

# INSTALLATION INSTRUCTIONS (USA only) FOR YOUR NEW DRYER

## NOTE TO INSTALLER

Be sure to leave these installation instructions with the Consumer.

## NOTE TO CONSUMER

Keep these installation instructions with your Use and Care Book for future reference.

**Before you begin...Read these instructions completely and carefully**

**IMPORTANT: OBSERVE ALL GOVERNING CODES AND ORDINANCES**




**UNPLUG DRYER CORDSET BEFORE MAKING ANY ADJUSTMENTS**

**MODELS DSKS433 AND DSKS333 MUST BE INSTALLED WITH CONTROL PANEL AT BOTTOM IN ORDER TO OPERATE ADEQUATELY.**

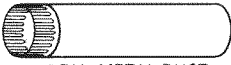


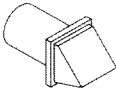

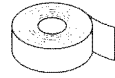



### STACKING KITS FOR DRYERS (comes with individual installation instructions)

- Over washer
  - Use Wall Mount Kit WMK-35 or
  - Stack Rack DSDR24 or
  - Stack Rack DSR-24
- For alcove and closet depth and width requirements see specific kit instructions
- All stacking kits are available from your local sales outlet.

### TOOLS YOU WILL NEED

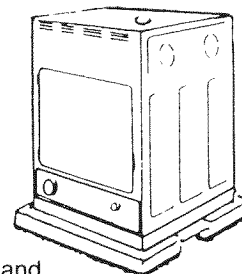
- Slip joint pliers 
- Flat blade screwdrivers 
- Philips screwdrivers 

### MATERIALS YOU WILL NEED

-  4" DIA. METAL DUCT (RECOMMENDED)
  -  4" DUCT CLAMPS (2) OR 4" SPRING CLAMPS (2)
  -  4" DIA. METAL ELBOW
  -  EXHAUST HOOD
  -  SAFETY GLASSES
  -  DUCT TAPE
  -  GLOVES
  -  3/4" STRAIN RELIEF (UL RECOGNIZED)
  -  DRYER POWER CORD KIT (NOT PROVIDED WITH DRYER. FOR 240V MODEL ONLY).
- UL RATED 120/240V, 30A WITH 3 OR 4 PRONGS. IDENTIFY THE PLUG TYPE AS PER THE HOUSE RECEPTACLE BEFORE PURCHASING LINE CORD.

### UNPACKING AND PREPARING FOR INSTALLATION

- Prepare the area and exhaust for installation of new dryer.
- Check and ensure the existing external exhaust is clean and meets attached installation specifications.
- Remove the literature and accessories bag from the dryer drum. Place the literature in a convenient place.
- Using foam pads from dryer carton, turn dryer upside down as shown.
- Install knobs, For location, refer to "Use and Care" Book.
- Dryer is now ready to be mounted above washer using accessory kit.
- Remove the foam shipping pads from under dryer.
- Move the dryer to the desired location.
- Follow the steps in the following pages to connect the dryer to the external exhaust and power supply.



### DETERMINE ELECTRICAL REQUIREMENTS FOR YOUR DRYER MODEL

- This dryer must be connected to an individual branch circuit of proper voltage and frequency as specified on Rating Plate (located inside dryer door) with no other appliances or fixtures attached.
- EXCEPTION:
  - A 120V receptacle is located on the back on the dryer and is available only for use with a washer that is affixed to the dryer with a WDF-85 kit. It may not be used for any other appliance or any conditions other than stated above, (208 & 240V models only).
  - Branch circuit must be protected by the required time-delay fuses or circuit breakers. 208V or 240V installation - 30 amps. 120V installation 15 or 20 amps.
  - The electrical installation must conform to the national and local codes.

**208V AND 240V MODELS ARE NOT APPROVED FOR 120 V INSTALLATION.**

# ELECTRICAL CONNECTION DETAILS

## OBSERVE ALL GOVERNING CODES AND ORDINANCES

### GROUNDING INSTRUCTIONS

- The operating voltage (Volts), Amperage (Amps) and Frequency (Hz) of this dryer are indicated on the Rating Plate located to the right of the loading port.
- Connect this dryer to a circuit corresponding to that indicated on rating plate and protected by fuses or a circuit breaker in accordance with local codes.
- Use a power supply cord kit marked for use with clothes dryer.
- For 208V and 240V models, use a power supply cord kit marked for use with clothes dryers.

