the appliance size to fit the available space nonetheless.

Page Two

Utility rough-in location and capacity – Each appliance has power and/or water and waste connections which are installed within the walls to best suite the selected appliances. Particular care should be taken in the selection of the unitized washer/dryer so that the number of power outlets and manner in which the dryer vent is attached to the appliance is considered. Some manufactures of these types of units are not condominium friendly as regards the quantity of electrical outlets required and the space required behind the appliance (GE has created a recessed area behind the appliance for maximum space utilization).

The following is a breakdown of appliances which can be used that meet all of the variables above. Most importantly the condominium owner should supply the cut sheets according to the condominium type below to whoever is assisting them with the purchase of the appliance. If the owner is not purchasing the GE appliances listed below it is essential that special care be taken in the purchase of the appliance which will correctly fit and connect per these rough-in plans.

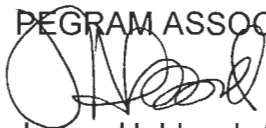
All units, except for Condo Unit F, use GE DSXH47EG dryer and companion GE WSSH300G washer which shall be stacked at Condo Units D and E. At Condo Unit F, use GE unitized Washer/Dryer WSM2420/80D.

Please note that it is common for manufacturers to change their model numbering while keeping the intrinsic features of the device intact. It may be necessary to contact GE to verify the new model number, if changed, for current information.

I trust that this information will help aid your buyers moving into this wonderful project of which we are of course honored to be a part.

Sincerely,

PEGRAM ASSOCIATES, INC.



James Hubbard, AIA

Cc: Delane Stephens, City of Myrtle Beach  
Don Lloyd, Dargan Construction

## James Hubbard

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**From:** James Hubbard [jhubbard@pegramassociates.com]  
**Sent:** Wednesday, August 01, 2007 1:42 PM  
**To:** 'dlloyd@darganconstruction.com'; 'osmith@darganconstruction.com'  
**Cc:** 'destevens@n-myrtle-beach.sc.us'; 'redelman'; 'Liz Daniel'  
**Subject:** NBP - Condo unit dryers

Don,

I have spoken with Mr. Stevens at the city regarding the dryer issue which the inspector raised in the field.

He agreed that he will accept a copy of the cut sheet of the dryer that you are using to rough in (which will also be placed in each unit owner's appliance binder) will be acceptable in lieu of the actual dryer being on site for CO. Additionally a copy of the letter from the developer to the Condo buyers dictating that the dryer specified by the architect or equal in terms of venting capacity (cut sheet will be attached) will be submitted to the city for their files.

If you have any questions, please don't hesitate to ask.

James M Hubbard, AIA Principal  
**Pegram Associates, Inc.**  
P.O. Drawer 7448, Live Oak Station  
Myrtle Beach, SC 29572  
843.449.5202 ph.  
843.497.2635 fa.  
[jhubbard@pegramassociates.com](mailto:jhubbard@pegramassociates.com)

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.11.0/929 - Release Date: 7/31/2007 5:26 PM

# DSXH47EG

## GE® 5.8 Cu. Ft. Extra-Large Capacity Frontload Electric Dryer

### Dimensions and Installation Information (in inches)

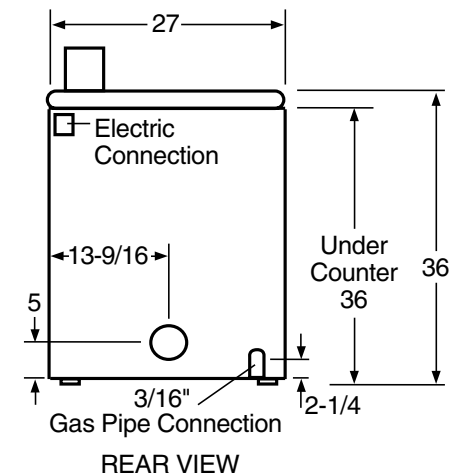
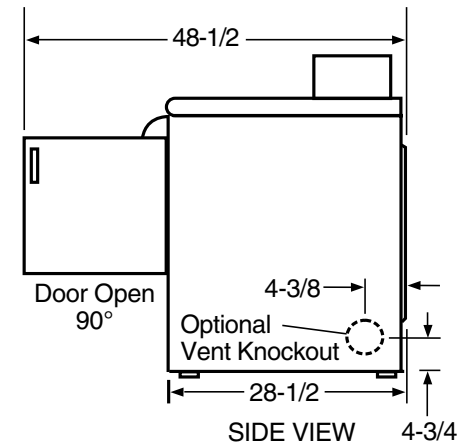
Electric Dryer Rating	
240V	5600W, 24A, 60Hz
208V	4400W, 22A, 60Hz

