

OWNER'S MANUAL

Model WCAM 1812 Combination Washer/Dryer

Contents

Technical Data.....	2
Installation Requirements.....	3
Installation Instructions.....	4
Important Safety Information.....	6
About Your Washer/Dryer	7
Understanding the Control Panel.....	8
Fabric Care Labels.....	10
Stain Removal Chart.....	10
Guide to Wash & Dry Programs.....	11
Guide to Wash Only Programs.....	12
Operating Instructions.....	13
Preparing Your Laundry.....	13
Choosing Load Size.....	13
Using the Laundry Aid Dispenser.....	14
Using Your Washer/Dryer.....	14
Troubleshooting.....	14
Taking Care of Your Washer/Dryer.....	15
Common Laundry Problems.....	17
Product Warranty.....	18
Service Contacts.....	18



Important! To get the best performance from your washer/dryer, read all operating instructions before using for the first time.

ASKO

CUSTOMER CARE CENTER
800.898.1879
www.askousa.com

TECHNICAL DATA

WHAT IS A COMBINATION WASHER AND DRYER PRODUCT?

The ASKO combination washer and dryer product is a “unique laundry solution” for households that can not accommodate traditional laundry products. The large capacity tub provides an impressive 15 lb (Full Load) wash capacity or 7.5 lb (Half Load) drying capacity. This laundry solution provides the customer with the convenience of a 120V in-house laundry product that is designed to wash and dry smaller loads of laundry on a regular basis.

Our washer and dryer combination product utilizes a condenser dryer technology (vent-less) allowing for seamless wash to dry performance without the need for special electrical requirements or an external vent. These features make this product convenient for multiple applications where traditional laundry solutions (separate washer and dryer requiring 220V electrical) will not operate. This product features a large 2.5 cubic foot drum (largest in its class) which features more capacity for wash AND dry performance. Keep in mind it uses a standard household current which limits the wattage available for the dry performance, which results in longer total cycle times (3-4 hours). The 1200 RPM spin provides the maximum moisture removal to reduce the drying times along with the Heavy Stain cycles that provides a 140 degree temperature boost for improved stain removal.

Dimensions

- A. Width: 23 ½” (597 mm)
- B. Height: 33 ¼” - 34” (845 - 864 mm)
- C. Depth: 23 ⅝” (600 mm)
- D. Depth w/door open: 39” (991 mm)

Capacity

Large

Electrical Conn.

Voltage: 120 Volts, 15 Amp, 60Hz

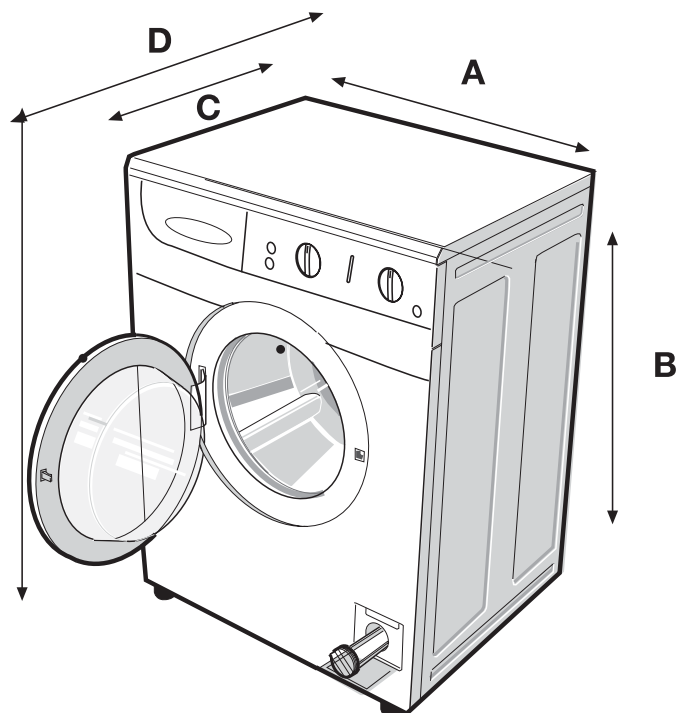
Water Conn.

Inlet supply hose: Two 6' (1.5 m) fill hoses, hot & cold

Supply pressure: 15 – 142 PSI

Outlet hose” 6.5' (1.7 m) polypropylene hose, ¾” ID

Note: The manufacturer reserves the right to improve appliance specifications without prior notice. For more information, see the type plate on inner door facing of machine.



INSTALLATION REQUIREMENTS

Grounding Instructions

This appliance must be properly grounded. In the event of breakdown or malfunction, grounding reduces the risk of electric shock by providing a path of least resistance for electric current. The cord for this appliance has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances. Do not modify the electrical plug provided with the appliance – if it does not fit the electrical outlet, have a qualified electrician install a proper outlet. Make sure the power supply and electrical outlet support a 110/120V, 15 amp single-phase circuit.

Warning!

Improper connection of the equipment-grounding conductor may result in electric shock. If you are in doubt as to whether the appliance is properly grounded, check with a qualified electrician or service representative.

Important!

To prevent accidents, injury and fire, read instructions carefully before you install the machine.

A qualified installer familiar with all local codes and ordinances for plumbing and electricity should do the installation and grounding. Incorrect installation may cause damage or injury.

Install washer/dryer on a strong, level floor in a protected, dry and well-ventilated area with room for electrical cords and hoses behind the machine. Temperature should be not less than 38° F (3° C)

Make sure power supply and outlet support a 110/120 V, 15 amp single-phase circuit.

Do not use an extension cord.

If integrity of the machine is in doubt, do not use it. Call Customer Care Center at 800-898-1879.

Electrical

Machine Voltage/Amperage – 120V, 60Hz, 15 Amp

Connection – 3-prong plug (must be grounded)

Circuit/Protector – single phase, 15 AMP, 120V, 60Hz

Location

The washer/dryer can be installed as a freestanding unit or in a recessed area, under a counter or in a closet with appropriate clearance. See page 4.

FILL/DRAIN HOSES

Fill Hoses – Two hoses are supplied with the machine. The hot water hose has a red stripe running the length of the hose.

Drain Hose – Drain outlet should be between 23" (60 cm) and 35" (90 cm) above the floor. To prevent siphoning, do not seal the drain hose connection into the drain outlet. If machine is not connected to a drain outlet, position drain hose and bracket over the edge of sink or wash basin and secure in place before draining. See page 5 for complete installation instructions for the fill and drain hoses.

ASKO denies all liability if installation use and care instructions are not followed completely.

Tools

1. Adjustable Wrenches
(if you use adjustable fittings)



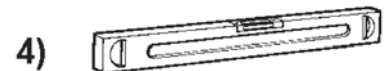
2 Open-ended Wrench
[10mm]



3. Tape Measure



4. Spirit Level



5. Channel Lock



6. 20 Torx screwdriver



INSTALLATION INSTRUCTIONS

Installation/Removal

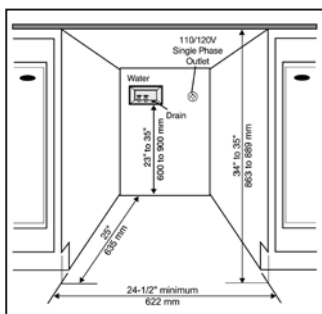
1. Unpack Washer/Dryer

Move the machine to its installation position. Remove the packing materials carefully to avoid damage to the machine's pre installed drain hose and power cord. Make sure the machine is intact and report any damage to the retail location you purchased your product from immediately.

