



User Manual

Tumble dryer

D783
Type N2...



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WARRANTY CLAIMS

Wascomat's Technical Support Staff will honor valid manufacturer's parts warranty claims providing your Wascomat machines are registered for warranty coverage upon installation. If they are not registered, you can validate your warranty claim by providing information about when and where you purchased the Wascomat machine(s), the model and serial number(s). Additional warranty proof may also be required.



WARNING:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death or property damage.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS:

- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Clear the room, building or area of all occupants.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

The above information; "What to do if you smell gas", shall be posted in a prominent location. The information to be posted shall be obtained by consulting with the local gas supplier.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

The above information; "For your safety", shall be posted in a prominent location.

WARNING: The dryer is intended for use only with fabrics that have been washed with water.

WARNING: To avoid fire hazard, do not dry articles containing foam rubber or similarly textured rubberlike materials.

WARNING: ALL OPERATING AND MAINTENANCE PROCEDURES SHOWN ON THE NEXT PAGE OF THIS MANUAL MUST BE FOLLOWED DAILY FOR PROPER OPERATION OF YOUR MACHINE.

MAKE CERTAIN TO KEEP THIS MANUAL IN A SECURE PLACE FOR FUTURE REFERENCE.

PLEASE ENTER THE FOLLOWING INFORMATION AS IT APPEARS ON THE MACHINE(S) DATA PLATE(S).

MACHINE TYPE OR MODEL	
MACHINE SERIAL NUMBER(S)	
ELECTRICAL CHARACTERISTICS: _____ VOLTS, _ _____ PHASE, _____ HZ.	

Warning: For your safety the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personnel injury or death.

NOTICE TO: OWNERS, OPERATORS AND DEALERS

IMPROPER INSTALLATION AND INADEQUATE MAINTENANCE, POOR HOUSEKEEPING AND WILLFUL NEGLECT OR BYPASSING OF SAFETY DEVICES MAY RESULT IN SERIOUS ACCIDENTS OR INJURY. TO ASSURE THE SAFETY OF CUSTOMERS AND/OR OPERATORS OF YOUR MACHINE, THE FOLLOWING MAINTENANCE CHECKS MUST BE PERFORMED ON A DAILY BASIS.

1. **Prior to operation of the machine**, check to make certain that all operating instructions and warning signs are affixed to the machine and legible. Missing or illegible ones must be replaced immediately. Be sure you have spare signs and labels available at all times. These can be obtained from your dealer.
2. **Check the door safety interlock, as follows:**
 - a. OPEN THE DOOR of the machine and attempt to start in the normal manner:
For coin-operated models, insert the proper coins to start the machine.
For manually operated models, place the ON-OFF switch in the ON position and press the Start switch.

THE MACHINE(S) MUST NOT START !

- b. CLOSE THE DOOR to start machine operation and, while it is operating, attempt to open the door without exerting extreme force on the door handle. The door should remain locked!
If the machine can start with the door open, or can continue to operate with the door unlocked, the door interlock is no longer operating properly. The machine **must** be placed **out of order** and the interlock immediately replaced.
3. DO NOT UNDER ANY CIRCUMSTANCES ATTEMPT TO BYPASS OR REWIRE ANY OF THE MACHINE SAFETY DEVICES AS THIS CAN RESULT IN SERIOUS ACCIDENTS.
4. **Be sure to keep the machine(s) in proper working order:** Follow **all** maintenance and safety procedures. Further information regarding machine safety, service and parts can be obtained from your dealer.
All requests for assistance must include the model, serial number and electrical characteristics as they appear on the machine identification plate. Insert this information in the space provided on the previous page of this manual.
5. **WARNING:** DO NOT OPERATE MACHINE(S) WITH SAFETY DEVICES BYPASSED, REWIRED OR INOPERATIVE! DO NOT OPEN MACHINE DOOR UNTIL DRUM HAS STOPPED ROTATING!



AVERTISSEMENT :

RISQUE D'INCENDIE OU D'EXPLOSION

Si les avertissements de sécurité ne sont pas suivis à la lettre, cela risque d'entraîner des blessures graves, la mort ou des dégâts matériels.