**Exhaust Options:** 4-way via rear, right, left and bottom.

**Circuit Requirements:** An individual, properly grounded branch circuit, protected by a 30-amp circuit breaker or a time-delay fuse, is required.

**Note:** Dryer wall outlet must be located within 36" of service cord entry and accessible when dryer is mounted in position.

**Installation Information:** For complete information, see installation instructions packed with your dryer.



For answers to your Monogram®, GE Profile™ or GE® appliance questions, visit our website at [ge.com](http://ge.com) or call GE Answer Center® service, 800.626.2000.



# DSXH47EG

## GE® 5.8 Cu. Ft. Extra-Large Capacity Frontload Electric Dryer

### Special Installation Requirements:

#### Stacked Installation:

- Brackets for stacking dryer are included as part of the dryer, DSXH43EF/GF. See dryer Use & Care for details.
- Bracket for stacking dryer, DSXH47EG/GG, order Pub. No. 14-A026 or STACKIT1WW at additional cost.

#### Undercounter installation:

- The WSSH300G and DSXH47EG/GG require a custom-sized countertop (36 inches to the underside of the countertop). No special washer or dryer top is required.

#### Alcove or Closet Installation:

- If your dryer is approved for installation in an alcove or closet, it will be stated on a label on the dryer back.
- The dryer MUST be exhausted to the outside.
- Minimum clearances between dryer cabinet and adjacent walls or other surfaces are: 0" either side, 3" front and rear
- Minimum vertical space from floor to overhead cabinets, ceilings, etc. is 52".
- Closet doors must be louvered or otherwise ventilated and must contain a minimum of 60 sq. in. of open area equally distributed. If this closet contains both a washer and a dryer, doors must contain a minimum of 120 sq. in. of open area equally distributed.
- No other fuel-burning appliance shall be installed in the same closet with a gas dryer.

#### Bathroom or Bedroom Installation:

- The dryer MUST be exhausted to the outdoors.
- The installation must conform with the local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.

#### Minimum Clearance other than Alcove or Closet Installations:

- Minimum clearances to combustible surfaces 0" both sides, 3" rear.

**For more information on venting kits and accessories, please call 1-800-GE-CARES.**

For answers to your Monogram®, GE Profile™ or GE® appliance questions, visit our website at [ge.com](http://ge.com) or call GE Answer Center® service, 800.626.2000.



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# DSXH47EG

## GE® 5.8 Cu. Ft. Extra-Large Capacity Frontload Electric Dryer

### Dryer Exhausting Information – Metal Duct Only

For complete information, see installation instructions packed with your dryer.

**Ducting Materials:** For best performance, this dryer should be vented with 4" diameter all rigid metal exhaust duct. If "all rigid metal" duct cannot be used, then "flexible all metal" venting can be used, but it will reduce the maximum recommended duct length.

#### Exhaust Length Calculation:

- Determine the number of 90° turns needed for your installation. If you exhaust to the side or bottom of dryer, add one turn.
- The maximum length of 4" rigid (aluminum or galvanized) duct which can be tolerated is shown in the table. The maximum length for flexible ducts are less than for rigid duct.  
A turn of 45° or less may be ignored. Two 45° turns within the duct length should be treated as a 90° elbow.  
A turn over 45° should be treated as a 90° elbow.

**Exhausting the dryer to the outside is strongly recommended** to prevent large amounts of moisture and lint from being blown into the room. Gas dryers or any dryer located in a closet **must** be exhausted to the outside.