WARNING: Destroy the carton and plastic bags after unpacking washer-dryer. Plastic bags and other packing material are not children's toys and can be dangerous.

Built-In Installation

The ASKO WCAM 1812 can be installed beneath a cabinet or worktop with a height of 34-1/2" (876 mm). There must be a gap of about 1/2" (12 mm) all around the machine, including between the rear edge of the machine top panel and the back wall. The opening width must be at least 24-1/2" (622 mm). Space must also be available for the inlet and drain hoses. See the diagram above for measurements and positions.



2. Remove Shipping Bolts/Spacers/Grommets

The machine's shipping security consists of shipping bolts (4), spacers and grommets on the back panel to secure the wash / dry drum during shipping and delivery.

IMPORTANT: Remove all shipping bolts/spacers/grommets before using the washer/dryer to allow proper operation and prevent damage to the appliance.

Once the machine is in its installation location, remove the four locking 10mm bolts and plastic spacers (Fig. 1A). If plastic spacers cannot be removed, open rear panel (20 torx) screwdriver as shown in Fig 1B, remove spacers and replace the panel.

Keep bolts, shipping bolts, spacers and grommets for future use.

Plug holes with four plastic plugs enclosed packed with manual (Fig. 2)

Remove power cord restraints before plugging in machine.

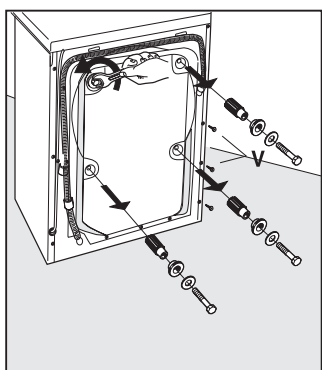


Fig. 1A

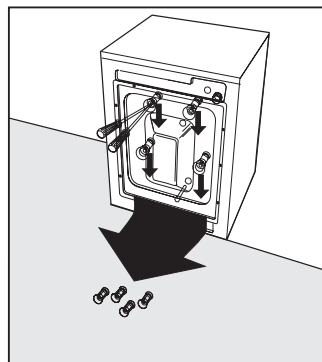
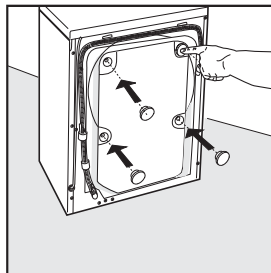


Fig. 1B

IMPORTANT: Retain all shipping bolts, spacers and grommets Reinstall to prevent damage if you transport machine in the future.

Fig. 2



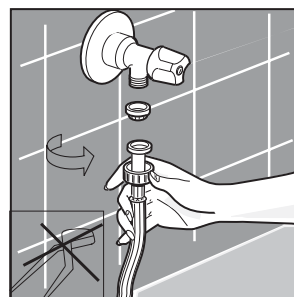
*** Do not plug in power supply until shipping bolts are removed.**

3. Connect Water Inlet

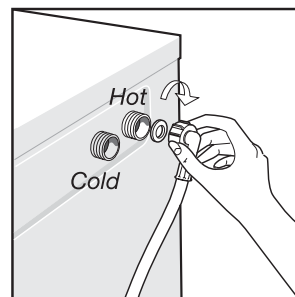
If connecting to new or unused water pipes, run water until clear before connecting to machine to remove any debris that could clog the water valve screens. **NOTE: Make sure water supply shut-off valves are easily accessible.**

IMPORTANT: Water pressure MUST be within the range of values indicated in Specifications.

Two inlet hoses are provided with the machine. Hot water hose has red stripe running the length of the hose. Insert washer/filter (Fig. 5A) before connecting water inlet hose to valve. Check that other end of the hose is tight

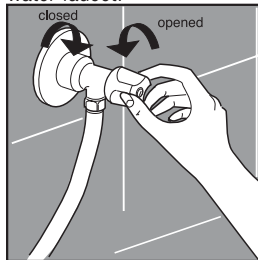


Connect to faucet (Fig. 5A). (Fig. 5B).



Connect to machine

NOTE: connect fill hoses, plastic end to machine AND metal end to water faucet.



Turn on water supply (Fig 5C).

IMPORTANT: Do not over-tighten. Excessive force can damage the couplings. Tighten by hand; use a tool only in case of a leak.

Flush out water lines before connecting the hoses to machine.

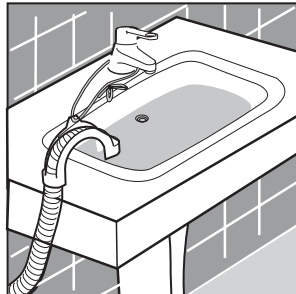
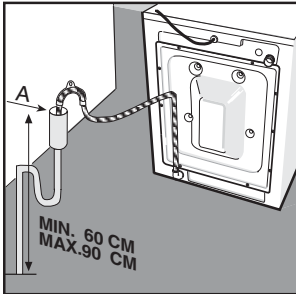
INSTALLATION INSTRUCTIONS

4. Water Drainage

Water may be drained into a sink, drainpipe or standpipe. To prevent siphoning, do not seal drain hose into drain outlet.

Wall or Floor Standpipe Drain System - The top of the standpipe must be between 23" (60 cm) - 35" (90 cm) from the bottom of the washer.

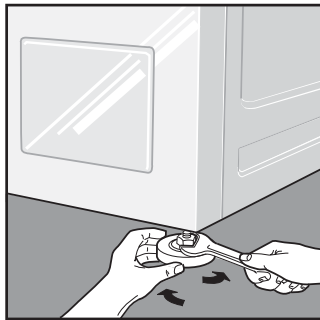
You should securely attach drain hose to keep water pressure from allowing hose to come loose and leak on the floor.



5. Level Washer/Dryer

The front and rear legs may be screwed /unscrewed to level the machine. To access legs, tilt machine backwards until it rests against wall or other stable structure. Adjust legs up or down until washer is stable and does not rock front-to-back or side-to-side when upright. Once machine is level, tighten locknuts.

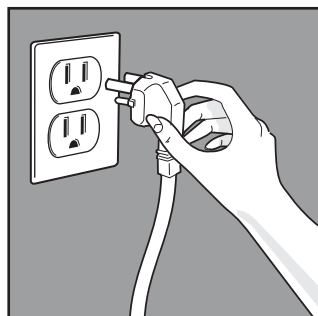
IMPORTANT:
For best performance, washer/dryer must rest solidly on a sturdy floor or platform, with minimum vibration.



6. Connect to electric power

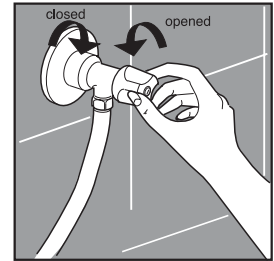
Plug power cord into grounded outlet only (see Grounding Instructions on page 3 for complete details). Be sure power is OFF at fuse box/circuit breaker before plugging in machine for the first time. Plug cord into outlet and turn power on at circuit breaker.

NOTE: Remove four (4) shipping bolts prior to plugging machine into electrical outlet. Do not cut power supply cord!



7. Turn on water supply.

Check for leaks at water faucet and machine before proceeding. Be sure the water taps are on before starting.



8. Prepare Washer/Dryer for Use

Before using washer/dryer, read owner's manual thoroughly. Save all instructions for future reference.