Ne stockez pas et n'utilisez pas de carburant ou tout autre liquide ou vapeur inflammable à proximité de cet appareil ou de tout autre appareil similaire.

QUE FAIRE SI VOUS SENTEZ DU GAZ:

- **N'allumez aucun appareil.**
- **Ne touchez pas aux interrupteurs électriques. N'utilisez aucun téléphone dans le bâtiment.**
- **Évacuez la pièce, le bâtiment ou la zone.**
- **Contactez immédiatement votre fournisseur de gaz avec le téléphone d'un voisin. Suivez les instructions fournisseur de gaz.**
- **Si vous ne parvenez pas à joindre votre fournisseur de gaz, appelez les pompiers.**

L'installation et l'entretien doivent être effectués par un installateur agréé, un centre d'entretien ou le fournisseur de gaz.

Les informations ci-dessus, « Que faire si vous sentez du gaz », doivent être affichées à un endroit bien visible. Pour savoir quelles informations afficher, consultez votre fournisseur de gaz local.

POUR VOTRE SÉCURITÉ

Ne stockez pas et n'utilisez pas de carburant ou tout autre liquide ou vapeur inflammable à proximité de cet appareil ou de tout autre appareil similaire.

Les informations ci-dessus, « Pour votre sécurité », doivent être affichées à un endroit bien visible.

AVERTISSEMENT : Le séchoir est destiné à être utilisé uniquement avec des tissus qui ont été lavés à l'eau.

AVERTISSEMENT : Pour éviter tout risque d'incendie, ne séchez pas d'articles contenant du caoutchouc mousse ou des matériaux texturés similaires au caoutchouc.

AVERTISSEMENT : TOUTES LES PROCÉDURES DE FONCTIONNEMENT ET DE MAINTENANCE INDICÉES À LA PAGE SUIVANTE DE CE MANUEL DOIVENT ÊTRE SUIVIES QUOTIDIENNEMENT POUR GARANTIR LE BON FONCTIONNEMENT DE VOTRE MACHINE.

GARDEZ CE MANUEL DANS UN ENDROIT SÉCURISÉ POUR RÉFÉRENCE ULTÉRIEURE.

VEUILLEZ ÉCRIRE LES INFORMATIONS SUIVANTES QUI FIGURENT SUR LA OU LES PLAQUES SIGNALÉTIQUES DE LA OU DES MACHINES.

TYPE OU MODÈLE DE MACHINE	
NUMÉRO(S) DE SÉRIE DE LA OU DES MACHINES	
CARACTÉRISTIQUES ÉLECTRIQUES : _____ VOLTS, _____ PHASE, _____ HZ.	

Avertissement : Pour votre sécurité, les informations de ce manuel doivent être respectées afin de minimiser les risques d'incendie ou d'explosion et d'éviter les dommages aux biens, les blessures corporelles ou la mort.

NOTICE POUR : LES PROPRIÉTAIRES, OPÉRATEURS ET REVENDEURS

UNE INSTALLATION INCORRECTE, UNE MAINTENANCE INADÉQUATE, UN MAUVAIS ENTRETIEN MÉNAGER ET LA NÉGLIGENCE VOLONTAIRE OU LE CONTOURNEMENT DES DISPOSITIFS DE SÉCURITÉ PEUVENT ENTRAÎNER DES ACCIDENTS OU DES BLESSURES GRAVES. POUR ASSURER LA SÉCURITÉ DES CLIENTS ET/OU DES OPÉRATEURS DE VOTRE MACHINE, LES CONTRÔLES DE MAINTENANCE SUIVANTS DOIVENT ÊTRE EFFECTUÉS SUR UNE BASE QUOTIDIENNE.