**Caution:** For personal safety do not terminate exhaust into a chimney, under any enclosed house floor (crawl space), or into an attic, since the accumulated lint could create a fire hazard or moisture could cause damage. Never terminate the exhaust into a common duct or plenum with a kitchen exhaust, since the combination of lint and grease could create a fire hazard.

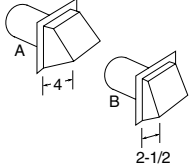
Exhaust ducts should be terminated in a dampered wall cap to prevent back drafts, bird nesting, etc. The wall cap must also be located at least 12" above the ground or any other obstruction with the opening pointed Down.

Other terminations, such as louvered wall boxes, are acceptable provided they are equivalent to a 4" opening dampered wall cap.

**For more information on venting kits and accessories, please call 1-800-GE-CARES.**



### Dryer exhausting information—use metal duct only



		Best performance	
		Maximum length of 4" dia. <b>rigid metal</b> duct	
		Exhaust hood type	
		A	B
		4" opening	2-1/2" opening
Frontload dryers	Number of 90° turns		
	0	60 ft.	48 ft.
	1	52 ft.	40 ft.
	2	44 ft.	32 ft.
	3	32 ft.	24 ft.
4	28 ft.	16 ft.	
		Maximum length of 4" dia. <b>flexible metal</b> duct	
		Exhaust hood type	
		A	B
		4" opening	2-1/2" opening
Frontload dryers	Number of 90° turns		
	0	30 ft.	18 ft.
	1	22 ft.	14 ft.
2	14 ft.	10 ft.	

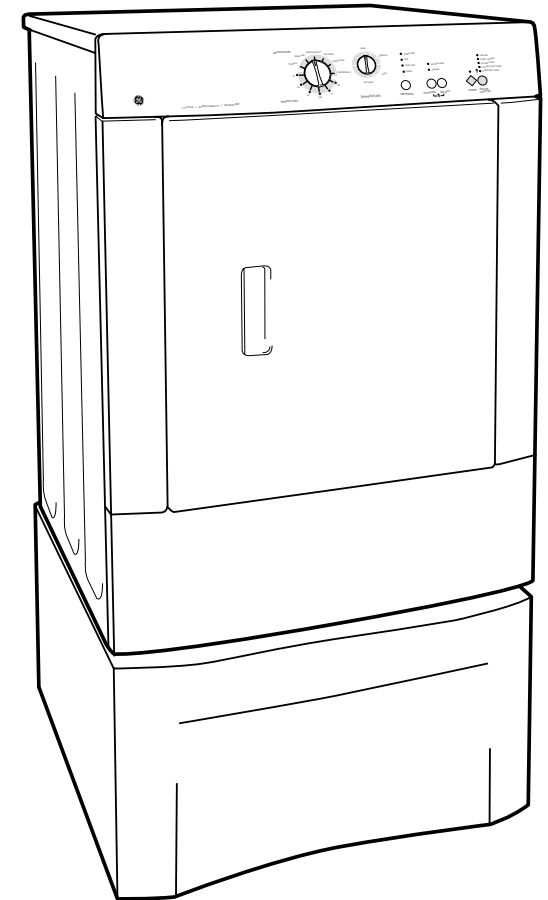


# DSXH47EG

## GE® 5.8 Cu. Ft. Extra-Large Capacity Frontload Electric Dryer

### Features and Benefits

- 5.8 Cu. Ft. Extra-Large Capacity - Handles any large-size items and family-size loads
- Rotary Electronic Controls with Cycle Status Lights - Make it easy to select and monitor wash cycles
- Painted Drum - Painted drum coated with a rustproof finish to stand up to heavy use
- Four Temperature Options - Provides the right temperature for the right drying results
- On/Off End-Of-Cycle Signal - Can be turned on so you can hear it from another room, or turned off when you do not want to disturb others
- Four Auto Dry Cycles - A variety of fast and flexible options for drying clothes
- Sensor Dry™ - Continually monitors moisture levels to help clothes look better longer
- Interior Dryer Light - Lets you see everything inside for easy loading and unloading
- Reverse-A-Door - Offers added installation flexibility
- Model DSXH47EGWW - White on white