Wipe inside and outside of washer/dryer with a damp cloth before running to remove any dust or debris.

Run your empty washer/dryer through a complete wash cycle before washing clothes. Check for water leaks and proper operation during this test run.

ASKO denies all liability if instructions are not followed correctly.

INTRODUCTION

Thank you for choosing ASKO!

Your new ASKO washer/dryer uses less energy and space while providing outstanding washing and drying performance. The ingenious combination of style and technology will give you years of safe, reliable service.

Read Instructions Carefully

This manual includes instructions for installation, use and care of your new ASKO washer/dryer combination. Take a few minutes to read through these instructions – learning to properly use your machine can save you time and money. The enclosed Quick Start Guide should be kept near your machine for easy, convenient reference.

If you have questions or need assistance, call our Customer Care Center at 800-898-1879.

Record Model and Serial Numbers

For future reference, write down your model number and serial number, found inside the door of your machine.

Model _____

Serial _____

Date of Purchase _____

Important Safety Information

ASKO complied with the highest international safety regulations when designing and manufacturing your washer/dryer. For your safety, however, please carefully follow all precautions within this manual in order to minimize any risk of fire, electric shock, property damage, personal injury or loss of life

- Read all instructions before using this appliance.
- Do not run washer/dryer while you are not at home.
- Do not wash or dry articles that have been previously cleaned, washed, soaked or spotted with gasoline, dry cleaning solvents, cooking oils or other flammable or explosive substances, because they give off vapors that could ignite or explode.
- Do not allow children to play on or in washer / dryer. Supervise children whenever appliance is in use.
- Before removing appliance from service or discarding appliance, remove the door to washing/drying compartment.
- Do not reach into appliance while drum is moving.
- Do not install or store appliance where it will be exposed to the weather.
- Do not tamper with controls.
- Do not attempt to repair or replace any part of the appliance unless specifically recommended in the user instructions or in published user-repair instructions that you understand and are qualified to carry out. Call ASKO to locate a qualified repair technician near you.
- Do not add dry cleaning solvents, gasoline or other flammable or explosive substances to the wash water. These substances give off harmful vapors that can catch fire or explode.
- Do not heat-dry items containing foam rubber or similarly textured rubber-like materials, fiberglass and wool (unless specified “washable” on label).
- Do not heat-dry items that have been dry-cleaned.
- Do not place flammable substances around your washer/dryer during operation.
- If a hot water system has not been used for 2 weeks or more, under certain conditions, hydrogen gas may be produced. HYDROGEN GAS IS EXPLOSIVE. To release any accumulated hydrogen, turn on all hot water faucets and let the water flow from each for several minutes.
- In case of water break or rupture, turn off water faucets to relieve pressure on hoses and valves and to minimize leakage.
- Have machine interior cleaned by qualified service personnel periodically.
- When emergency service is required, unplug machine or turn off power to washer at the circuit breaker/fuse box.
- Make sure drum is empty before loading washer.
- Do not dry feather or down bedding

About Your Washer/Dryer

Your New Appliance

Your ASKO washer / dryer is a front-loading machine with a quality stainless steel tub, a vent-less condenser dry system, a 1200 RPM maximum spin speed and 140 minute Dry Time knob. It features 4 wash temperatures, 9 wash programs and many other convenient features such as:

Features

Fabric Care System

The gentle tumble action of your front-loading washer results in cleaner clothes with less wear and tear – and you can put delicate fabrics in the washing machine instead of hand-washing them. Tumble action also uses less water and detergent than conventional washers. In addition to the better wash action, your ASKO washer has an internal heater to boost temperatures to 140°F (60°C) for improved stain removal. After the clothes are clean, ASKO spins them dry at speeds up to 1200 RPM, which saves time and energy in the dryer and extends the life of your clothes. Your ASKO washer/dryer also has a reversing tub to keep clothes moving freely, to speed drying and reduce wrinkles.

ENERGY STAR® Rated

As the U.S.-government-backed, trusted symbol for energy efficiency, the ENERGY STAR label identifies highly efficient products and superior energy performance.

Load Management System

To keep your washer on an even keel, ASKO introduces the load management system. The WCAM 1812 features a four shock absorber suspension to reduce vibration when the washer spins. A cast-aluminum cradle supports the tank and evenly distributes the weight of the clothes.

Easy to use controls

Your ASKO laundry appliance has easy-to-use controls with familiar program names and convenient wash/dry options.

Coin trap

Your ASKO washer/dryer has a coin trap to keep small objects from blocking the pump. A small door on the front of the washer allows you to empty items, such as coins, to prevent the pump from jamming.

Water control system

The water system measures how much water is needed for each load. You never have to select the water level, because the washer automatically uses the right amount.

Quiet package

The ASKO washer/dryer features a package for quiet performance. The top holds in noise; the washer's drain pump is at the rear of the machine to reduce sound; the suspension system reduces vibration and minimizes noise.

Work top surface

The triple-layer DuraTech™ top locks in noise and provides a convenient surface for folding clothes or other laundry tasks.

Complies with ADA accessibility guidelines (Americans with Disabilities Act)

The ASKO washer/dryer fits easily into any standard American cabinet opening. All ASKO units are ADA height-compliant for convenient wheelchair access. For your convenience, your ASKO washer/dryer has controls on the front, making them easy to reach.

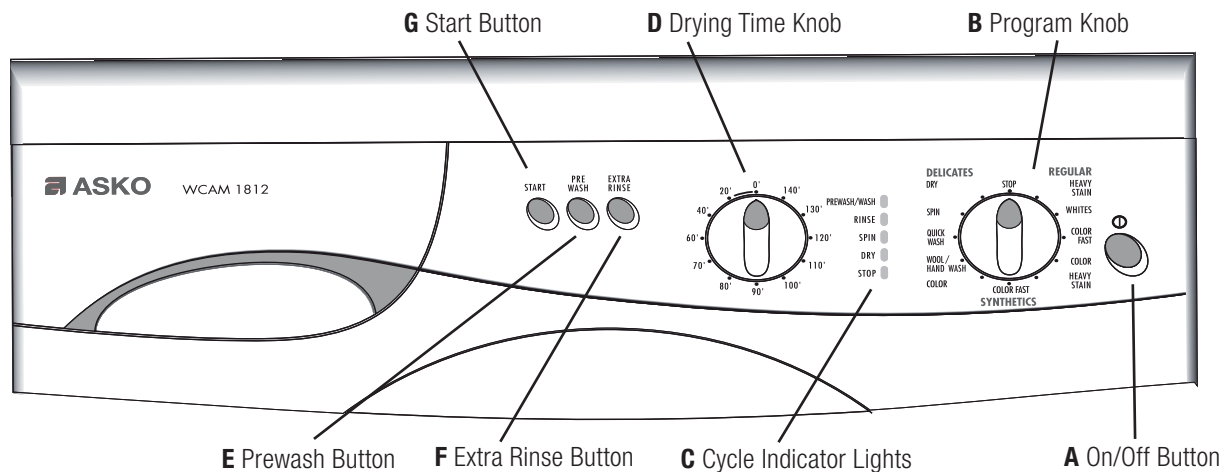
Internal (vent-less) condenser

Your ASKO washer/dryer uses a condenser dryer, so doesn't need a vent to the outside like a traditional dryer. Instead, the washer/dryer conveniently drains water through the drain hose. This makes it ideal for installation in closets, older homes without vents, RVs and marine applications.