#### DO NOT USE EXTENSION CORD WITH THIS APPLIANCE

For alternate 208V or 240V power supply hook-up, proceed as follows:

- Remove rear access panel.
- Connect supply wire leads to terminal block as shown on sketched below, depending on type of installation.

**WARNING:** Appliance grounded to neutral conductor through a link. If used in a mobile home or if local codes do not permit grounding through neutral, a 4-conductor cord or cable assembly for use with clothes dryers must be used with the following specifications: Type St. Cable, 125/250 Min Volt, 30 Amp with closed-loop terminals and secured with a UL recognized strain relief. See manufacturer's instructions

- Make sure screws on terminal block are tight.

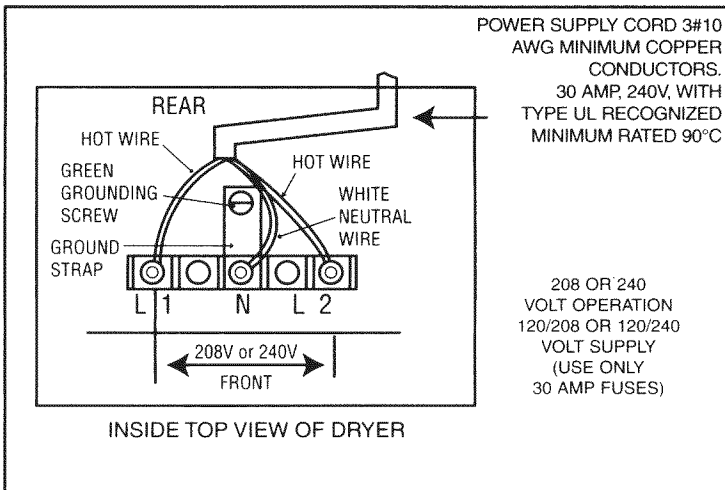
This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electrical current.

**WARNING:** Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded.

Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

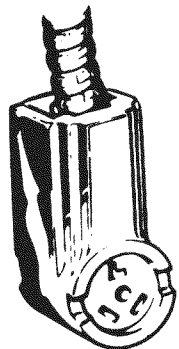
### FOR THREE-WIRE SUPPLY (208V & 240V MODELS)

- Connect two (2) HOT lines to outer screws (L1 and L2) of terminal block.
- Connect Neutral line to centre screw (N) of terminal block.



**FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDING.**

- Properly strain relief the cord set or cable to the cable entry hole with UL recognized strain relief.
- Make sure cordset or the cable is away from the rotating drum.
- Replace access panel.

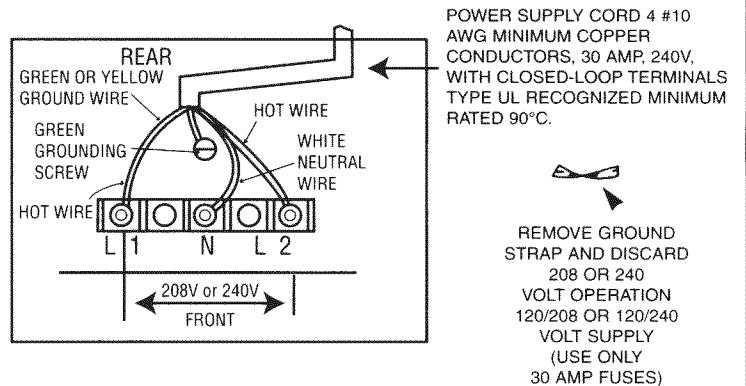


### 3 WIRE RECEPTACLE (10-30R)

Typical 30 amp receptacle for use where local codes permit use of flexible type power supply cord (pigtail).

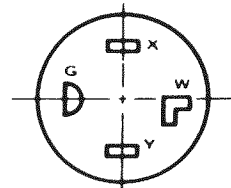
### FOR FOUR-WIRE SUPPLY (208V & 240V MODELS)

- Remove ground strap and discard. Rescrew green grounding screw in place.
- Connect two (2) HOT lines to outer screws (L1 and L2) of terminal block.
- Connect NEUTRAL line to centre screw (N) of terminal block.
- Attach ground wire of power supply to green grounding screw beside terminal block.



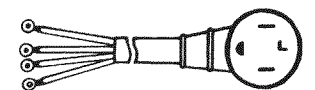
**FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDING.**

- Properly strain relief the cord set or cable to the cable entry hole with UL recognized strain relief.
- Make sure cordset or the cable is away from the rotating drum.
- Replace access panel.