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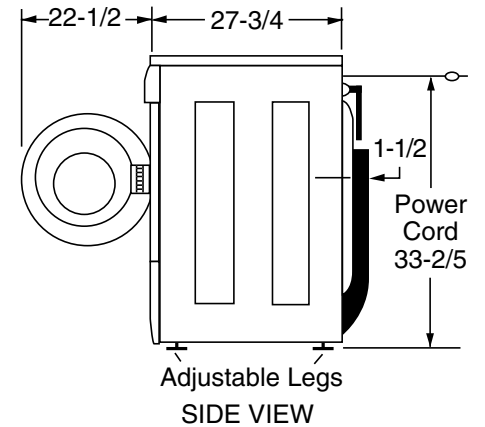
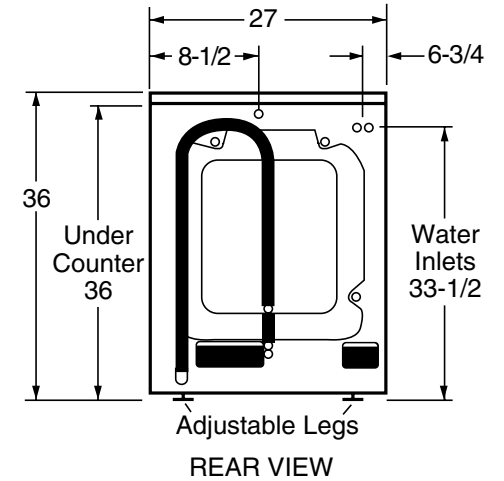
# WSSH300G

## GE® ENERGYSTAR® 3.5 Cu. Ft. King-Size Capacity Frontload Washer with Stainless Steel Basket

### Dimensions and Installation Information (in inches)

Electric Dryer Rating	
120V	12.0A, 60Hz

**Installation Information:** For complete information, see installation instructions packed with your washer.



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# WSSH300G

## GE® ENERGYSTAR® 3.5 Cu. Ft. King-Size Capacity Frontload Washer with Stainless Steel Basket

### Special Installation Requirements:

#### Stacked Installation:

- Brackets for stacking dryer are included as part of the dryer, DSXH43EF/GF. See dryer Use & Care for details.
- Bracket for stacking dryer, DSXH47EG/GG, order Pub. No. 14-A026 or STACKIT1WW at additional cost.

#### Undercounter installation:

- The WSSH300G and DSXH47EG/GG require a custom-sized countertop (36 inches to the underside of the countertop). No special washer or dryer top is required.

#### Alcove or Closet Installation:

- If your dryer is approved for installation in an alcove or closet, it will be stated on a label on the dryer back.
- The dryer MUST be exhausted to the outside.
- Minimum clearances between dryer cabinet and adjacent walls or other surfaces are: 0" either side, 3" front and rear
- Minimum vertical space from floor to overhead cabinets, ceilings, etc. is 52".
- Closet doors must be louvered or otherwise ventilated and must contain a minimum of 60 sq. in. of open area equally distributed. If this closet contains both a washer and a dryer, doors must contain a minimum of 120 sq. in. of open area equally distributed.
- No other fuel-burning appliance shall be installed in the same closet with a gas dryer.

#### Bathroom or Bedroom Installation:

- The dryer MUST be exhausted to the outdoors.
- The installation must conform with the local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.

#### Minimum Clearance other than Alcove or Closet Installations:

- Minimum clearances to combustible surfaces 0" both sides, 3" rear.

