



Santos Pepper Grinder
Model Santos 01P
Item 46080
Instruction Manual



Revised - 09/22/2022



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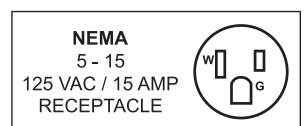


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General Information

Omcan Manufacturing and Distributing Company Inc., Food Machinery of America, Inc. dba Omcan and Omcan Inc. are not responsible for any harm or injury caused due to any person's improper or negligent use of this equipment. The product shall only be operated by someone over the age of 18, of sound mind, and not under the influence of any drugs or alcohol, who has been trained in the correct operation of this machine, and is wearing authorized, proper safety clothing. Any modification to the machine voids any warranty, and may cause harm to individuals using the machine or in the vicinity of the machine while in operation.

CHECK PACKAGE UPON ARRIVAL

Upon receipt of an Omcan shipment please inspect for external damage. If no damage is evident on the external packaging, open carton to ensure all ordered items are within the box, and there is no concealed damage to the machine. If the package has suffered rough handling, bumps or damage (visible or concealed), please note it on the bill of lading before accepting the delivery and contact Omcan within 24 hours, so we may initiate a claim with the carrier. A detailed report on the extent of the damage caused to the machine must be filled out within three days, from the delivery date shown in the shipping documents. Omcan has no recourse for damaged products that were shipped collect or third party.

Before operating any equipment, always read and familiarize yourself with all operation and safety instructions.

Omcan would like to thank you for purchasing this machine. It's of the utmost importance to save these instructions for future reference. Also save the original box and packaging for shipping the equipment if servicing or returning of the machine is required.

Omcan Fabrication et distribution Compañie Limité et Food Machinery d'Amérique, dba Omcan et Omcan Inc. ne sont pas responsables de tout dommage ou blessure causé du fait que toute personne ait utilisé cet équipement de façon irrégulière. Le produit ne doit être exploité que par quelqu'un de plus de 18 ans, saine d'esprit, et pas sous l'influence d'une drogue ou d'alcool, qui a été formé pour utiliser cette machine correctement, et est vêtu de vêtements de sécurité approprié. Toute modification de la machine annule toute garantie, et peut causer un préjudice à des personnes utilisant la machine ou des personnes à proximité de la machine pendant son fonctionnement.

VÉRIFIEZ LE COLIS DÈS RÉCEPTION

Dès réception d'une expédition d'Omcan veuillez inspecter pour dommages externes. Si aucun dommage n'est visible sur l'emballage externe, ouvrez le carton afin de s'assurer que tous les éléments commandés sont dans la boîte, et il n'y a aucun dommage dissimulé à la machine. Si le colis n'a subi aucune mauvaises manipulations, de bosses ou de dommages (visible ou cachée), notez-le sur le bond de livraison avant d'accepter la livraison et contactez Omcan dans les 24 heures qui suivent, pour que nous puissions engager une réclamation auprès du transporteur. Un rapport détaillé sur l'étendue des dommages causés à la machine doit être rempli dans un délai de trois jours, à compter de la date de livraison indiquée dans les documents d'expédition. Omcan n'a aucun droit de recours pour les produits endommagés qui ont été expédiés ou cueilli par un tiers transporteur.

General Information

Avant d'utiliser n'importe quel équipement, toujours lire et vous familiariser avec toutes les opérations et les consignes de sécurité.

Omcan voudrais vous remercier d'avoir choisi cette machine. Il est primordial de conserver ces instructions pour une référence ultérieure. Également conservez la boîte originale et l'emballage pour l'expédition de l'équipement si l'entretien ou le retour de la machine est nécessaire.

Omcan Empresa De Fabricacion Y Distribucion Inc. Y Maquinaria De Alimentos De America, Inc. dba Omcan y Omcan Inc. no son responsables de ningun daño o perjuicio causado por cualquier persona inadecuada o el uso descuidado de este equipo. El producto solo podra ser operado por una persona mayor de 18 años, en su sano juicio y no bajo alguna influencia de droga o alcohol, y que este ha sido entrenado en el correcto funcionamiento de esta máquina, y ésta usando ropa apropiada y autorizada. Cualquier modificación a la máquina anula la garantía y puede causar daños a las personas usando la máquina mientras esta en el funcionamiento.

