

REQUIRED MAINTENANCE

FILTERS:

(The maintenance obligations below must be performed on a regular basis or as needed to protect warranty status)

If the filters become heavily coated with hair and/or dirt, it will reduce the air output of your dryer and can cause damage to the motor or cause the motor to overheat.

**Never operate the dryer without filter in place.*

Filter Cleaning: The top filter may be cleaned after each use by wiping away hair that is on the filter. The filter must periodically be shaken out, or vacuumed off to remove excessive dirt, hair and dander that is in the filter. The filter may also be washed with water and mild soap. Let dry completely before installing back on the dryer. (Never run dryer without filter in place.)

Cleaning Dryer Interior: Dust will accumulate inside the dryer. Blow clean as needed using a Challengair Forced Air Dryer or suitable high pressure air outlet.

Any maintenance not explained in this manual should be performed by **Double K Industries**, or an Authorized Service Center. Call **Double K Industries** for the name of an Authorized Service Center nearest you. All warranty service must be performed by an Authorized Service Center (or **Double K Industries**) to protect your warranty status.

DOUBLE[™] CHALLENGAIR[™] INDUSTRIES



9000 II Animal Dryer

INSTRUCTION MANUAL

PLEASE READ ALL INSTRUCTIONS AND SAFETY PRECAUTIONS BEFORE OPERATING PRODUCT!

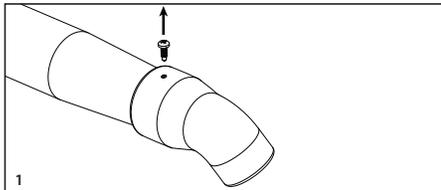
SAVE FOR FUTURE REFERENCE; WARRANTY PERTINENT CONTENT.

Product Specifications: Model - 9000 II

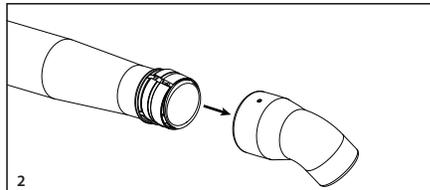
Voltage - 115v	Voltage - 230v
Amperage - 16.08	Amperage - 16.08
Wattage - 1849.2	Wattage - 3698.4
Hertz - 60	Hertz - 50
RPM - 3450	RPM - 2850
Horse Power - 1/3	Horse Power - 1/3
Product Air Vol. - 260CFM	Product Air Vol. - 240CFM

Instructions for Changing the Arm Extension Sleeve (PN 7046A) and Arm Nozzle (PN 7007) on 9000 Series Dryers

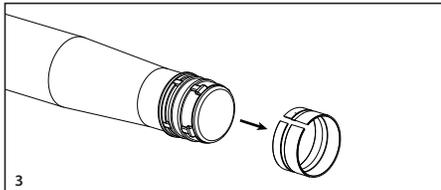
*Use of Safety Gloves is advisable as internal metal components may have small burrs that can cut bare skin.



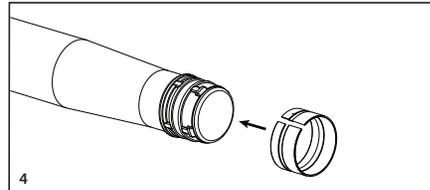
Carefully remove the Nozzle Retaining Screw (PN 7073) from your Dryer Assembly and put it aside.



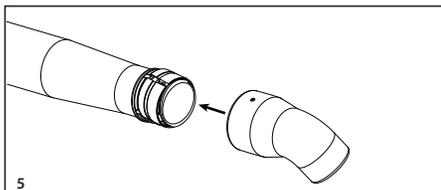
Pull firmly on the Arm Nozzle (PN 7007) to disengage it from the Arm Extension (PN 7045). Heating with hair dryer may ease this process.



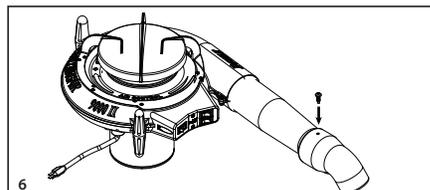
Pull firmly on the Arm Extension Sleeve (PN 7046A) to remove it.



Push on the replacement Arm Extension Sleeve that is included in your Arm Nozzle Replacement Kit.



Slide the replacement Arm Nozzle back over the Arm Extension Sleeve.



Reinstall the Nozzle Retaining Screw. Drive the screw until it contacts the metal groove underneath. Do not over-tighten.