**For more information on venting kits and accessories, please call 1-800-GE-CARES.**

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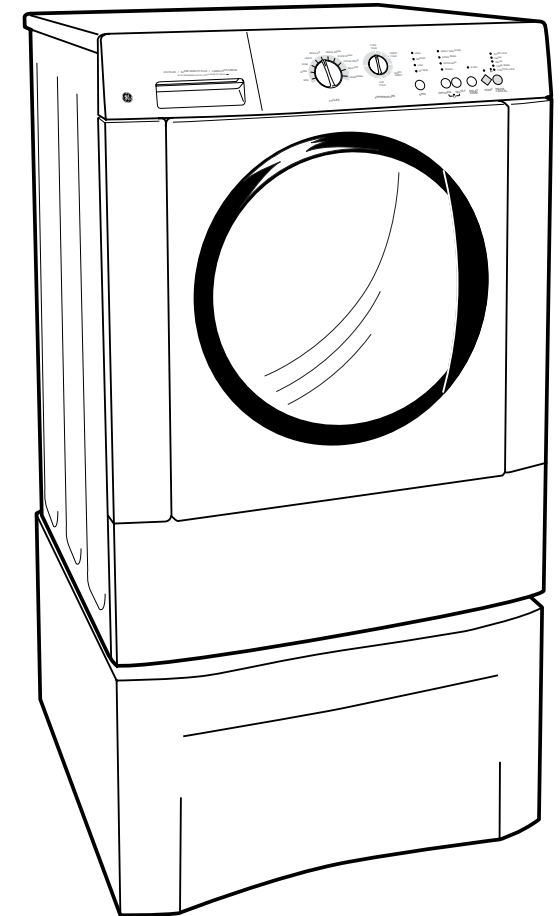
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# WSSH300G

## GE® ENERGYSTAR® 3.5 Cu. Ft. King-Size Capacity Frontload Washer with Stainless Steel Basket

### Features and Benefits

- ENERGY STAR® Qualification - Means less energy waste and lower utility bills
- King-size, 3.5-cu.-ft. - Stainless steel basket makes room for more items, which means less time doing laundry
- Timed Dispensers - Automatically releases cleaning solution at just the right time, eliminating guesswork
- 950-RPM Spin Speed - Removes more water during the spin cycle to minimize the drying time
- 10 Wash Cycles - A setting for almost every load, from heavy cottons to delicate synthetics
- Automatic Water Levels - Assure that no water is wasted
- End-Of-Cycle Signal - Alerts you when the cycle is done, saving time between loads
- 2nd Rinse Option - Helps protect delicate fabrics and sensitive skin
- Standard Noise Package - Minimizes the operating noise
- Model WSSH300GWW - White on white

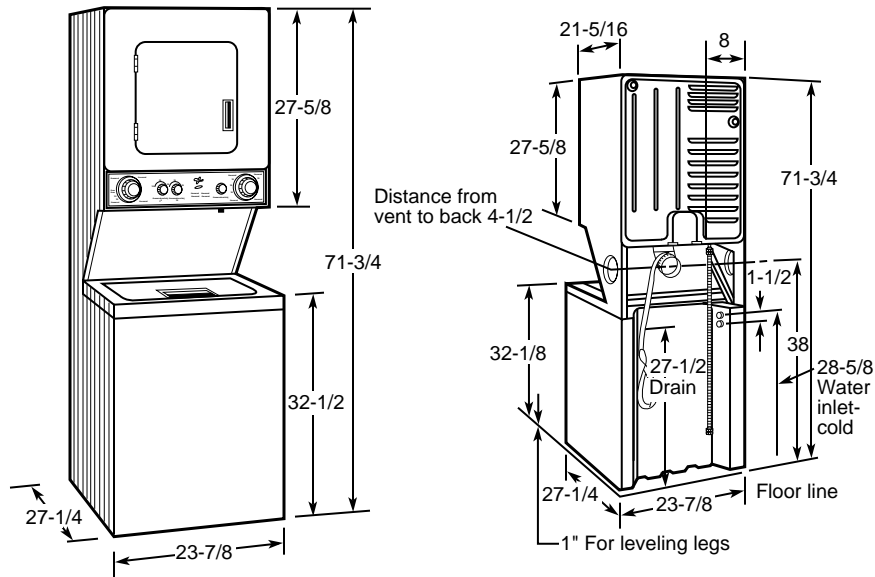




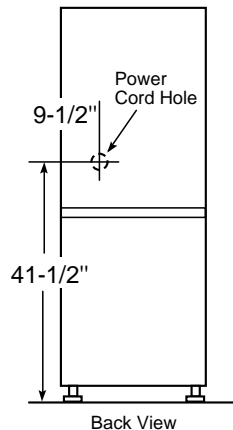
GE Appliances

## WSM2420/80D – GE® 24" Unitized Spacemaker® Washer/Dryer

### Dimensions (in inches)



### Power Cord Location



Specification Created 6/03

### Electrical Requirements:

#### WSM2420D:

**Electric Dryer** – This appliance should be connected to an individual, properly grounded branch circuit with 120/240V single-phase 60Hz electrical service and should be protected by 30-amp time-delay fuses or circuit breakers. This appliance is manufactured with the neutral connected to the frame. Power cord should be purchased separately.