Cool down program

Your ASKO dryer finishes with up to a 20-minute cool-down program to reduce wrinkles and decrease wear and tear on clothes. When you take your clothes out of the dryer, they are dry but not hot.

GETTING STARTED



Understanding the Control Panel

On/Off Button (A)

Press this button to turn the main power to the machine on or off. When the power is on and the Program Knob is on the Stop position, the Start (G) button flashes.

Program Knob (B)

Refer to the table on pages 11-12 to determine the right program for your current wash load. Turn knob to select correct program.

Stop Position

To stop the machine after starting a program, turn the Program Knob to the Stop position. When you interrupt a program by turning the dial to Stop, the door lock remains engaged for a two-minute safety delay, after which you may open the machine door. To restart the machine, reposition the Program Knob and press Start (G).

If you wish to use the drying function only, turn Program Knob to dry and set the drying time with the Drying Time Knob.

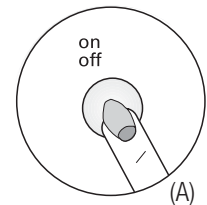
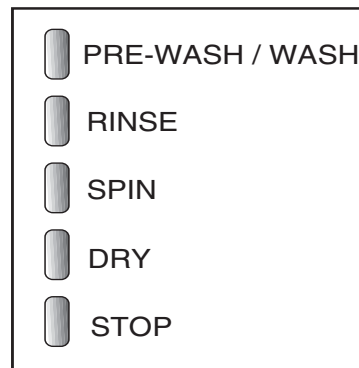
Note: Before starting a program, the machine will drain any water already in the machine, so you may need to add detergent before you press Start (G).

Cycle Indicator Lights (C)

The light indicates progress of the wash/dry cycle as it occurs. When the Stop light glows, the program is complete. After a two-minute delay, the door lock will release so you can open the door.

Drying Time Knob (D)

Set knob to the number of minutes you wish to dry the load. See page 11 for recommended dry times. To prevent over-drying and damage to sensitive fabrics, start with a shorter time and add time until the load is dry. To use the dry function only, turn Program Knob to dry, set Drying Time Knob to number of minutes desired and press Start (G).



Pre-wash Button (E)

For heavily soiled items, press this button to run the pre-wash cycle. Be sure to put detergent in the pre-wash compartment of the detergent drawer. The button glows while the pre-wash cycle option is on.

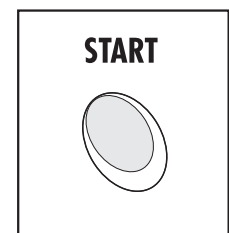
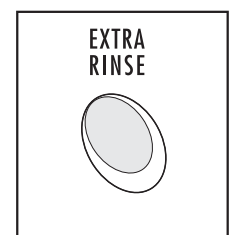
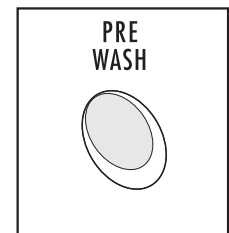
Note: Pre-wash cannot be used with any Delicate program.

Extra Rinse Button (F)

Select this option to add one or two extra rinse cycles. The Extra Rinse Button glows when the option is on. See pages 11-12 for information regarding the number of rinse cycles added to various programs when you select this option. Recommended for those with soft water or detergent allergies. Note: Option not available with Quick Wash, Spin, and Dry programs.

Start Button (G)

Once you have set the wash program, drying time, and pre-wash or extra rinse options, press this button to start the program.



GETTING STARTED

Preparing your Laundry

Separate Fabrics and Pre-treat

Ensure the best wash/dry results by preparing your laundry before you wash. Read and follow guidelines on fabric labels. Separate laundry by fabric type, color and fabric care instructions.

- Fasten all hooks, zippers and buttons to prevent snags and pulls.
- Tie strings, sashes, etc., and remove any non-washable trims, belts or buckles.
- Empty pockets of garments.
- Pre-treat stained or heavily soiled items.
- Put any delicate items – bras, shoulder pads, tights, hosiery, and underwear – in mesh laundry bag to prevent tangles.
- Mend any torn items to prevent further damage.

Pre-washing

For excessively soiled clothes with embedded dirt, such as work clothes or children's play clothes, use the pre-wash option and / or heavy stain program. Add the appropriate amount of HE* powdered laundry detergent to section #1 of the detergent dispenser.

Pre-treating

Use a pre-wash spray or stick, HE* liquid laundry detergent or HE* powdered laundry detergent water/paste mixture on stains before washing. See Stain Removal Chart, pg. 10, for specific stain treatments.

Choosing Laundry Aids

Laundry Detergent

The ASKO washer/dryer gets fabrics clean with smaller amounts of HE* laundry detergent. If you are used to a top-loading washer, use less detergent for wash loads.

Amount: Use 1 – 2 Tablespoons of (HE*) powdered laundry detergent, or the equivalent amount of high efficient (HE) liquid detergent. For

Pre-washing Cycle, use 1-2 teaspoons of detergent depending on soil level of load. Low-suds detergents designed for front-loading machines, such as ASKO's own ecoVantage™ Laundry Detergent, are recommended.

Adjust amounts for heavily or lightly soiled garments. Use more in hard water; less in soft water. Pre-treated garments may require little to no additional detergent.

ecoVantage™ Laundry Detergent

For best results with your ASKO combination washer/dryer, use ecoVantage HE (high efficiency), low-sudsing laundry detergent. It's the only laundry detergent that has an oxygenated cleaning agent in a perfume & dye-free (sensitive) formula. Order ecoVantage by calling 800-898-1879 or go online at www.askousa.com.

Liquid Fabric Softener

Using fabric softener in the dispenser section (#3) helps items release from the drum after the spin cycle, helping clothes dry faster and wrinkle less.

Amount: Use 1-2 tablespoons per wash load of a bio-friendly brand. These softeners dissolve quicker and minimize build-up in the machine.

Adjust amounts for heavily or lightly soiled garments. Use more in hard water; less in soft water.

Note: Never exceed the recommended amount of liquid fabric softener and do not use fabric softener sheets. Doing either could cause damage to fabrics, your washer/dryer and impair wash results.

Bleach

Using liquid chlorine bleach is not recommended with the ASKO laundry products washer/dryer. However, for difficult-to-remove stains, use only non-chlorinated bleach (powder only). Mix approximately 1-2 teaspoons of non-chlorinated powdered bleach with powdered HE* detergent in section #2 of the detergent compartment























* HE = high efficient, low sudsing laundry detergent.



GETTING STARTED

UNDERSTANDING FABRIC CARE LABELS

Garment labels contain important washing and drying instructions, often using small symbols. This table will help you interpret these symbols for better wash results and machine performance.