1. **Avant de faire fonctionner la machine**, vérifiez que toutes les instructions de fonctionnement et tous les panneaux d'avertissement sont apposés sur la machine et lisibles. Les informations manquantes ou illisibles doivent être remplacées immédiatement. Assurez-vous de toujours disposer de panneaux et d'étiquettes de remplacement. Vous pouvez les obtenir auprès de votre revendeur.
2. **Vérifiez le verrouillage de sécurité de la porte en procédant comme suit :**
 - a. OUVREZ LA PORTE de la machine et essayez de démarrer la machine de la manière normale :
Pour les modèles à pièces, insérez les pièces nécessaires pour démarrer la machine.
Pour les modèles actionnés manuellement, placez l'interrupteur ON-OFF sur la position ON et appuyez sur l'interrupteur Démarrer.

LA MACHINE NE DOIT PAS DÉMARRER !

- b. FERMEZ LA PORTE pour démarrer la machine et, pendant qu'elle fonctionne, essayez d'ouvrir la porte sans exercer une force trop importante sur la poignée de porte. La porte doit rester verrouillée !
Si la machine peut démarrer avec la porte ouverte, ou peut continuer à fonctionner avec la porte déverrouillée, le dispositif de verrouillage de la porte ne fonctionne plus correctement. La machine **doit** être mise **hors service** et le dispositif de verrouillage doit être remplacé immédiatement.
3. N'ESSAYEZ DANS AUCUNE CIRCONSTANCE DE CONTOURNER OU DE MODIFIER LES DISPOSITIFS DE SÉCURITÉ DE LA MACHINE, CECI POUVANT ENTRAÎNER DES ACCIDENTS GRAVES.
4. **Assurez-vous de garder la ou les machines en bon état de fonctionnement** : Suivez **toutes** les procédures de maintenance et de sécurité. De plus amples informations concernant la sécurité de la machine, la maintenance et les pièces peuvent être obtenues auprès de votre revendeur.
Toutes les demandes d'assistance doivent comporter le modèle, le numéro de série et les caractéristiques électriques indiqués sur la plaque d'identification de la machine. Écrivez ces informations dans l'espace prévu cet effet à la page précédente de ce manuel.
5. **AVERTISSEMENT** : NE FAITES PAS FONCTIONNER LA OU LES MACHINES AVEC DES DISPOSITIFS DE SÉCURITÉ CONTOURNÉS, MODIFIÉS OU INUTILISABLES ! N'OUVREZ LA PORTE DE LA MACHINE QUE LORSQUE LE TAMBOUR A ARRÊTÉ DE TOURNER !



ADVERTENCIA:

PELIGRO DE INCENDIO O DE EXPLOSIÓN

Si no se siguen exactamente las advertencias de seguridad, podrían producirse lesiones graves, la muerte o daños materiales.

No almacene ni utilice gasolina u otros vapores y líquidos inflamables en las cercanías de ésta o de otras máquinas.

QUÉ HACER SI SE HUELE A GAS:

- **No encender ningún aparato.**
- **No tocar interruptores eléctricos y no utilizar ningún teléfono del edificio.**
- **Hacer salir del local, edificio o lugar a todos los presentes.**
- **Llamar inmediatamente al proveedor de gas desde un teléfono vecino. Seguir las instrucciones que se reciban del proveedor de gas.**
- **Si no es posible contactar con el proveedor de gas, llamar a los bomberos.**

La instalación y el mantenimiento han de ser realizados por instaladores cualificados, empresa de servicios o por el proveedor de gas.

La información anterior, "Qué hacer si huele a gas", se deberá publicar en un lugar visible. La información que se va a publicar se deberá obtener tras consultarlo con el proveedor de gas local.

PARA SU SEGURIDAD

No almacene ni utilice gasolina u otros vapores y líquidos inflamables en las cercanías de ésta o de otras máquinas.

La información anterior, "Para su seguridad", se deberá publicar en un lugar visible.

ADVERTENCIA: La secadora ha sido diseñada para su uso únicamente con tejidos que se han lavado con agua.

ADVERTENCIA: Para evitar un riesgo de incendio, no secar artículos que contengan gomaespuma o materiales gomosos con una textura similar.