### 4-WIRE RECEPTACLE (14-30R)

Typical 30 amp receptacle for use where local codes permit use of flexible type power supply cord (pigtail).



### 4-CONDUCTOR CORD ASSEMBLY (Type ST Cable)

Typical 30 amp cord assembly for use where local codes do not permit grounding through neutral.

# EXHAUSTING DETAILS...SEE PAGE 4 FOR DO'S AND DON'TS

## EXHAUSTING THE DRYER TO THE OUTSIDE IS STRONGLY RECOMMENDED TO PREVENT LARGE AMOUNTS OF MOISTURE AND LINT FROM BEING BLOWN INTO THE ROOM.

### CAUTION: FOR PERSONAL SAFETY

- Do not terminate exhaust in a chimney, any gas vent, under an enclosed house floor (crawl space) or into an attic, since accumulated lint could create a fire hazard or moisture moisture could cause damage.

- At least once a year inspect and clean ductwork.
- Never terminate exhaust into a common duct or plenum with a kitchen exhaust since the combination of lint and grease could create a fire hazard.
- Use only 4" metallic duct.

### YOUR DRYER COMES READY FOR TOP EXHAUSTING. TO CHANGE FROM TOP TO SIDE OR REAR EXHAUST:

- Remove the rear access panel.
- Disconnect the plate & 90° elbow assembly by removing the mounting screws from the chassis & the tape securing the elbow to the blower housing.
- Remove the cover plate from the rear access panel and mount it to the dryer chassis to cover the top exhaust hole.

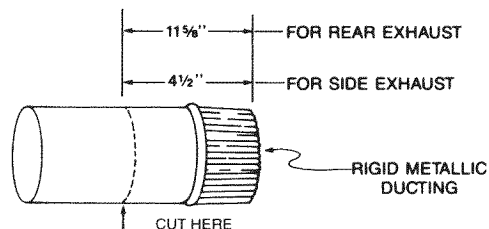
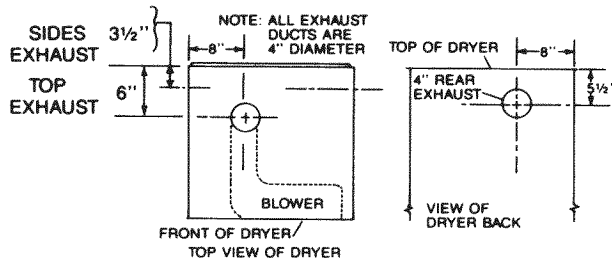
### FOR SIDE EXHAUST:

- Remove the retaining plate attached to the 90° elbow.
- Remove the desired knockout plate (either right or left side).
- Cut a 4 1/2" length of 4" diameter rigid duct as shown (remove burrs from cut edge).
- Attach this extension duct to blower housing duct.
- Attach the 90° elbow to face desired opening.
- Attach a section of 4" diameter rigid duct to elbow to protrude thru side of cabinet.
- Seal all joints with duct tape.
- Reinstall the rear access panel.

### FOR REAR EXHAUST:

- Cut a 11 5/8" length of 4" diameter rigid duct as shown (remove burrs from cut edge).
- Attach this extension duct to blower housing.
- Seal joint with duct tape.
- Reinstall the rear access panel.

**NOTE: Non-metallic duct or ANY flexible duct must never be used inside the dryer cabinet.**



## EXHAUST LENGTH CALCULATION

### RIGID (Preferred)

Parts are available from your local service organization:

WX8X63	4" x 1' Duct
WX8X64	4" x 2' Duct
WX8X51	4" Elbow
WX8X59	4" Aluminum hood

Number of 90° Turns	Cat. No. WX8X59 (Preferred)	4" DIA. OPENING	2-1/2" OPENING
0	46 feet	37 feet	
1	38 feet	30 feet	
2	31 feet	22 feet	
3	24 feet	15 feet	

Maximum allowable length of 4" diameter rigid duct, providing exhaust system meets the conditions stated in the block below.

### FLEXIBLE

USE METALLIC FLEXIBLE DUCT ONLY. The following kit or parts are available from you local service organization. Duct need no be cut. Kit WX8X66 -7" aluminum duct and 4" hood, short tail **OR** individual parts.

and

WX8X65	7" Aluminum
WX8X58	4" Clamps (2)
WX8X59	4" Aluminum hood

Number of 90° Turns	Cat. No. WX8X59 (Preferred)	4" DIA. OPENING	2-1/2" OPENING
0	30 feet	24 feet	
1	25 feet	20 feet	
2	20 feet	14 feet	
3	16 feet	10 feet	

Maximum allowable length of 4" diameter metallic flexible duct, providing exhaust system meets the conditions stated in the block below.