Machine Wash Cycle	 Normal/Cotton Heavy Duty	 Permanent Press/wrinkle resistant	 Delicate/Gentle	 Hand wash only	 Do not wash	 Do not wring. Hang dry, drip dry or dry flat
Water Temperature	 Hot (50°C/120°F)		 Warm (40°C/105°F)		 Cold/Cool (30°C/85°F)	
Tumble Dry	 Dry	 Normal/Cotton Heavy Duty	 Permit Press/wrinkle resistant	 Delicate/Gentle	 Do not tumble dry	 Do not dry
Special Instructions	 Line dry/hang to dry	 Drip dry	 Dry flat	 In the shade		
Bleach Symbols	 Any bleach	 Only non-chlorine bleach (when needed)		 Do not bleach		

STAIN	TREATMENT
Adhesive tape, chewing gum, rubber cement	Apply Ice. Scrape off excess. Place stain face down on paper towels. Saturate with prewash stain remover or nonflammable dry cleaning fluid.
Beverages (coffee, tea, soda)	Pretreat stain, Wash using cold water.
Blood	Rinse w/cold water. Rub or pretreat or soak with product containing enzymes.
Collar or cuff soil, cosmetics	Pretreat with prewash stain remover or rub with bar of soap.
Dye transfer on white fabric	Use packaged color remover.
Ink	Some inks may be impossible to remove. Washing may set some inks. Use prewash stain remover, denatured alcohol.
Mildew, scorch	May be impossible. Soak in oxygen bleach and hot water before washing.
Mud	Brush off dry mud. Pretreat or soak with product containing enzymes.
Paint, varnish	WATER BASED: Rinse fabric in cool water while stain is wet. Wash. Once paint is dry, it cannot be removed. OIL BASED AND VARNISH: Stain should never be washed in your machine.
Perspiration	Use pre-wash stain remover or rub with bar soap. Rinse. Wash in hottest water safe for fabric.
Rust, brown or yellow or discoloration	SPOTS: use rust remover safe for fabric. DISCOLORATION OF ENTIRE LOAD: use phosphate detergent.

GETTING STARTED

WASH & DRY PROGRAMMING

PROGRAM	LOAD SIZE	MAIN WASH	RINSES	SPIN	DRY
REGULAR					
HEAVY STAIN	HALF	65 MIN	30 MIN	7 MIN	120 MIN
WHITES	HALF	51 MIN	27 MIN	11 MIN	100 MIN
COLOR FAST	HALF	51 MIN	37 MIN	11 MIN	100 MIN
COLOR	HALF	42 MIN	37 MIN	11 MIN	100 MIN
SYNTHETICS					
HEAVY STAIN	HALF	31 MIN	26 MIN	11 MIN	100 MIN
COLOR FAST	HALF	22 MIN	35 MIN	11 MIN	60 MIN
COLOR	HALF	20 MIN	45 MIN	11 MIN	60 MIN
DELICATES					
WOOL/HAND WASH*	HALF	32 MIN	24 MIN	8 MIN	N/A
QUICK WASH	HALF	15 MIN	24 MIN	8 MIN	60 MIN

* When setting the dry time for the Wool/Hand-wash program the dryer will not go into dry automatically. For dry only loads follow the dry times noted above.

LOAD EXAMPLES - 7.5 LBS. (Half Load)

1. Denim load 5 items

2 HOURS DRY TIME

- 1 Blouse
- 1 Dress
- 3 Pair Blue Jeans

Dry Time can be set up to 140 minutes. The total time of dry will depend on the size and type of load being washed and dried.

Regular Program has a cool down of 20 minutes at the end of the dry cycle.

Synthetics program has a cool down of 10 minutes at the end of the dry cycle.

Wool/Hand wash has no dry capability. These garments should be either hung to dry or laid flat on a clean, smooth surface.

2. Bath towels 5 towels 48" x 29" 2 HOURS DRY TIME

Dry times will vary with load sizes, however these items are the heaviest items to dry and are a good barometer.

3. Bedding 5 items

2 HOURS DRY TIME

- 1 King Fitted Sheet
- 2 King Pillow Cases
- 2 Perma Press shirts or blouses

(For best results wash and dry the flat and fitted sheets separately to minimize tangling of the fabrics.)

* Load sizes and dry times are approximate. Your results might vary based on fabric type and load size.

GETTING STARTED

WASH ONLY PROGRAMS

EXTRA RINSE BUTTON

This button sets the program to add one or two rinse cycles. The button will glow when this option is on. See the Wash Program table below for an explanation of the number of rinse cycles added to each program.

Three rinses are usually sufficient, but if you live in an area with very soft water or you are allergic to detergent, you may want to use this option.

PRE-WASH BUTTON

Be sure to put detergent in the pre-wash compartment of the detergent drawer. The button glows while the pre-wash cycle option is on.

For heavily soiled items, use the pre-wash cycle. Be sure to put detergent in the pre-wash compartment of the detergent drawer. The button glows while the pre-wash cycle option is on.

Note: Pre-wash cannot be used with any Delicate program. This option is only available in the Regular and Synthetics Cycles.

The table below defines each wash program in detail to help you determine which program is best for each type of load. Load size is for wash only!

PROGRAM	TEMP	SOIL LEVEL	FABRICS	LOAD SIZE (1)	PROGRAM DESCRIPTION	SPIN SPEED	OPTIONS AVAILABLE	
							PREWASH	EXTRA RINSE
REGULAR								
HEAVY STAIN (2)	HOT	HEAVY	COTTON, LINENS	FULL	LONG MAIN WASH, 3 RINSES, DRAIN & SPIN	1200	YES	2
WHITES	HOT	HEAVY	COTTONS, LINENS, BLENDS SYNTHETICS	FULL	MAIN WASH, 3 RINSES, DRAIN & SPIN	1200	YES	2
COLOR FAST	WARM	HEAVY	COTTONS, LINENS, BLENDS SYNTHETICS	FULL	MAIN WASH, 3 RINSES, DRAIN & SPIN	1200	YES	2
COLOR	COLD	LIGHT	COTTONS, LINENS, BLENDS SYNTHETICS	FULL	COTTONS, LINENS, BLENDS SYNTHETICS	1200	YES	2
SYNTHETICS								
HEAVY STAIN	HOT	HEAVY	COTTONS, LINENS, BLENDS SYNTHETICS	HALF	LONG MAIN WASH, 2 RINSES, DRAIN & SPIN	800	YES	1
COLOR FAST	WARM	LIGHT	COTTONS, LINENS, BLENDS SYNTHETICS	HALF	MAIN WASH, 2 RINSES, DRAIN & SPIN	800	YES	1
COLOR	COLD	LIGHT	COTTONS, LINENS, BLENDS SYNTHETICS	HALF	MAIN WASH, 2 RINSES, DRAIN & SPIN	800	YES	1
DELICATES								
WOOL/HAND WASH (3)	WARM	LIGHT	MACHINE-WASHABLE WOOL AND SILK, NYLON	ONE-THIRD	HIGH-WATER LEVEL WASH, 3 RINSES, DRAIN, GENTLE SPIN	550	N/A	1
QUICK WASH	WARM	LIGHT	LIGHTLY SOILED, NORMAL FABRIC	FULL	HIGH-WATER LEVEL WASH, 2 RINSES, DRAIN, GENTLE SPIN	1200	N/A	N/A
SPIN	N/A	N/A	COTTONS, LINENS, BLENDS SYNTHETICS	FULL	DRAIN 7 INTENSIVE SPIN	1200	N/A	N/A

START BUTTON

After you have set the program, prewash or extra rinse option, press this button to start the program.

NOTES:

- (1) For an explanation of the recommended load sizes, see page 11.
- (2) When you select the Heavy Stain program, the unit heats the water to 140°F for the main wash for improved stain removal performance.
- (3) The Wool/Hand Wash program has an 550 rpm spin speed to eliminate stress on delicate fabrics.