ADVERTENCIA: TODOS LOS PROCEDIMIENTOS DE MANEJO Y MANTENIMIENTO QUE APARECEN EN LA SIGUIENTE PÁGINA DE ESTE MANUAL DEBERÁN SEGUIRSE DIARIAMENTE PARA EL CORRECTO FUNCIONAMIENTO DE LA MÁQUINA.

ASEGÚRESE DE CONSERVAR ESTE MANUAL EN UN LUGAR SEGURO PARA CONSULTARLO EN EL FUTURO.

INTRODUZCA LA SIGUIENTE INFORMACIÓN TAL Y COMO APARECE EN LAS PLACAS DE DATOS DE LA MÁQUINA.

TIPO O MODELO DE MÁQUINA	
NÚMERO DE SERIE DE LA MÁQUINA	
CARACTERÍSTICAS ELÉCTRICAS: _____ VOLTIOS, _ _____ FASE, _____ HZ.	

Advertencia: Para su seguridad, la información contenida en el manual ha de seguirse a fin de reducir al mínimo el riesgo de incendio o explosión o para evitar daños materiales, lesiones personales o incluso la muerte.

AVISO PARA: PROPIETARIOS, OPERADORES Y DISTRIBUIDORES

UNA INSTALACIÓN INCORRECTA Y UN MANTENIMIENTO INADECUADO, UNA MALA CONSERVACIÓN Y LA OMISIÓN DELIBERADA O PUENTE DE LOS DISPOSITIVOS DE SEGURIDAD PODRÍA RESULTAR EN ACCIDENTES O LESIONES GRAVES. PARA GARANTIZAR LA SEGURIDAD DE LOS CLIENTES Y/O LOS OPERADORES DE SU MÁQUINA, DEBERÁN REALIZARSE LAS COMPROBACIONES DE MANTENIMIENTO SIGUIENTES A DIARIO.

1. **Antes de poner en marcha la máquina**, comprobar que todas las instrucciones de funcionamiento y señales de advertencia están acopladas a la máquina y son legibles. Las que falten o sean ilegibles deberán reemplazarse inmediatamente. Asegúrese de que dispone de signos y etiquetas de repuesto disponibles en todo momento. Puede adquirirlas de su distribuidor.
2. **Compruebe el cierre de seguridad de la puerta, como sigue:**
 - a. ABRA LA PUERTA de la máquina y trate de ponerla en marcha como haría normalmente:
En los modelos que funcionan con monedas, inserte las monedas correspondientes para ponerla en marcha.
En los modelos de funcionamiento manual, coloque el interruptor ON-OFF en la posición ON y pulse el interruptor START.

¡LA MÁQUINA NO DEBE PONERSE EN MARCHA!

- b. CIERRE LA PUERTA para poner en marcha la máquina y, mientras está funcionando, trate de abrir la puerta sin ejercer una fuerza excesiva sobre el asa. ¡La puerta debe mantenerse cerrada!
Si la máquina puede ponerse en marcha con la puerta abierta, o puede continuar funcionando con la puerta desbloqueada, el cierre no está funcionando correctamente. La máquina **debe** dejarse **fuera de servicio** y el cierre debe reemplazarse inmediatamente.
3. NO TRATE, BAJO NINGUNA CIRCUNSTANCIA, DE PUENTEAR O VOLVER A CABLEAR NINGUNO DE LOS DISPOSITIVOS DE SEGURIDAD DE LA MÁQUINA, YA QUE PODRÍAN PRODUCIRSE ACCIDENTES GRAVES.
4. **Asegúrese de mantener las máquinas en funcionamiento:** Siga **todos** los procedimientos de mantenimiento y seguridad. Puede obtener más información sobre la seguridad de la máquina, su mantenimiento y piezas de repuesto de su distribuidor.
Todas las solicitudes de asistencia deben incluir el modelo, número de serie y características eléctricas tal y como aparecen en la placa de identificación de la máquina. Introduzca esta información en el espacio correspondiente en la página anterior de este manual.
5. **ADVERTENCIA:** ¡NO PONGA EN MARCHA LA MÁQUINA CON LOS DISPOSITIVOS DE SEGURIDAD PUENTEADOS, RE-CLABEADOS O INOPERATIVOS! ¡NO ABRA LA PUERTA DE LA MÁQUINA HASTA QUE EL TAMBOR HAYA DEJADO DE GIRAR!