REVISE EL PAQUETE A SU LLEGADA

Tras la recepcion de un envio Omcan favor inspeccionar daños externos. Si no hay daños evidentes en el empaque exterior, Habra el carton para asegurarse que todos los articulos solicitados estén dentro de la caja y no encuentre daños ocultos en la máquina. Si el paquete ha sufrido un manejo de poco cuidado, golpes o daños (visible o oculto) por favor anote en la factura antes de aceptar la entrega y contacte Omcan dentro de las 24 horas, de modo que podamos iniciar una reclamación con la compañía. Un informe detallado sobre los daños causados a la máquina debe ser llenado en el plazo de tres días, desde la fecha de entrega que se muestra en los documentos de envío. Omcan no tiene ningun recurso por productos dañados que se enviaron a recoger por terceros.

Antes de utilizar cualquier equipo, siempre lea y familiarizarse con todas las instrucciones de funcionamiento y seguridad.

Omcan le gustaría darle las gracias por la compra de esta máquina. Es de la mayor importancia para salvar estas instrucciones para futuras consultas. Además, guarda la caja original y el embalaje para el envío del equipo si servicio técnico o devolución de la máquina que se requiere.

Safety and Warranty

IMPROPER USE

1. Do not use this appliance for grinding anything other than peppers.
2. Never operate the appliance with no peppers in the container.
3. Remove from the peppers any foreign bodies which may damage the grinding wheels (metal staples, stones, etc.).
4. For electrocution risk protection reasons, never plunge the base into water or any other liquid.
5. Use a hose nor a pressure hose for cleaning: this is forbidden.

Safety and Warranty

6. Never touch the moving parts.
7. Unplug the appliance before carrying out any work on it: cleaning, maintenance or repair.
8. Use the appliance if the power cord is damaged. It must be replaced by a special assembly available from an approved Omcan dealer or from Omcan itself.
9. The use of spare parts other than certified Omcan original parts is prohibited.
10. Turn the On/Off switch (13) to "0" when the appliance is not operating.
11. Connect several appliances to the same power socket.
12. Use the appliance outdoors.
13. Never place the appliance close to or on a source of heat.
14. This appliance is a professional machine designed exclusively for professional use. It is not designed for household use.
15. This appliance is not designed for use by people (including children) whose physical, sensorial or mental capacities are impaired or by people with no experience or knowledge, unless they have been supervised or given training in the use of the appliance beforehand by a person responsible for their safety. Supervise children to ensure they do not play with the appliance.
16. This appliance is intended for use in communal areas, e.g. in the kitchens of restaurants, canteens, hospitals and artisan trades such as bakeries, butcher's shops, etc., but not for continuous mass production of food.

The machine should be connected to a standard 2-pole + ground electric socket. The system should be fitted with an RCD and a fuse rated at 16A. The appliance must be grounded.

- Before connecting the machine, check that the mains electrical voltage is the same as the voltage for your appliance. Its value is shown:
 - On the identification plate under the machine.
 - On the identification plate on the last page of this manual.
- Check that the On / Off switch (13) is in the 0 position before connecting the power cable plug to your mains electric power socket (fig. A).

RESIDENTIAL USERS: Vendor assumes no liability for parts or labor coverage for component failure or other damages resulting from installation in non-commercial or residential applications. The right is reserved to deny shipment for residential usage; if this occurs, you will be notified as soon as possible.

1 YEAR PARTS AND LABOUR BENCH WARRANTY

Within the warranty period, contact Omcan Inc. at 1-800-465-0234 to schedule a drop off to either an Omcan authorized service depot in the area, or to an Omcan Service warehouse to repair the equipment.

Unauthorized maintenance will void the warranty. Warranty covers electrical and part failures, not improper use.

Please see <https://omcan.com/disclaimer> for complete info.

Safety and Warranty

WARNING:

The packaging components are classified as normal solid urban waste and can therefore be disposed of without difficulty.

In any case, for suitable recycling, we suggest disposing of the products separately (differentiated waste) according to the current norms.

DO NOT DISCARD ANY PACKAGING MATERIALS IN THE ENVIRONMENT!

Technical Specifications

Model	Santos 01P
Electrical	120V / 60Hz
Power	650W
RPM	1800
Production per Hour	30.9 lbs. / 14 kgs.
Hopper Capacity	2.2 lbs. / 1 kgs.
Drawer Capacity	1.8 lbs. / 0.8 kgs.
Maximum Bag Height	5.9" / 150mm
Dimensions	12.6" x 9.8" x 21.7" / 320 x 250 x 550mm
Packaging Dimensions	16.1" x 11.8" x 22.6" / 410 x 300 x 575mm
Weight	33.1 lbs. / 15 kgs.
Packaging Weight	35.3 lbs. / 16 kgs.
Item Number	46080

Operation

USING THE APPLIANCE

ADJUSTING THE GRIND

- Turn the grinding-wheel gap adjuster button 6 clockwise for a coarser grind and anticlockwise for a finer grind. The factory setting is for the finest grind, the grinding-wheels nearly touching each other.