OPERATION INSTRUCTIONS

Load types and sizes

A different kind of machine

In some ways, using your ASKO washer/dryer is much different than using traditional, separate laundry products. First, the load sizes will be smaller, since both washing and drying occur in the same drum. The wash cycle is about the same as a traditional washer, but drying times will be longer. You will become accustomed to doing smaller, more convenient loads of laundry instead of doing bulkier loads less frequently.

Choosing drying times and load sizes

Drying times depend on fabric dampness and the size and type of the load. Jeans, towels and other thick fabrics take longer to dry.

For the condenser dryer to operate properly, items must be able to tumble freely in the drum. If you overload the drum, your laundry will not dry properly. In general, if your dry time is more than 140 minutes, reduce the load size.

Tips for best results

Use a combination of small and large items to make a full load. Rather than washing a single towel, sweater or pair of jeans, add a few similar items to balance the load. Single, heavy items such as a terry bathrobe may be washed separately.

Cotton and linen fabrics should be washed in full loads while using the "wash only" mode. When using the "wash / dry" mode, the capacity should always be at half load or less.

Permanent press fabrics need more room to move freely during washing; fill the machine half full for best results on permanent press items.

Delicate fabrics, such as machine washable wool and silk, should be washed in one-third sized loads for best results.

Do not use the machine to wash torn, frayed or linens with raw hems. If such items must be machine-washed, place in a mesh bag for protection.

Do not wash whites and colored linens together. Do not machine-wash rugs that could come apart and clog the pump of the machine.

Turn colored and printed t-shirts and sweatshirts inside out before washing to make them last longer. Always iron such items inside out.

Protect delicate underwear, tights, stockings and other fragile garments by putting in a mesh laundry pouch to wash and dry.

Overalls have straps with hooks that can damage your washing machine and other garments during the wash/dry cycle. Minimize risk by placing hooks in pockets and secure with safety pins.

NOTE: You will become accustomed to the best methods the more you use your new ASKO washer/dryer product. It would be better to start with smaller loads and amounts of detergent which you can adjust over time.

Using the Detergent Dispenser Drawer

The dispenser drawer has 3 compartments, for (1) pre-wash, (2) main wash and (3) fabric softener as shown (Fig. 9). The machine automatically dispenses the detergent and softener at the proper times in the cycle.

To load the dispenser, simply pull out the drawer and add the appropriate amounts of HE powdered detergent and liquid fabric softener into the compartments noted above. Do not add detergent to the pre-wash compartment unless you are using a program with a pre-wash cycle. Otherwise, the machine may over-suds and spill onto the floor.

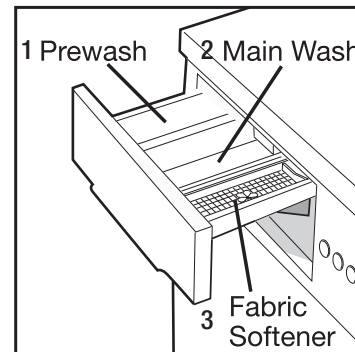


Fig. 9

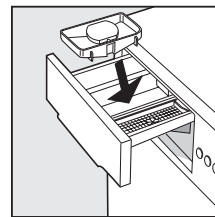


Fig. 9 A

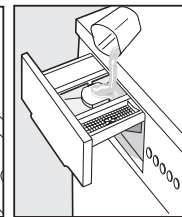


Fig. 9 B

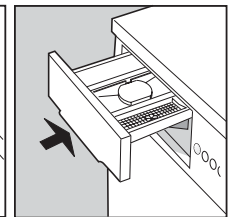


Fig. 9 C

NOTE: When using a liquid detergent, insert the special container supplied with the washer into the main wash compartment (Fig 9a). Pour the manufacturer's recommended dosage of HE liquid detergent into the container (Fig 9b). Close detergent dispenser (fig 9c).

After loading clothes and detergent

1. Close detergent drawer
2. Close washer door securely
3. Set wash / dry programs
4. Press Start

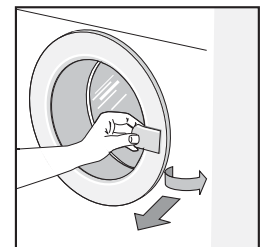


Fig. 9 D

OPERATION INSTRUCTIONS

Cleaning the Detergent Dispenser Drawer

When detergent builds up in and around the drawer, remove the drawer by pressing on the plastic part of the softener compartment marked "PUSH" (Fig. 10A). Place under running water for a few minutes to remove buildup. Clean and wipe out the area around the dispenser with a damp cloth before replacing the drawer.

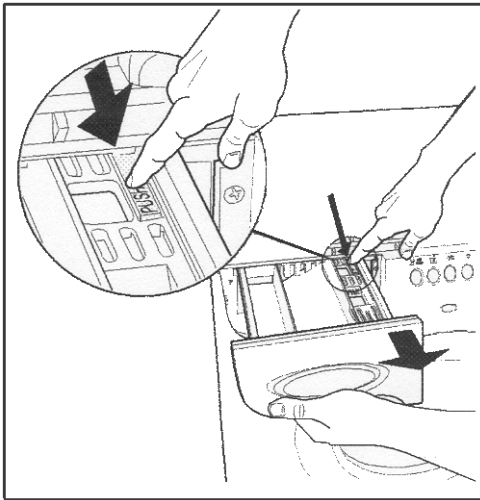


Fig. 10A



Tips

Do not use liquid detergent for pre-wash because the detergent will wash out of the drawer. Use only (HE) powdered detergent in the pre-wash compartment.

Use low-suds high efficient (HE) detergent made for front-loading washers. For HE detergents, use only 1 – 2 tablespoons. Too much detergent can leave residue on your clothing and damage the washer/dryer.

Do not use hand-washing detergent, as it may foam too much and damage your machine.

Do not over use Fabric Softener. Use 1 to 2 tablespoons only!

Reduce the amount of detergent for cold water washing, as it dissolves less easily in cold water.

Do not exceed recommended amounts of detergent and softener, as it will result in poor washing, rinsing, and drying efficiency.

For (HE) liquid detergent use, refer to page 13.

Operation

Using Your Washer/Dryer

Operating your ASKO washer/dryer correctly affects your wash and dry quality and extends the life of the machine. Before using the washer/dryer, make sure you are familiar with the proper load sizes (See Load Types and Sizes, pages 11-12).

Add detergent and fabric softener according to directions (see Using the Laundry Aid Dispenser, page 13), then check to make sure that:

- Detergent drawer is completely closed
- Plug is securely in the electrical outlet
- Water supply is on
- Machine door is closed securely

To start the Wash / Dry Program:

Press On/Off button.

Set Wash Program Knob to the desired program for your current load (see Guide to Wash Programs, pages 11-12).

Turn Drying Time Knob to desired number of minutes. (See Wash and Dry Programs, page 11)

Select options for Pre-wash or Extra Rinse if desired.

Add appropriate amounts of HE detergent and fabric softener into dispenser.

Press Start to begin the cycle.

Note: For more information on correct use of controls, see Understanding the Control Panel, page 8.

To start the Wash only program:

(see wash only programs, page 12)

Follow steps above, leaving Drying Time Knob set to 0.

Note: At end of program, door lock remains engaged for 2 minutes, after which you can open the door.

To start the Dry only program:

(see wash only programs, page 12)

Turn Wash program knob to Dry position.

Set drying time knob to number of minutes of drying time desired.

Press Start.