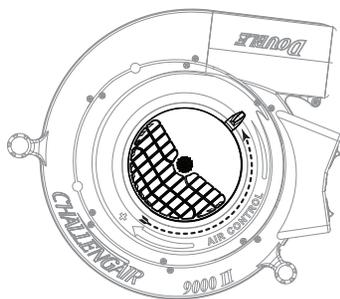
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IMPORTANT SAFEGUARDS

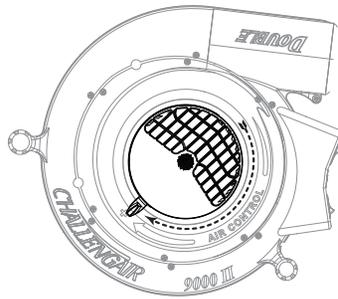
WARNING: IMPORTANT SAFETY PRECAUTIONS! PLEASE READ COMPLETELY BEFORE USING PRODUCT!

When using electrical appliances, especially in the presence of children and animals, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including, but not limited to the following:

1. Only use product for its intended purpose: animal drying.
2. Unplug unit when not in use.
3. Do not use extension cords with dryer.
4. Do not unplug unit by pulling on cord.
5. Do not expose dryer to rain or water.
6. Do not use or store dryer where it can fall or be pulled into tub or sink or standing water. If dryer falls into water... UNPLUG IT... Do not reach into the water!
7. Unplug unit before attempting any maintenance or service.
8. Do not put any object into dryer openings.
9. Keep loose clothing, jewelry and hair away from dryer openings.
10. Do not direct dryer air towards eyes or ears of people.
11. Never use dryer if it has a damaged cord or plug, has been dropped, damaged, exposed to rain or water. Return to **Double K Industries** or an Authorized Service Center for service.
12. Recommended operation by adults only. Use caution when working around children.
13. Use only attachments recommended by **Double K Industries**.
14. Do not operate without filters in place. Keep filters clean, as dirty filters limit air intake and may damage the motor or cause overheating.
15. Plug only into a properly grounded receptacle. Always make sure the amperage of the electrical outlet is sufficient for the amperage rating of the product. (See Product Specifications for amperage rating of this product).
16. Do not attempt to perform any service or maintenance not outlined in instruction manual.
17. Do not attempt any product modifications or alterations. Do not use, if any parts or switches are damaged - send to an Authorized Service Center or **Double K Industries** for service.
18. When servicing, use only **Double K Industries** parts.



Minimum Airflow Position



Maximum Airflow Position

(View with Sound Cap removed to show lever position)

ASSEMBLY:

Dryer and Stand

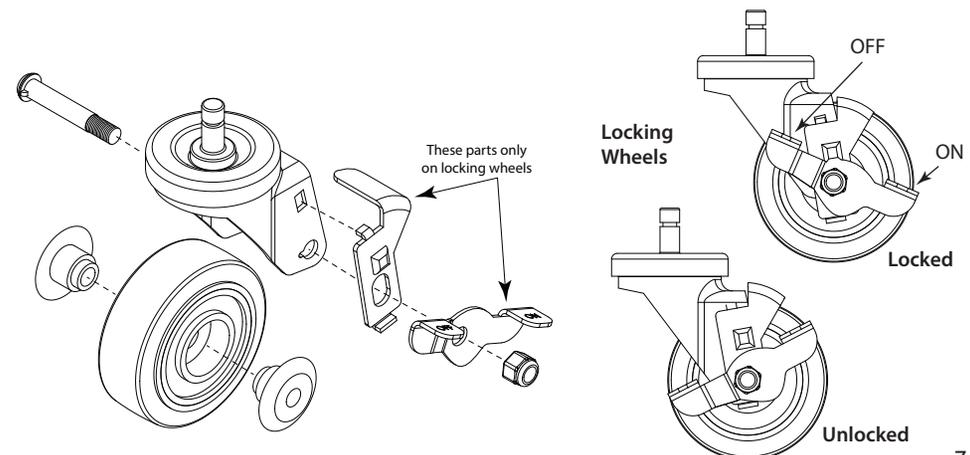
The stand tube assembly is pre-assembled and wrapped in paper. The stand tube assembly is compressed and held in position by the center clamp. Loosen the handle on the clamp and allow the spring to extend the tube assembly. Place the end of the larger outer tube down into the center of the stand base. Twist and push down firmly (see ref #55, 57 on parts diagram). On the dryer head assembly, move the yoke to a 90-degree angle to the dryer. Lift the dryer and position over the assembled stand and slide the tube of the yoke into the upper stand tube (see ref #49, 53). With clamping handle still loose, raise or lower dryer to desired height and tighten stand adjustment handle as explained in the next paragraph (see ref #45).