SERVICING

- Clean the pepper outlet, the pepper holder and the grinding mechanism from time to time. Always turn the appliance off (switch 13 on position 0) and unplug it.

MAINTENANCE

Before carrying out any work on the appliance, it must in all cases be unplugged from the mains power supply and the motor start capacitor discharged.

DISCHARGING THE CAPACITOR

Use a screwdriver with insulated handle to touch the 2 connectors on the capacitor. The appearance of an electric arc shows that the capacitor has discharged.

SPARE PARTS

This machine requires no specific maintenance. The bearings are lubricated for life. If work is required to replace worn parts such as the grindstones or the electric or other components, refer to the parts list (see exploded view at the end of the manual).

PROLONGED PERIODS OF NON-USE

There are no problems with this appliance in the event of prolonged periods of non-use. You are simply advised to clean it before use and check that the components of the appliance are in good condition (e.g. power cord, seals and other spare parts).

REPLACING THE GRINDSTONES

IMPORTANT: always change both 2 grindstones (17) at the same time.

The 2 grinding wheels are identical and can be fitted equally either on the moving plate (18) (moving grinding wheel) or on the cast metal adjustment block (19) (fixed grinding wheel).

1. Stop the machine by putting the switch (13) to "0" and disconnect the power supply cord.
2. Close the shutter (3) on the bean hopper (2). Take off the bean hopper (2).
3. Turn the grinding wheel gap adjuster button (6) clockwise until it comes to a halt at the "COARSE" setting."
4. Unscrew the nuts (16) and remove the whole grinding unit (15), to gain access to the grinding wheels.
5. Change the grinding wheels (3 fastening screws) after carefully cleaning the supporting surfaces.

TAKE CARE: The slightest small pepper particle under the grinding wheel may prevent the machine from operating correctly. It is recommended that the grinder body is cleaned with a compressed air jet or a dry brush.

6. Reassemble the grinding unit (15) and adjust the grinding gap to its minimum setting.

Before tightening the fastening nuts (16) on the grinding unit (15), check that the dial (4) of the grinding wheel adjuster button (6) is set to "COARSE". This precaution is essential to prevent any risk of the grinding wheels being brought too close to each other, which could cause damage to the grinding unit.

Maintenance

ADJUSTING THE MINIMUM GAP BETWEEN THE GRINDING-WHEELS

This should be done after replacing the grinding wheels.

1. Plug the appliance in and run it empty.
2. Unscrew hexagon socket screw (7) on the dial (4) using a 2-mm Allen wrench. Check that the dial (4) is free to rotate without turning button (6).
3. Turn button (6) anticlockwise until the grinding wheels come into contact (a slight sound of friction will be heard) then back one notch in the reverse direction.

ATTENTION This is a delicate operation, and prolonged contact between the grinding wheels should be avoided, since this could damage them.

4. Turn the appliance off by placing switch (13) on "0".
5. Without moving the button (6), place the dial (4) on the "FINE" position then tighten the hexagon socket screw (7) fully home.
6. Run the machine empty to check that the grinding wheels rotate without touching each other on the finest setting. If this is not the case, repeat the above procedure.

FAULT FINDING

In every case: If the problem persists, switch off the power supply to the machine (unplug the cord from the mains socket) and call in the maintenance service or contact a Omcan approved dealer.

THE MACHINE WILL NOT START

- Check: the mains power supply and the condition of the power supply cord.
- Note: the switch should be lit when on the "1" position.
- Check that there are no foreign bodies stuck between the grinding wheels.

THE MACHINE STOPS BECAUSE THE MOTOR HAS OVERHEATED

- The metal casing around the motor unit is hot.
- In the event of overheating, the motor stops.
- The overheating protection system resets automatically; wait for the motor to cool (15 to 30 minutes), before restarting the machine.

THE MACHINE STOPS BECAUSE OF AN OVERLOAD

If the motor is blocked (foreign body, something too hard), the excess current protection system (14), located under the appliance will be triggered automatically and cut off the electrical power to the motor.

- Set the On / Off switch (13) to "0" position, disconnect the appliance.
- Correct the fault then press the excess current protection button (14).
- Press the On/Off switch (13) (position I).

If the problem persists, check the following points:

- Check that the grinding wheels do not touch each other.
- Check the state of wear of the grinding wheels (grinding too fine with worn grinding wheels can result in a motor overload like this).
- If there are no foreign bodies preventing the appliance from working, then check and replace the motor starter relay then the capacitor.