Reset Program / Add Garment

To stop the machine after a program has started, turn Wash Program Knob to Stop. To restart the program, reposition the Wash Program Knob and press Start.

TO ADD A GARMENT

- TURN PROGRAM KNOB TO STOP
- WAIT 2 MINS FOR THE SAFETY DOOR CATCH TO RELEASE
- ADD YOUR GARMENT (continued on next page)
- CLOSE DOOR SECURELY

OPERATION INSTRUCTIONS

- ADD ADDITIONAL DETERGENT AND FABRIC SOFTENER INTO DISPENSER IF NEEDED.
- CLOSE DETERGENT COMPARTMENT
- RESET WASH PROGRAM KNOB TO DESIRED PROGRAM
- PRESS THE START BUTTON

Check detergent dispenser, add if needed. Do not attempt to force open the door while the door lock is engaged. The door remains locked for approx. two minutes after the wash/dry program finishes.

Use "Quick Wash" to wash loads of lightly soiled items in less time.

Do not use dryer for clothes that have been cleaned with chemical solvents or flammable cleaners. Dry only clothes that have been washed in water.

Do not use dryer for foam rubber or similar synthetic items. Do not use for feather or down bedding.

Do not use fabric softener sheets. Use liquid fabric softener during the wash cycle for best results for a complete wash/dry cycle.

After you remove your laundry, leave door open for a few minutes to allow air to circulate inside the tub and avoid odors.

Taking Care of your Washer/Dryer Exterior cleaning

Wipe the outside of your machine with a damp, soapy cloth. Do not use harsh chemicals or abrasive items to clean plastic parts.

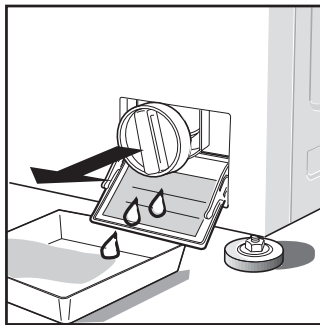


FIG 12

Coin Trap cleaning

Clean the coin trap at least four times a year. Be sure unit has drained before opening trap door.

- Place towel or pan under trap door (Fig. 12) to catch any water.
- Remove trap by turning it slowly counterclockwise until water appears. (Fig. 13).
- Empty water through coin trap. Pull coin trap straight out and clean.
- Replace coin trap and turn clockwise until secure (Fig. 14). Gently tug cap to confirm that trap is secure.

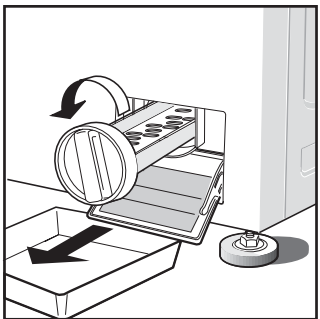


FIG 13



FIG 14

Interior cleaning

If you use a non-phosphate laundry detergent, you may need to clean buildup and oils from the inside of the washer periodically, especially if you live in an area with hard water. To remove buildup, run the washer through a complete hot water cycle (Heavy Stain or White setting) with no clothes, detergent or other laundry aids added. If desired, add 2 cups of water conditioner or de-liming agent to the detergent dispenser.

General care of the machine

Never use solvents or abrasives to clean the external parts of the washer/dryer.

Water supply should be turned off when not in use.

Unplug the machine if you will be gone for a period of time or the machine will not be used.

Clean the detergent drawer periodically (see Cleaning Dispenser, pg. 13).

Always unplug the machine during cleaning or maintenance.

Do not use too much detergent or other laundry additives, as excessive amounts could over-suds and damage your washer/dryer.

Before moving the washer/dryer to a new location, reattach shipping bolts, spacers and grommets that were removed during installation (see page 4).

TROUBLESHOOTING

Is using a ASKO combination washer/dryer different than a traditional “stand-alone” washer and dryer?

Yes. In a ASKO combination laundry product, you wash / dry in the same tub. Cycle times will be longer and overall load sizes will be smaller. Wash cycle times are similar, but because combination washer / dryer products operate using a standard household electrical supply (120V vs. 230V), dry times are longer and capacity is reduced by 50% when using the dry program. The overall convenience of this laundry solution far outweighs the need to manage your laundry requirements with smaller, more frequent laundry loads.

Most issues with your washer/dryer can be solved without a technician. Before calling for service, check the following.

Machine Runs Too Long

Your machine is a combination washer/dryer and depending on load size, fabric, and programs selected, could take as long as 4 1/2 hours to complete the program.

Washer does not work/light is not on.

Press On/Off button

Make sure power supply is securely in electrical outlet

Make sure door is closed securely (press inward on door handle)

Check main power supply and/or house breaker/fuse

Indicator light is on but unit does not work

Make sure door is closed securely (press inward on door handle)

Press On/Off button firmly

Check Program Knob to be sure it is on a program

Press start button

Make sure power supply securely in electrical outlet

Washer does not fill with water

Make sure door is closed securely (press inward on door handle)

Check home water supply and pressure

Make sure water faucet to machine is open

Check for obstructions in water hoses

Clean inlet filters between valves and water hoses

Washer fills and drains continuously

Make sure drain hose is at correct height (pages 4-5)

If draining into sink, make sure drain hose outlet is not under water

Washer does not drain and spin

Make sure drain hose is in correct position (pages 4-5)

Check for kinks and/or obstructions in drain hose

Clean detergent dispenser, if encrusted with residue or clogged

Check Coin Trap for obstructions, clean and reinstall. (page 5)

Load should be properly balanced for maximum water extraction

Use less detergent or low-suds detergent for front-loading washers

Washer/dryer vibrates and is noisy

Ensure that shipping bolts, spacers and grommets have been removed (page 4)

Check that fabrics in tub are not tangled

Make sure machine is level and installed on a secure floor / platform (page 5)

Door will not open

For your safety, door remains locked for approx. two minutes after completion of a wash/dry program.

How can I improve drying performance?

Never overload the tub! The rule of thumb for efficient drying is a laundry load that represents a half load (7.5 lbs) of the tub capacity (15 lbs).

Important note: The dry capacity is one-half (50%) of the wash capacity.

Use 1-2 tablespoons of a liquid fabric softener with each load - softer clothes separate more effectively to allow faster drying with less wrinkles.

Drying times vary based on the type of fabric (heavier fabrics retain more moisture), the amount of moisture retained in the fabric after the wash cycle (1200 RPM spin for regular fabrics vs. 800 for synthetic press fabrics - 550 RPM spin for delicate fabrics) and the size of the laundry load. **DO NOT OVERLOAD THE TUB!**

When you remove items after the dry cycle is complete, they may feel slightly damp to the touch even though they are actually dry. This is a normal performance characteristic of a condensing dryer product. Remove items from tub, fluff clothing by shaking gently to allow any humidity to dissipate before folding or hanging.

Make sure the cold water supply is turned on during the entire laundry (wash / dry) program. This product requires cold water to operate the dry program.

Dryer does not dry properly

Reduce load size (page 11)

Check Coin Trap for obstructions, clean and reinstall (page 15)

Be sure you use a HE low suds detergent and the proper amount of fabric softener.

Make sure cold water is supplied throughout dry cycle

If the problem persists, call our Customer Care Center at 800.898.1879 for further assistance. When you call, have the following information:

- 1) Appliance model number
- 2) Serial number of the machine (located on the inner door facing)
- 3) Purchase date

Why are soap suds seeping from the outside door seal or detergent dispenser?