NOTICE TO INSTALLER

Improper installation of this machine:

- May cause serious damage to the machine.
- May result in other property damage.
- May cause personal injury.
- Will void the manufacturer's warranty.

Connection to line Voltage or over-current protection devices other than those specified on the data plate may result in severe damage to machine components, and will void the manufacturer's warranty.

Refer to complete installation instructions provided in manuals accompanying the machine.

Contact Wascomat Technical Support with any questions BEFORE installing this machine.

Damage resulting from inadequate installation materials or improper installation techniques will void the manufacturer's warranty.

Electrical Information

It is your responsibility to have **ALL** electrical connections (including grounding) made by a properly licensed and competent electrician to assure that the electrical installation is adequate and conforms with local and state regulations or codes.

In the absence of such codes, ALL electrical connections, material, and workmanship must **conform** to the applicable requirements of the NATIONAL ELECTRIC CODE ANSI/NFPA NO. 70 or the CANADIAN ELECTRICAL CODE, CSA C22.1 - both the latest edition.

IMPORTANT: Failure to comply with these codes or ordinances and/or the requirements stipulated in this manual can result in personal injury or component failure.

NOTE: Component failure due to improper installation will **VOID THE WARRANTY**.

IMPORTANT: A separate circuit serving each dryer must be provided. The dryer must be connected to copper wire only. **DO NOT** use aluminum wire which could cause a fire hazard.

NOTE: The use of aluminum wire will **VOID THE WARRANTY**

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper operation or component failure.

Electrical Service

Steam and gas dryers **ONLY**

IMPORTANT: The dryer must be connected to the electrical supply shown on the data label affixed to the dryer. In the case of 208 VAC or 240 VAC, the supply voltage **must match** the electric service specifications of the data label **exactly**. Wire **must be** properly sized to handle the rated current.

WARNING: 120 VAC, 208 VAC and 240 VAC ARE NOT THE SAME. Any damage done to dryer components due to improper voltage connections will **VOID THE WARRANTY**.



Electric dryers **ONLY**

IMPORTANT: ALL electrically heated dryers must be connected to the electric supply service shown on the dryers data label which is affixed to the back side of the control (service) door. The connecting wires must be properly sized to handle the rated current.

NOTE: Component failure due to improper voltage application will **VOID THE WARRANTY**.

Gas Information

It is your responsibility to have **ALL** plumbing connections made by a qualified professional to insure that the installation is adequate and conforms with local and state regulations or codes. In the absence of such codes, **ALL** plumbing connections, material, and workmanship must conform to the applicable requirements of **the National Fuel Gas Code ANSI Z223.1** or the **CAN/CGA-B149, INSTALLATION CODES** - both the latest edition.

IMPORTANT: Failure to comply with these codes or ordinances, and/ or the requirements stipulated in this manual, can result in personal injury and improper operation of the dryer.

The dryer **must be** isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or greater than 1/2 psig (3.5 kPa).

IMPORTANT: Failure to isolate or disconnect the dryer from the gas supply as noted can cause irreparable damage to the gas valve and will **VOID THE WARRANTY**.

WARNING: **FIRES or EXPLOSION COULD RESULT.**



Gas Supply

The gas dryer installation must meet the American National Standard, National Fuel Gas Code Z223.1-LATEST EDITION, as well as local codes and ordinances and **must be** done by a qualified professional,

NOTE: Undersized gas piping will result in ignition problems, slow drying, increased use of energy, and can create a safety hazard.

The dryer **must be** connected to the type of heat/ gas indicated on the dryer data label. If this information does not agree with the type of gas available, **do not** operate the dryer. Contact your local dealer or the Wascomat Sales Department.

IMPORTANT: Any burner changes or conversions must be made by a qualified licensed professional.