Figure Drawings

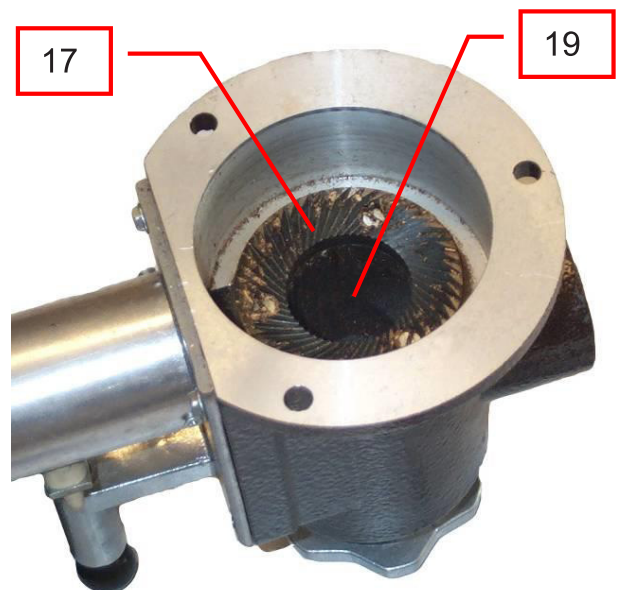
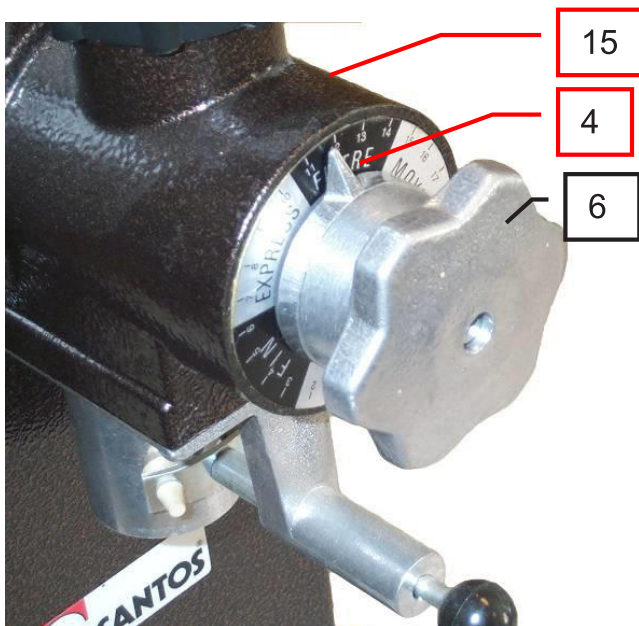