Stand Height Adjustment and Dryer Angle Adjustment:

Your dryer has "ratchet" type adjustment handles on the stand and the dryer. To tighten an adjustment handle, turn the handle clockwise as far as is comfortable. As necessary, for additional tightening, pull the handle out to disengage the "ratchet" and while keeping the handle pulled out, turn the handle counter-clockwise to a suitable position for continued tightening. Release the handle to engage the "ratchet" again and repeat these procedures until the adjustment handle is tight. Reverse the turning direction of these actions to loosen an adjustment handle. **NOZZLE:** The nozzle at the end of the extension arm may be rotated to change the direction of the airflow. Simply rotate nozzle to the desired direction (see ref #42).

Optional Attachment: A hose and nozzle kit is available for the **Challengair 9000 II**. To attach the hose to the dryer, insert hose end into the arm extension nozzle. To attach nozzles to the hose, simply push nozzle securely onto the hose end.

Dryer Stand: Your dryer stand has two locking casters to keep the dryer from rolling inadvertently. To lock wheels, press down on the lock arm that has "ON" engraved on it. To unlock, press down on the lock arm that has "OFF" engraved (see below). For long life and smoother operation, avoid rolling casters through hair that has fallen on the floor.



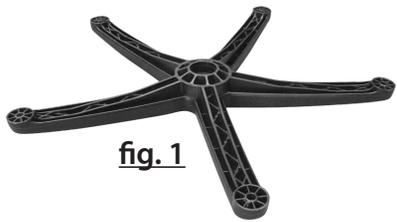


fig. 1

INSTRUCTIONS FOR INSTALLATION OF WHEELS INTO BASE.

Place base on ground or sturdy table with open side facing up. (fig. 1)

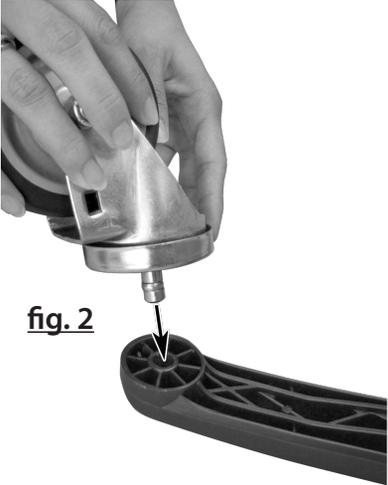


fig. 2

Line up post on wheel assembly with hole in base. (fig.2)



fig. 3

Placing a cloth between your hand and the wheel assembly to protect hand from sharp edges, press firmly in a downward direction, using your body weight to push wheel post into base (fig.3)



fig. 4

Locking Wheel Placement.
Leave at least one non-locking wheel between the 2 locking wheels so that they are not next to each other. (fig.4)

CONGRATULATIONS!

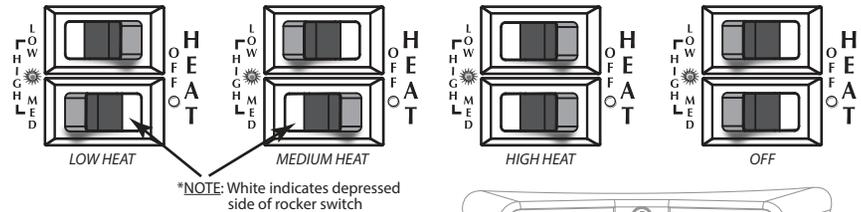
You've just purchased the **Double K CHALLENGAIR 9000 II**, which produces large volumes of warm air under pressure to make all of your animal drying tasks easier. Your new dryer is designed to provide long, reliable service.

Please read this manual carefully and completely before beginning operation of your dryer and keep in a convenient and safe place for future reference.

A warranty card is included with your dryer and should be filled out completely and mailed to **Double K Industries** within 30 days of the purchase date of your dryer to validate your warranty. Online registration available at www.DoubleKIndustries.com.

Your **CHALLENGAIR 9000 II** has a two year warranty covering the unit against defects in materials and workmanship. Regular maintenance items such filters are not included (see warranty card for complete warranty information). It is also important to retain your sales receipt as proof of purchase should service ever be needed.

Limitations - Warranty does not cover shipping or transportation costs. Warranty applies to original purchaser only. Proof of date of purchase is required. Warranty is void if registration card is not mailed within 30 days of purchase or delivery. Warranty does not cover abuse, accidents, acts of war, dropped product, improper voltage, disassembly or alteration. Disassembly, repair or service by anyone other than **Double K Industries** or a Double K Industries authorized service center will void the warranty.



Operation:

Switches and Controls:

Your dryer has three rocker switches.