The input ratings shown on the dryer data label are for elevations of up to 1,999 feet. The adjustment or conversion of the dryer(s) in the field for elevations over 2,000 feet are made by changing each burner orifice. If these conversions are necessary, contact your local dealer or the Wascomat Sales Department.

Natural Gas

If the pressure is too low, ignition failure and/or slow drying times may result. Excessively high supply pressure will result in erratic operation of the gas valves internal pressure regulator. Further information in section: Gas connection.

Propane Gas

Dryers made for use with propane gas have the gas valve pressure regulator blocked open, so that the gas pressure **must be** regulated upstream of the dryer. In accordance with American Gas Association (AGA) standards, a gas pressure regulator, when installed indoors, must be equipped with a vent limiter or a vent line must be installed from the gas pressure regulator vent to the outdoors. The water column pressure **must be** regulated at the source (propane tank), or an external regulator must be added to each dryer. Further information in section: Gas connection.

Piping/Connections

The dryer is provided with a 1/2" N.P.T. inlet pipe connection extending out the rear area or through the top of the dryer. For ease of servicing, the gas supply line of each dryer should have its own shut-off valve.

The size of the gas supply line (header) will vary depending on the distance this supply line travels from the gas meter or, in the case of propane gas, the supply tank, the number of tees, other gas-operated appliances, etc. Specific information regarding supply line size should be determined by the gas supplier.

NOTE: Undersized gas supply piping can create a low or inconsistent gas pressure which will result in erratic operation of the burner ignition system.

Consistent gas pressure is essential at **ALL** gas connections. It is recommended that a 3/4- inch pipe gas loop be installed in the supply line serving the bank of dryers. An in-line pressure regulator **must be** installed in the gas supply line (header) if (natural) gas line pressure exceeds 12-inches water column pressure.

IMPORTANT: The information regarding the settings of the water column pressure for Natural gas dryers and Propane gas dryers is found in section: Gas connection. The pressure is required at the gas valve pressure tap of each dryer for proper and safe operation.

A 1/8" N.P.T. plugged tap, accessible for test gauge connection, **must be** installed in the main gas supply line immediately upstream of each dryer.

IMPORTANT: Pipe joint compounds that resist the action of natural gas and propane gas **MUST BE** used.

WARNING: Test **ALL** connections for leaks by brushing on a soapy water solution (liquid detergent also works well). **NEVER TEST FOR GAS LEAKS WITH AN OPEN FLAME.**

ALL components / materials **must conform** to NATIONAL FUEL GAS CODE specifications. It is important that gas pressure regulators meet applicable pressure requirements and that gas meters are rated for the total amount of appliance BTU's being supplied.

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The manufacturer reserves the right to make changes to design and component specifications.

1 Safety Precautions

- The machine is not to be used if industrial chemicals have been used for cleaning.
- Do not dry unwashed items in the machine.
- Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the machine.
- Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the machine.
- Fabric softeners or similar products should be used as specified by the fabric softener instructions.
- The final part of a drying cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.
- Remove all objects from pockets such as lighters and matches.
- **WARNING.** Never stop the machine before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- Adequate ventilation has to be provided to avoid the back flow of gases into the room for appliances burning other fuels, including open fires.
- Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
- The machine must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the machine in such a way that a full opening of the machine is restricted.
- If the machine has a lint trap this has to be cleaned frequently.
- The lint must not be accumulated around the machine.
- **DO NOT MODIFY THIS APPLIANCE.**
- Servicing shall be carried out only by authorized personnel.
- Only authorized spare parts shall be used.
- When performing service or replacing parts, the power must be disconnected.

- When the power is disconnected, the operator must see that the machine is disconnected (that the plug is removed and remains removed) from any point to which he has access. If this is not possible, due to the construction or installation of the machine, a disconnection with a locking system in the isolated position shall be provided.
- In accordance with the wiring rules: mount a multi-pole switch prior to the machine to facilitate installation and service operations.
- The openings in the base, shall not be obstructed by a carpet.
- Maximum mass of dry cloth: 37.5 kg / 82.7 lbs.
- A-weighted emission sound pressure level at working stations: 70 dB (A).