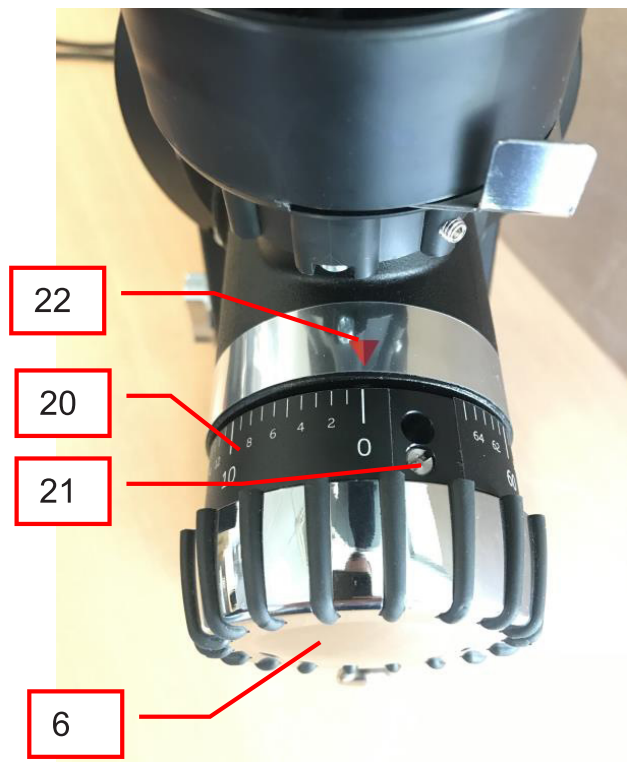
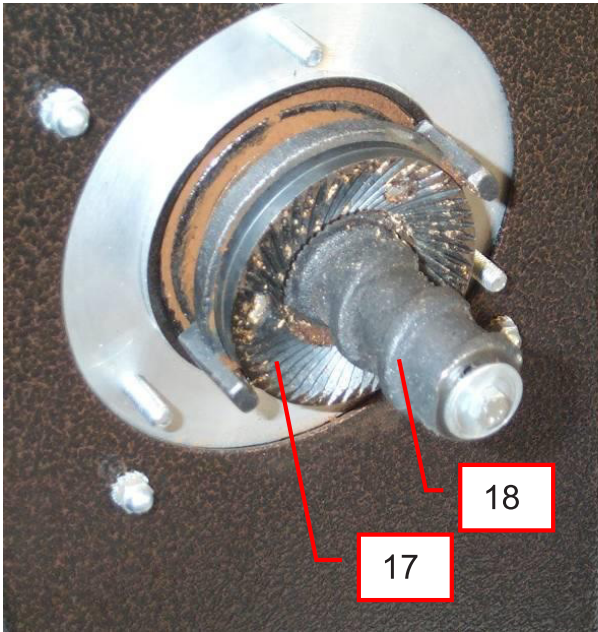
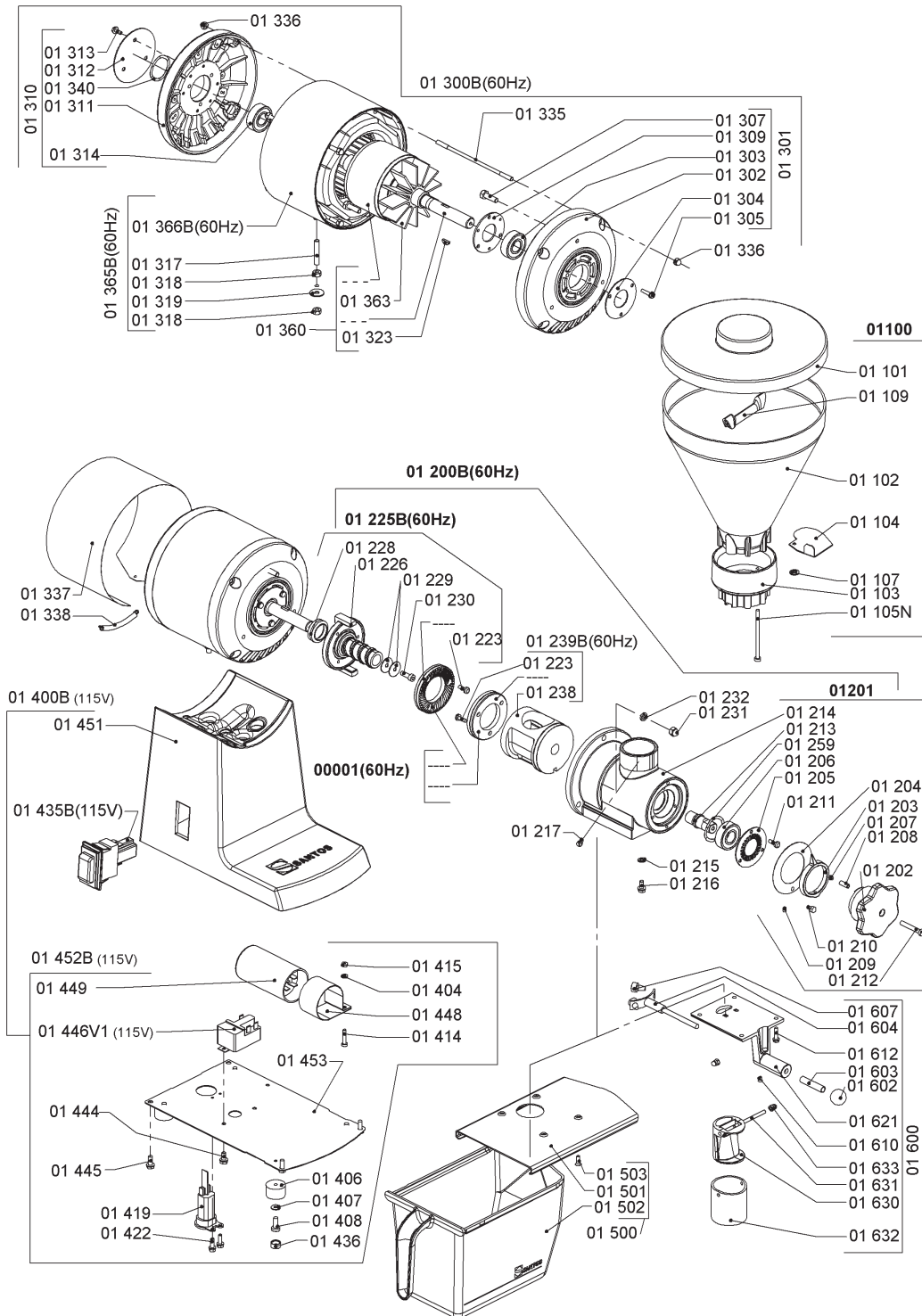