- To turn the dryer on: Flip the left switch to the "ON" position.
- To turn the dryer off: Flip the left switch to the "OFF" position.

Heat Control:

- **Low Heat:** Flip the top right switch to the "LOW" position while the bottom right switch is in the off position.
- **Medium Heat:** Flip the bottom right switch to the "MED" position while the top right switch is in the off position.
- **High Heat:** Flip both switches to "LOW" and "MED" position.
- **To Turn Off Heat:** Flip both switches to the "OFF" position.

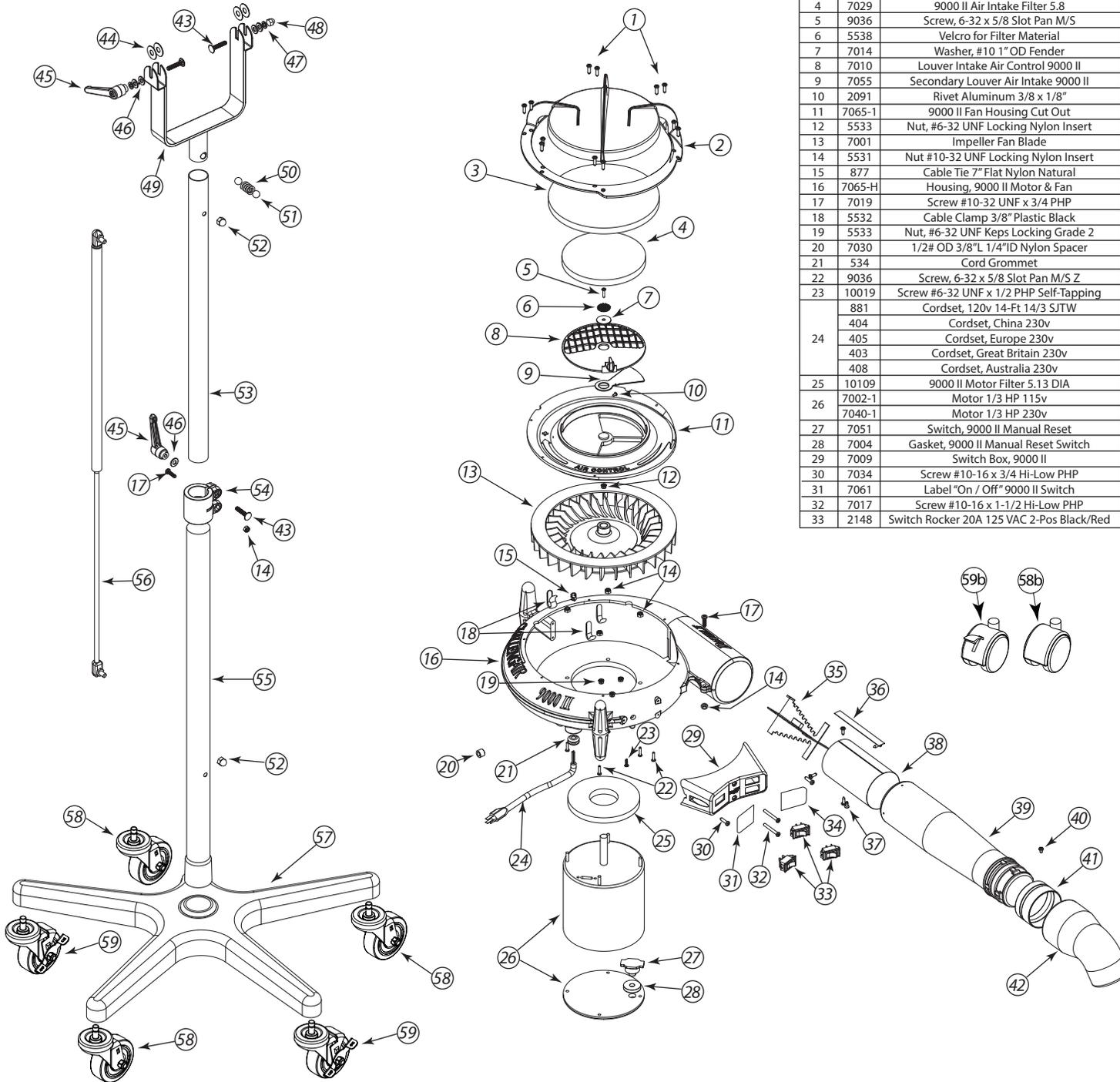
Air Control: The air volume on your dryer is controlled by the baffle wheel located under the filter on the top of the dryer. Rotate the lever attached to the wheel clockwise to reduce the air and counterclockwise to increase the air volume (see ref #9).