**Note:** These appliances are not approved for 120-volt operation.

#### WSM2480D:

**Gas Dryer** – This appliance should be connected to an individual, properly grounded branch circuit with a three-prong grounding-type receptacle and 120-volt single-phase 60 Hz electrical service and should be protected by 15- or 20-amp time-delay fuses or circuit breakers. This appliance is equipped with a 6-foot long flexible U.L. listed 20-amp power cord to match a 15-amp receptacle.

**Gas Rated** input 10,500 BTU/HR. Factory equipped for natural gas. Tested for LP gas.

### Exhaust Information:

Exhausting the dryer to the outside is strongly recommended to prevent large amounts of moisture and lint from being blown into the room. Closet installations **must** be exhausted to the outside.

### Installation Information:

For complete information, see installation instructions packed with the product.



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## GE Appliances

# WSM2420/80D – GE® 24" Unitized Spacemaker® Washer/Dryer

	Number of 90° Turns	Best Performance			
		Maximum Length of 4" Dia. Rigid Metal Duct Exhaust Hood Type		Maximum Length of 4" Dia. Flexible Metal Duct Exhaust Hood Type	
		A 4" Opening	B 2-1/2" Opening	A 4" Opening	B 2-1/2" Opening
Domestic Dryer Models	0	60 ft.	48 ft.	30 ft.	18 ft.
	1	52 ft.	40 ft.	22 ft.	14 ft.
	2	44 ft.	32 ft.	14 ft.	10 ft.
5.7 Capacity Electric and Gas Dryers	3	32 ft.	24 ft.	—	—
	4	28 ft.	16 ft.	—	—
Spacemaker® Models	0	46 ft.	37 ft.	30 ft.	24 ft.
DSKS433EB	1	38 ft.	30 ft.	25 ft.	20 ft.
DSKS333EC	2	31 ft.	22 ft.	20 ft.	14 ft.
DSKP333EC	3	24 ft.	15 ft.	16 ft.	10 ft.
WSM2780D	0	56 ft.	42 ft.	30 ft.	22 ft.
	1	46 ft.	36 ft.	22 ft.	14 ft.
Spacemaker Model	2	34 ft.	28 ft.	16 ft.	10 ft.
WSM2700D	3	32 ft.	18 ft.	10 ft.	5 ft.
Spacemaker Models	0	43 ft.	36 ft.	30 ft.	24 ft.
WSM2420D	1	33 ft.	26 ft.	24 ft.	18 ft.
WSM2480D	2	23 ft.	16 ft.	16 ft.	10 ft.

For complete information, see installation instructions packed with your dryer.

### Ducting Materials:

For best performance, this dryer should be vented with 4" diameter all rigid metal exhaust duct. If "all rigid metal" duct cannot be used, then "flexible all metal" venting can be used, but it will reduce the maximum recommended duct length.

### Exhaust Length Calculation:

- Determine the number of 90° turns needed for your installation. If you exhaust to the side or bottom of dryer, add one turn.
- The maximum length of 4" rigid (aluminum or galvanized) duct which can be tolerated is shown in the table. The maximum length for flexible ducts are less than for rigid duct.

A turn of 45° or less may be ignored. Two 45° turns within the duct length should be treated as a 90° elbow. A turn over 45° should be treated as a 90° elbow.

**Exhausting the dryer to the outside is strongly recommended** to prevent large amounts of moisture and lint from being blown into the room. Gas dryers or any dryer located in a closet **must** be exhausted to the outside.