Figure Drawings



Parts Breakdown

Model Santos 01P 46080



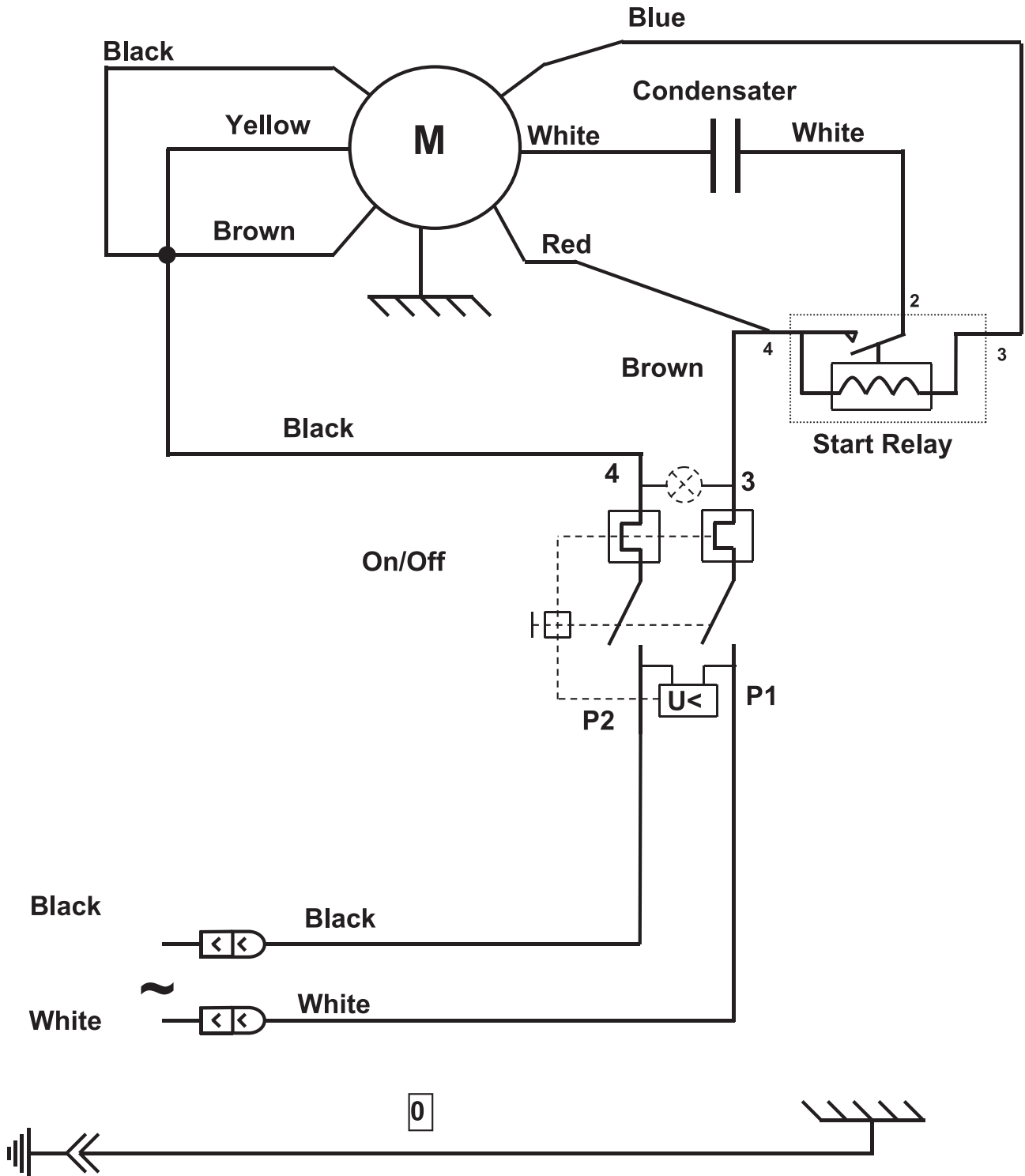
Parts Breakdown

Model Santos 01P 46080

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
40659	Set of 2 Grinding Discs (Standard) for 46080	00001	AC598	Screw CHC 5x15 for 46080	01230	AC647	Washer AZ 4 ZN for 46080	01404
40662	Complete Hopper with Obturator for 46080	01100	AC599	Cap Nut H M6 for 46080	01231	AC648	Rubber Foot D 25 for 46080	01406
63502	Lid for 46080	01101	AC600	Washer Diam 6 for 46080	01232	AC649	Washer 5x12 for 46080	01407
AC566	Hopper for 46080	01102	AK382	Grind Core for 46080	01238	AC650	Screw TCL 5.5x16 ZN for 46080	01408
40663	Obturator for 46080	01103	AK383	Complete Grind Core 60Hz for 46080	01239B	AC655	Capacitor Screw for 46080	01414
AC567	Obturator Handle for 46080	01104	AK384	Ondulated Washer 6202 for 46080	01259	AC656	Nut H M4 ZN for 46080	01415
AK379	Screw CX 4x70 Zn for 46080	01105N	AC617	Complete Motor Single Phase 110V 60Hz for 46080	01300B	AC659	Power Cord with USA Plug for 46080	01419
AC570	Belleville Washer 5x12 for 46080	01107	AC618	Complete Front Flange (Brown) for 46080	01301	AC660	Screw H 4.2x12.7 ZN for 46080	01422
AC571	Safety Bar for 46080	01109	AC619	Front Flange Only (Brown) for 46080	01302	AC661	Special On-Off Multifunctions Switch 230V 8A115V for 46080	01435B
AK380	Complete Grind Housing 60Hz for 46080	01200B	AC620	Bearing 6202 for 46080	01303	AC662	Cap D12.2x6.2 Black for 46080	01436
AC573	Grind Housing with Adjusting Button for 46080	01201	AC621	Bearing Washer (Thin) for 46080	01304	AK385	Screw H 5x10 Zn for 46080	01444
AC574	Adjusting Button for 46080	01202	AC622	Screw M4x16 for 46080	01305	AC667	Screw H M5x12 ZN Autotator for 46080	01445
AC575	Index for 46080	01203	AC623	Screw H M6x20 ZN for 46080	01307	AK386	Starting Relay 100-120V 50/60Hz for 46080	01446V1
AC576	Graduated Round Plate for 46080	01204	AC624	Bearing Washer (Thick) for 46080	01309	AC669	Capacitor Ring D46 for 46080	01448
AC577	Bearing Washer for 46080	01205	AC625	Complete Rear Flange for 46080	01310	AK387	Capacitor 75 µF Diam 46 for 46080	01449