Gas heated tumble dryer:

- Before installation, check that the local distribution conditions, nature of gas and pressure and the adjustment of the appliance are compatible.
- The machine is not to be installed in rooms containing cleaning machines with perchloroethylene, TRICHLOROETHYLENE or CHLOROFLUOROCONTAINING HYDROCARBONS as cleaning agents.
- If you can smell gas:
 - Do not switch on any equipment
 - Do not use electrical switches
 - Do not use telephones in the building
 - Evacuate the room, building or area
 - Contact the person responsible for the machine
- Additional requirements for the following countries; AT, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IS, IE, IT, LV, LT, LU, MT, NL, NO, PL, PT, RO, SK, SI, ES, SE, CH, TR, UK:
 - The appliance can be used in public areas.
 - This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play

with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Additional requirements for other countries:
 - This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

1.1 General safety information

In order to prevent damage to the electronics (and other parts) that may occur as the result of condensation, the machine should be placed in room temperature for 24 hours before being used for the first time.

1.2 Commercial use only

The machine/machines covered by this manual is/are made for commercial and industrial use only.

1.3 Symbols

	Caution
	Caution, hot surface
	Caution, high voltage
	Read the instructions before using the machine

2 Program description

2.1 General

The machine is equipped with a number of programs adapted to the range of use to which the machine is intended — different markets use different programs. The following program description is a short description of some examples of programs that can be used.

For a complete and detailed information about the all the available drying programs, please refer to ELS web-site.

It is recommended to follow the care labelling of the garment as far as possible.

For best possible drying result it is advisable to dry garments of the same quality for each drying cycle.

2.2 Program description

There are two types of programs, automatic programs and time programs.

Automatic programs has moisture detection and will stop when selected dryness is achieved.

Time programs has no moisture detection and will stop when the preset or selected time has ended.

The following table shows some examples of available programs and a short description of those:

Automatic programs	Description
HIGH 	Cotton and terry. The program will stop when preset dryness/selected option is achieved (Extra dry, Dry or Iron dry).
MEDIUM 	Cotton and terry. The program will stop when preset dryness/selected option is achieved (Extra dry, Dry or Iron dry).
LOW 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elasthan), viscose, polycotton and delicate fabrics. The program will stop when preset dryness/selected option is achieved (Extra dry, Dry or Iron dry).

Time programs	Description
HIGH 	Cotton and terry Different drying times can be selected. The program will stop when the time is up.
MEDIUM 	Cotton and terry Different drying times can be selected. The program will stop when the time is up.
LOW 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elasthan), viscose, polycotton and delicate fabrics. Different drying times can be selected. The program will stop when the time is up.
NO HEATING 	Airing bedspreads, duvets and bedclothes Different drying times can be selected. The program will stop when the time is up.

The following table shows some examples of different programs that are used for special markets such as hospitals, restaurants, camping sites etc. and a short description of those:

Automatic programs	Description
HIGH EXTRA DRY 	Denim and terry. The program will stop when set dryness is achieved.
HIGH DRY 	Cotton and terry. The program will stop when set dryness is achieved.
HIGH IRON DRY 	Cotton. The program will stop when set dryness is achieved.
MEDIUM EXTRA DRY 	Denim and terry. The program will stop when set dryness is achieved.
MEDIUM DRY 	Cotton and terry. The program will stop when set dryness is achieved.
MEDIUM IRON DRY 	Cotton. The program will stop when set dryness is achieved.
LOW EXTRA DRY 	Viscose and polycotton. The program will stop when set dryness is achieved.
LOW DRY 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. The program will stop when set dryness is achieved.
LOW IRON DRY 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. The program will stop when set dryness is achieved.

The following table shows some examples of available programs used on coin operated machines and a short description of those:

Time programs	Description
HIGH 	Cotton and terry. The program will stop when the time is up.
MEDIUM 	Cotton and terry. The program will stop when the time is up.
LOW 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. The program will stop when the time is up.
NO HEATING 	Airing bedspreads, duvets and bedclothes. The program will stop when the time is up.