NOTE: The heat will also change as you increase or decrease the air volume, so you may want to adjust the heat setting together with the air volume to achieve the desired combination of air temperature and volume.



9000II

EXPLODED DIAGRAM



9000II PARTS LIST

Item#	Part#	DESCRIPTION	Qty.	Item#	Part#	DESCRIPTION	Qty.	
1	7020	Screw #8-16 x 5/8 Hi-Low PHP	12	34	7062	Label, 9000 II Heat Control, Two-Switch	1	
2	7032	Sound Cap, 9000 II	1	35	7044	115v Heating Element w/Fuse	1	
3	7049	9000 II Sound Absorbing Disc	1	36	7052	230v Heating Element w/Fuse	1	
4	7029	9000 II Air Intake Filter 5.8	1	37	10122	Graphite Tape .015 x 1.0 x 50'	1	
5	9036	Screw, 6-32 x 5/8 Slot Pan M/S	1	38	9003	Screw #8 x 1/2 Sht, Metal PHP	4	
6	5538	Velcro for Filter Material	1	39	7054	Shield For Heating Element	1	
7	7014	Washer, #10 1" OD Fender	1	40	7066-1	9000 II Arm Extension	1	
8	7010	Louver Intake Air Control 9000 II	1	41	7073	8-32 x .25 Machine Screw	1	
9	7055	Secondary Louver Air Intake 9000 II	1	42	7046A	Sleeve, 9000 II Arm Ext. 3"OD	1	
10	2091	Rivet Aluminum 3/8 x 1/8"	1	43	7065-A	Nozzle Directional, 9000 II Arm	1	
11	7065-1	9000 II Fan Housing Cut Out	1	44	7015	Bolt Screw 1/4-20 UNC x 1-1/4 Carriage	3	
12	5533	Nut, #6-32 UNF Locking Nylon Insert	4	45	7013	Washer, 1.0 ODx.378 IDx.030 THK	4	
13	7001	Impeller Fan Blade	1	46	7033	Handle Lever Adj. Black	2	
14	5531	Nut #10-32 UNF Locking Nylon Insert	6	47	10031	Washer, 1/4 SAE Flat Pltd	5	
15	877	Cable Tie 7" Flat Nylon Natural	1	48	967	Washer Split Lock 1/4"	2	
16	7065-H	Housing, 9000 II Motor & Fan	1	49	7031	Nut Acorn 1/4-20 UNC Zinc Plate	1	
17	7019	Screw #10-32 UNF x 3/4 PHP	2	50	7011	9000 II Mounting Fork Black	1	
18	5532	Cable Clamp 3/8" Plastic Black	3	51	7048	Mounting Fork Spring Compression	1	
19	5533	Nut, #6-32 UNF Keps Locking Grade 2	3	52	7047	1/2" Steel Ball, Mounting Fork	2	
20	7030	1/2" OD 3/8" L 1/4" ID Nylon Spacer	2	53	808	Nut 5/16-18 UNC Nickel Plated	2	
21	534	Cord Grommet	1	54	838A	Tube, 24" Inner Dryer Stand	1	
22	9036	Screw, 6-32 x 5/8 Slot Pan M/S Z	2	55	7003	Clamp Stand Height Adjust	1	
23	10019	Screw #6-32 UNF x 1/2 PHP Self-Tapping	1	56	9020A	Tube, 30" Outer Dryer Stand	1	
24	881	Cordset, 120v 14-Ft 14/3 SJTW	1	57	830-1	Gas Spring 36", Lift-O-Mat	1	
	404	Cordset, China 230v			58	9023	Stand Base, 26" 5-Leg Black	1
	405	Cordset, Europe 230v			59	7064	Caster 3.5" Rubber Wheel	3
	403	Cordset, Great Britain 230v			58b	9021	Caster (prior to 12/13)	3
	408	Cordset, Australia 230v		59	7063	Caster 3.5" Rubber Locking Wheel	2	
25	10109	9000 II Motor Filter 5.13 DIA	1	59b	9022	Locking Caster (prior to 12/13)	2	
26	7002-1	Motor 1/3 HP 115v	1					
	7040-1	Motor 1/3 HP 230v						
27	7051	Switch, 9000 II Manual Reset	1					
28	7004	Gasket, 9000 II Manual Reset Switch	1					
29	7009	Switch Box, 9000 II	1					
30	7034	Screw #10-16 x 3/4 Hi-Low PHP	2					
31	7061	Label "On / Off" 9000 II Switch	1					
32	7017	Screw #10-16 x 1-1/2 Hi-Low PHP	2					
33	2148	Switch Rocker 20A 125 VAC 2-Pos Black/Red	3					