AC578	Bearing 6202 for 46080	01206	AC626	Rear Flange Only Brown for 46080	01311	AC670	Painted Base for 46080	01451
AC579	Steel Ball D 6 for 46080	01207	AC627	Chromed Bearing Washer for 46080	01312	AC671	Complete Bottom Plate 115V for 46080	01452B
AC580	Adjusting Button Spring for 46080	01208	AC628	Screw H 4x10 for 46080	01313	AC672	Bottom Plate for 46080	01453
AC581	Screw HC M4x8 for 46080	01209	AC629	Bearing 6202 for 46080	01314	AC683	Complete Drawer with Sustainer+Screws for 46080	01500
AC582	Screw H 4x8 ZN for 46080	01210	AC632	Screw 6x35 for 46080	01317	AC684	Drawer Sustainer Only for 46080	01501
AC583	Screw H 4x8 ZN for 46080	01211	AC633	Nut H M6 ZN for 46080	01318	40667	Grater Drawer for 46080	01502
AC584	Screw CB M5x35 ZN for 46080	01212	AC634	Washer 6x18x1 for 46080	01319	AC685	Screw TF M4x10 ZN for 46080	01503
AC585	Grind Adjustment Screw for 46080	01213	AC635	Pin 3x5 for 46080	01323	AC686	Complete Bag Holder for 46080	01600
AC586	Grind Housing for 46080	01214	AC636	Assembling Threaded Rod M5x134 for 46080	01335	AC688	Bakelite Ball for 46080	01602
AC587	Washer AZ 5 for 46080	01215	AC637	Cap Nut H M5 for 46080	01336	AC689	Bag Holder Spring for 46080	01603
AC588	Screw H 5x10 ZN for 46080	01216	AC638	Stainless Steel Motor Protector for 46080	01337	AC690	Complete Bag Holder Axle for 46080	01604
AC589	Screw CB M4x10 ZN for 46080	01217	AC639	Motor Protector Spring for 46080	01338	AC691	Rubber Buffer D12 H 7.5 for 46080	01607
AC593	Screw M4x10 for 46080	01223	AC640	Ondulated Washer 6202 for 46080	01340	AC693	Screw FZ M3x6 for 46080	01610
AK381	Complete Feeding Screw (Pepper) 60Hz for 46080	01225B	AC641	Complete Rotor with Shaft - Single Phase and Pin for 46080	01360	AK388	Bag Holder Sole for 46080	01621
AC595	Feeding Screw for 46080	01226	AC642	Complete Stator (Winding) 110V 60Hz for 46080	01365B	AK389	Pepper Output for 46080	01630
AC596	V Ring Gasket V20 for 46080	01228	AC643	Stator Only Single Phase 110V 60Hz for 46080	01366B	AK390	Outlet Chute Axle for 46080	01631
AC597	Washer 5x20 for 46080	01229	AC644	Complete Base - 1 Phase 110-120V 60 Hz for 46080	01400B	AK391	Bag Holder Tube (Polished) for 46080	01632