This is referred to as “over-sudsing”. Using proper amounts (1-2 tablespoons) of a low-sudsing, HE “High-Efficiency” powder detergent and fabric softener to prevent over-sudsing. Over time, over-sudsing

TROUBLESHOOTING

will create a build up in the drying chamber and fan blower with lint particles, reducing overall drying efficiency, and possibly damaging your product (page 9).

Liquid detergents (Non-HE) are not recommended because they produce too much foam, but if you prefer to use a liquid detergent, do not use more than 1 tablespoon of HE liquid detergent.

Common Laundry Problems

Your ASKO Washer/Dryer can safely wash and dry most items. Read and follow fabric care label instructions for best results. Some common laundry problems can be remedied easily using the suggestions that follow.

Note: You are solely responsible for what you put into your ASKO Washer/Dryer.

Graying or Yellowing

You may need slightly more detergent for heavily soiled or stained clothes or if you have hard water.

Select the hottest temperature recommended for your fabric and wash load.

Pre-wash heavily soiled or stained items.

Reduce size of load so that wet clothes have room to tumble freely.

Be sure to use HE laundry detergent, not "soap."

Install a water filter or use water conditioner weekly if water contains excessive iron or manganese.

Lint or residue on clothes

Separate clothes that shed lint, such as terry cloth and chenille, from clothes that attract lint, such as synthetics, corduroy, velveteen.

Use a low phosphate detergent to reduce residue that can appear to be lint. Install a water softener if possible.

Use fabric softener only as directed, by adding to the softener compartment of the dispenser drawer. Softeners mixed with detergents in the wash cycle can leave a white residue (page 13).

To reduce piling, which can look like lint, turn cotton/polyester blend fabrics inside out and use delicate cycle.

Excessive shrinkage / fabric damage

Follow garment care label instructions carefully. Make sure fabric is washed and dried accordingly.

Some garments can be reshaped by ironing after washing and drying.

Fading and discoloration ...use appropriate wash programs

Wash in cool or cold water to retain dark or bright colors.

Separate dark items from light items. Dark clothes, especially cottons, can bleed into wash water. White and light-colored clothes may absorb these dyes.

Always empty pockets before washing.

Stains

Select Heavy Stain program for the appropriate fabric type (Normal or Synthetics). Protein stains such as milk, egg, blood and soy should be washed in cold water. Oily stains should be washed in the hottest water safe for the fabric type.

Old stains may be hard to remove. Treat stains promptly and do not set stains by drying or ironing fabrics until stains are completely removed.

Excessive wrinkling

Do not overfill machine. Wash synthetic fabrics items in half loads to minimize wrinkling.

Use the correct wash program temperature setting for fabric type.

Synthetics press items in smaller loads. Do not mix with heavy items such as towels or jeans.

Snags, tears, excessive wear

Empty all pockets and turn inside out before washing.

Fasten all hooks, snaps and zippers to avoid snags. Remove sharp buckles.

Wash knits inside out.

Do not wash items soiled with harsh chemicals (hair care products, cleaning solutions, etc.) with towels or other items that can be damaged by the chemicals.

Mend items before laundering.

Wash synthetics press items in smaller loads. Do not mix with heavy items such as towels or jeans.

Where's the lint filter?

We refer to this feature as a coin-trap. Its conveniently located on the lower right side of the front panel for easy access. This important feature prevents any items (coins, pins, etc) left in your pockets from damaging the drain pump. This coin-trap should be cleaned at least 4 times each year (more often with heavy family use).

Wash & Dry load examples.

With traditional washer and dryer products, the dryer tub is twice the size of the washer to allow for the clothes to tumble freely. With your ASKO combination washer / dryer product, you wash and dry in the same tub (2.5 cu. ft). If you wash a full load (15lbs), you need to remove half (7.5 lbs) of the fabric before starting a dry program. When you select the combination mode (wash to dry automatically), load the tub to accommodate this half load requirement.

Denim load 5 items (half-load) 2 HOURS DRY TIME

- 1 Blouse
- 1 Dress
- 3 Pair Blue Jeans

Bath towels 5 towels 48" x 29" 2 HOURS DRY TIME

Dry times will vary with load sizes, however these items are the heaviest items to dry and are a good barometer.

Bedding 5 items 2 HOURS DRY TIME

- 1 King Fitted Sheet
- 2 King Pillow Cases
- 2 Perma Press shirts or blouses

(For best results wash and dry the flat and fitted sheets separately)

* load sizes are estimates. Your results might vary based on fabric type and load size.

PRODUCT WARRANTY

Model WCAM 1812

Complete the Warranty Registration Card that came with your appliance and mail it to AM Appliance Group to validate your appliance warranty. Report cosmetic damage to your dealer within five days from date of purchase. Thoroughly check for cosmetic damage after unpacking the unit.

WARRANTY FOR RESIDENTIAL INSTALLATIONS:

For Single-Family Residential installations in the continental U.S. and Canada (excluding Puerto Rico).

Three Year Full Warranty from date of purchase.

AM Appliance group covers ASKO replacement parts and/or repair labor to correct defect in materials or workmanship. Service must be provided by an authorized ASKO service agent.

Fourth and Fifth Year Limited Warranty from date of purchase.

AM Appliance group covers ASKO replacement parts (labor costs not included) for any defective solid-state controls, timers, motors, or pumps. Service must be provided by an authorized ASKO service agent.

Lifetime Limited Warranty from date of purchase.

AM Appliance group covers ASKO replacement parts (labor not included) of the stainless steel tank if it fails to hold water due to a manufacturing defect, such as rusting or cracking. Service must be provided by an authorized ASKO service agent.

WARRANTY FOR NON-RESIDENTIAL INSTALLATIONS:

For Non-Residential installations in the continental U.S. and Canada (excluding Puerto Rico).

(Apartment, Time Share, Multi-Housing applications)

One-Year Full Warranty from date of purchase

AM Appliance Group covers ASKO replacement parts and/or repair labor to correct defect in materials or workmanship. Service must be provided by an authorized ASKO service agent.

Exclusions to warranty. AM Appliance group will not pay for:

1. Service calls to:
 - Correct improper installation of the appliance.
 - Repair damage due to shipment, delivery, installation, misuse or abuse.
 - Instruct how to use the appliance.
 - Replace house fuses or correct house wiring.

- Correct house plumbing, including drainage problems related to improper installation.
 - Clean or service air device in drain line.
2. Repair and/or replacement parts for failure of product if appliance is used for other than residential use.
 3. Damage resulting from accident, fire, floods, acts of God, alteration, misuse, abuse, improper installation or installation not in accordance with local electrical or plumbing codes.
 4. Any shipping costs for parts during the limited warranty period.
 5. Replacement parts or repair labor costs for units operated outside the continental United States.
 6. Pickup and delivery. ASKO appliances are designed for repair in the home.

IN NO EVENT SHALL AM APPLIANCE GROUP BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states will not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

For warranty service, contact our Customer Care center at the number below. Service will be provided during normal business hours. Should you have a service problem that cannot be resolved locally, contact AM Appliance Group at the numbers listed below. Before calling for service or contacting AM Appliance Group regarding a warranty issue, make a note of the model number, serial number and date of purchase.

Write to us at:

AM Appliance Group
P. O. Box 851805
Richardson, Texas 75085-1805
www.askousa.com

Or call:

Customer Care Center at
800-898-1879

NOTES





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