## 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 installation must conform to the following specifications:

- **WARNING: TO PREVENT LARGE AMOUNTS OF LINT AND MOISTURE FROM ACCUMULATING AND TO MAINTAIN DRYER EFFICIENCY, THIS MACHINE MUST BE EXHAUSTED OUTDOORS.**

See pages 3&4 for exhausting details.

- Minimum clearances between dryer cabinet and adjacent walls or other surfaces are:

	Alcove	Closet
Sides	0"	1"
Top	1"	1"
Front	-	3"
Rear	3"	3"

- Closet doors must be louvered or otherwise ventilated and must contain at least 60 square inches of area equally distributed. If this closet contains both a washer and a dryer, doors must contain at least 120 square inches of open area equally distributed.

**NOTE: The clearances stated above are minimums. Consideration must be given to the type accessory kit used with dryer. Refer to the specific kit instruction for details.**

# EXHAUST SYSTEM CHECKLIST

## WALL CAPS

- All exhaust systems must be terminated in such a manner as to prevent back drafts from outside as well as to prevent entry of birds or other wildlife.
- The termination should present minimal resistance to exhaust flow and should require little or no maintenance to prevent clogging. Never install screen over exhaust duct.
- The preferred termination is a dampered wall cap having a 4" wide opening. (see table). It must be installed with opening pointed down, and must be spaced a minimum of 12" above ground level or any other obstruction.
- If other terminators are used, such as roof vents or louvered plenums, they must be equivalent to a 4" dampered wall cap with regard to resistance to air flow, prevention of back drafts and maintenance required to prevent clogging.

## URNS OTHER THAN 90°

- One turn of 45° or less may be ignored.
- Two such turns should be treated as one 90°.
- Each turn over 45° should be treated as a 90°.

## SEALING OF JOINTS

- All joints should be tight to avoid leaks.
- The male end of each section of duct must point away from dryer.
- Do not assemble ductwork with screws or other fasteners that extend into the duct, as they will serve as a collection point for lint.
- Duct joints can be made air and moisture tight by wrapping the overlapped joints with duct tape.

## INSULATION

- Ductwork which runs through an unheated area or which is situated adjacent to an air-conditioning duct should be insulated to reduce condensation and lint accumulation.



## WARNING--TO REDUCE THE RISK OF FIRE OR PERSONAL INJURY:

- Exhausting the dryer to the outdoors is strongly recommended to prevent large amounts of moisture from being blown into the room.
- Use only metal duct.
- Do not terminate exhaust in a chimney, any gas vent, under an enclosed floor (crawl space), or into an attic. Th accumulated lint could create a fire hazard,
- Provide an access for inspection and cleaning of the exhaust system, especially at turns. Inspect and clean at least once a year.
- Never terminate the exhaust into a common duct with a kitchen exhaust. A combination of lint and grease could create a fire hazard.
- Do not obstruct incoming or exhausted air.

## NOTE TO INSTALLER - ...AFTER INSTALLATION CHECK THE FOLLOWING

- EXHAUST DUCT - must meet specs on Page 3. No excessive turns. No kinks or obstructions to air flow.
- EXHAUST HOOD - should work freely and open downward.
- GROUNDING - Dryer must be properly grounded to conform to local codes and ordinance requirements
- OPERATION - turn dryer on and check for heat.
- HAND CUSTOMER THE USE AND CARE BOOK - Give instructions on operating the dryer - answer any questions.
- GIVE THESE INSTALLATION INSTRUCTIONS to the customer.

## WHEN INSTALLED IN MANUFACTURED (MOBILE) HOMES -

Dryer must be exhausted to the outside. Exhaust MUST NOT be terminated beneath mobile home. Exhaust material MUST NOT support combustion. Installation MUST conform to Manufactured Home Construction & Safety Standard, Title 24 CFR, Part 32-80 or when such standard is not applicable, the American National Standard of Mobile Homes, ANSI/NFPA No. 501B-1977.

For electrical connection, see "Connecting dryer using 4 wire connection."

## USE OF CASTERS (120V PORTABLE MODELS ONLY)

- For a portable installation, screw casters into the holes on the bottom of the dryer. Refer to the "Installation Instructions for caster assembly" sheet to install casters.