Electrical Schematics

Model Santos 01P 46080



Notes



Warranty Registration

Thank you for purchasing an Omcan product. To register your warranty for this product, complete the information below, tear off the card at the perforation and then send to the address specified below. You can also register online by visiting:

Merci d'avoir acheté un produit Omcan. Pour enregistrer votre garantie pour ce produit, complétez les informations ci-dessous, détachez la carte au niveau de la perforation, puis l'envoyer à l'adresse spécifiée ci-dessous. Vous pouvez également vous inscrire en ligne en visitant:

Gracias por comprar un producto Omcan usted. Para registrar su garantía para este producto, complete la información a continuación, cortar la tarjeta en la perforación y luego enviarlo a la dirección indicada a continuación. También puede registrarse en línea en:

<https://omcan.com/warranty-registration/>

For mailing in Canada

Pour postale au Canada

Por correo en Canadá

OMCAN

PRODUCT WARRANTY REGISTRATION

3115 Pepper Mill Court,

Mississauga, Ontario

Canada, L5L 4X5

For mailing in the US

Pour diffusion aux États-Unis

Por correo en los EE.UU.

OMCAN

PRODUCT WARRANTY REGISTRATION

4450 Witmer Industrial Estates, Unit 4,

Niagara Falls, New York

USA, 14305

or email to: service@omcan.com



Purchaser's Information

Name: _____

Address: _____

City: _____ Province or State: _____ Postal or Zip: _____

Country: _____

Dealer from which Purchased: _____

Dealer City: _____ Dealer Province or State: _____

Invoice: _____

Model Name: _____ Model Number: _____

Machine Description: _____

Date of Purchase (MM/DD/YYYY): _____

Would you like to extend the warranty? Yes No

Company Name: _____

Telephone: _____

Email Address: _____

Type of Company:

Restaurant Bakery Deli

Butcher Supermarket Caterer

Institution (*specify*): _____

Other (*specify*): _____

Serial Number: _____

Date of Installation (MM/DD/YYYY): _____

Thank you for choosing Omcan | Merci d'avoir choisi Omcan | Gracias por elegir Omcan



Since 1951 Omcan has grown to become a leading distributor of equipment and supplies to the North American food service industry. Our success over these many years can be attributed to our commitment to strengthen and develop new and existing relationships with our valued customers and manufacturers. Today with partners in North America, Europe, Asia and South America, we continually work to improve and grow the company. We strive to offer customers exceptional value through our qualified local sales and service representatives who provide convenient access to over 6,500 globally sourced products.

Depuis 1951 Omcan a grandi pour devenir un des “leaders” de la distribution des équipements et matériel pour l’industrie des services alimentaires en Amérique du Nord. Notre succès au cours de ces nombreuses années peut être attribué à notre engagement à renforcer et à développer de nouvelles et existantes relations avec nos clients et les fabricants de valeur. Aujourd’hui avec des partenaires en Amérique du Nord, Europe, Asie et Amérique du Sud, nous travaillons continuellement à améliorer et développer l’entreprise. Nous nous efforçons d’offrir à nos clients une valeur exceptionnelle grâce à nos ventes locales qualifiées et des représentants de service qui offrent un accès facile à plus de 6500 produits provenant du monde entier.

Desde 1951 Omcan ha crecido hasta convertirse en un líder en la distribución de equipos y suministros de alimentos en América del Norte industria de servicios. Nuestro éxito en estos años se puede atribuir a nuestro compromiso de fortalecer y desarrollar nuevas relaciones existentes con nuestros valiosos clientes y fabricantes. Hoy con socios de América del Norte, Europa, Asia y América del Sur, que trabajan continuamente para mejorar y crecer la empresa. Nos esforzamos por ofrecer a nuestros clientes valor excepcional a través de nuestro local de ventas y representantes de los servicios que proporcionan un fácil acceso a más de 6,500 productos con origen a nivel mundial.