**Caution:** For personal safety do not terminate exhaust into a chimney, under any enclosed house floor (crawl space), or into an attic, since the accumulated lint could create a fire hazard or moisture could cause damage. Never terminate the exhaust into a common duct or plenum with a kitchen exhaust, since the combination of lint and grease could create a fire hazard.

Exhaust ducts should be terminated in a dampered wall cap to prevent back drafts, bird nesting, etc. The wall cap must also be located at least 12" above the ground or any other obstruction with the opening pointed down. Other terminations, such as louvered wall boxes, are acceptable provided they are equivalent to a 4" opening dampered wall cap.

### Special Installation Requirements

#### Alcove or Closet Installation:

- If your dryer is approved for installation in an alcove or closet, it will be stated on a label on the dryer back.
- The dryer **MUST** be exhausted to the outside.
- Minimum clearances between dryer cabinet and adjacent walls or other surfaces are:
  - 0" either side
  - 3" front and rear
- Minimum vertical space from floor to overhead cabinets, ceilings, etc. is 52".
- Closet doors must be louvered or otherwise ventilated and must contain a minimum of 60 sq. in. of open area equally distributed. If this closet contains both a washer and a dryer, doors must contain a minimum of 120 sq. in. of open area equally distributed.
- No other fuel-burning appliance shall be installed in the same closet with a gas dryer.

#### Bathroom or Bedroom Installation:

- The dryer **MUST** be exhausted to the outdoors.
- The installation must conform with the local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.

#### Minimum Clearances other than Alcove or Closet Installation:

- Minimum clearances to combustible surfaces
  - 0" both sides
  - 3" rear



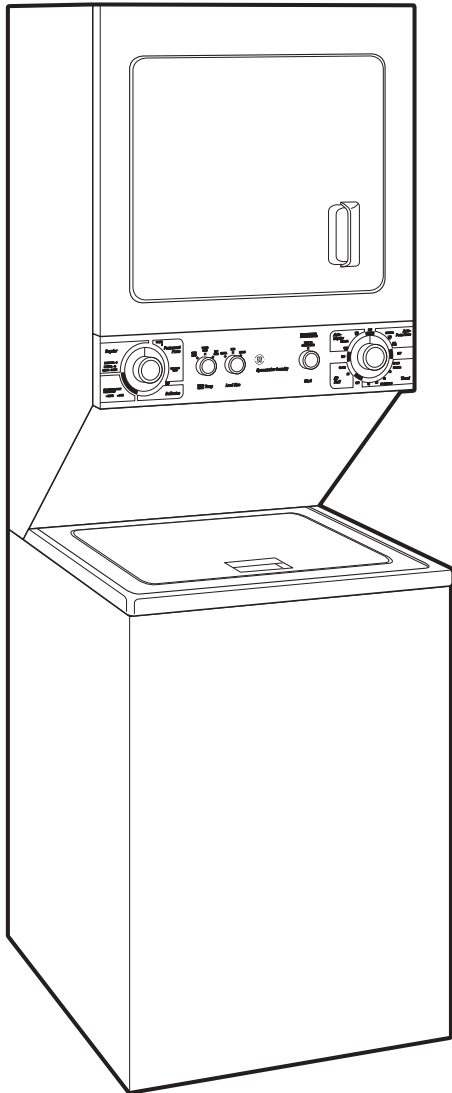
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**GE Appliances**

## **WSM2420/80D – GE® 24" Unitized Spacemaker® Washer/Dryer**



### **Features and Benefits**

- Two Wash/Spin speeds – Matches wash action to fabric type for better cleaning and clothes care.
- Three Wash Cycles – A cycle for almost every fabric, from permanent press to delicates.
- Three Wash/Rinse Temperatures – Allow you to select the right temperature for better wash results and long fabric life.
- Three Water Levels – Minimize water waste, allowing you to select water level based on load size.
- Electromechanical Controls – Selector knob turns smoothly in either direction, simplifying cycle selection.
- Model WSM2420DWW – White on white (Electric)
- Model WSM2420DCC – Bisque on bisque (Electric)
- Model WSM2480DWW – White on white (Gas)