2.3 Option buttons

The machine is equipped with a number of options adapted to the range of use to which the machine is intended — different markets use different options.

The following table shows some examples of available options and a short description of those:

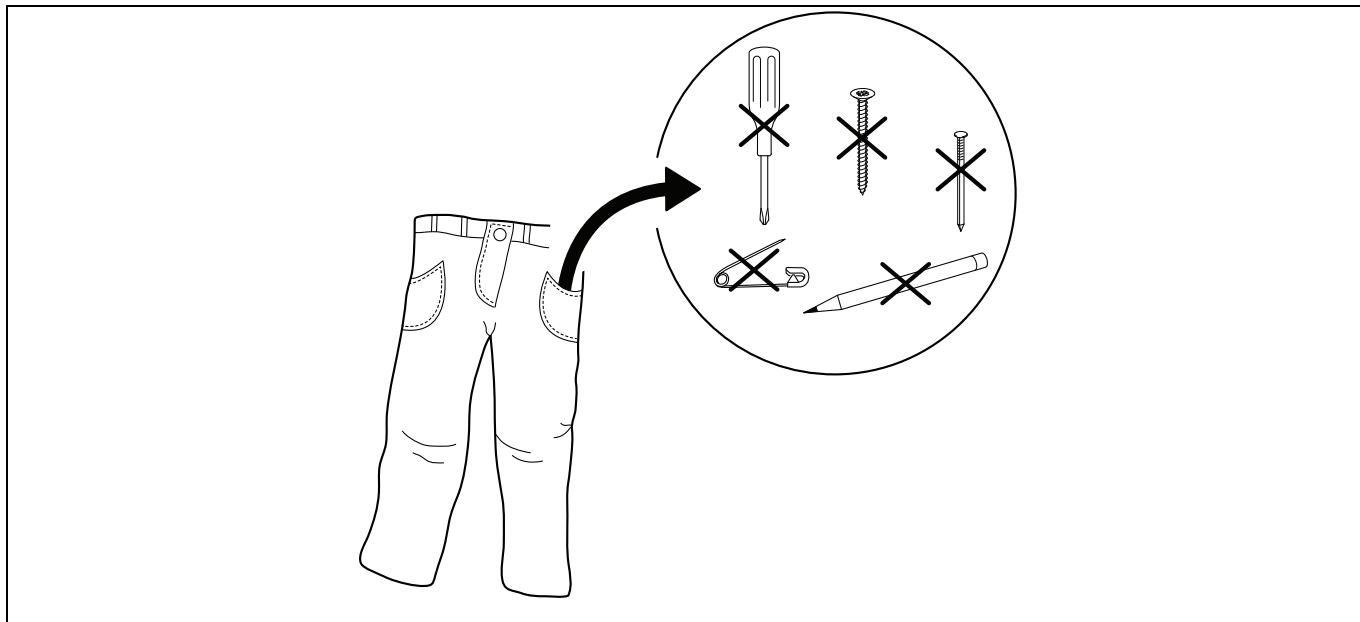
Option button		Description
	ECO PROGRAM	Dries using less energy.
	CARE PROGRAM	Drying of sensitive fabrics. Only suitable for use with small loads.
	QUICK PROGRAM	The program will be ready as quick as possible.
	EXTRA DRY	Through drying of thick or multilayered fabrics. Drying stops when “EXTRA DRY” is achieved.
	DRY	Ready to put in cupboard/closet. Through drying of fabrics of even thicknesses. Drying stops when “DRY” is achieved.
	IRON DRY	Damp. Ready for ironing. For thin textiles which are to be ironed. Drying stops when “IRON DRY” is achieved.

3 Handling

3.1 Load

Note!

Remove all objects from pockets and make sure there are no metal objects such as screws, pins etc. left. Metal objects might cause damage to the drum.



Load the goods into the machine according to recommendations and close the door.
Make sure the filter is clean and clean if necessary.

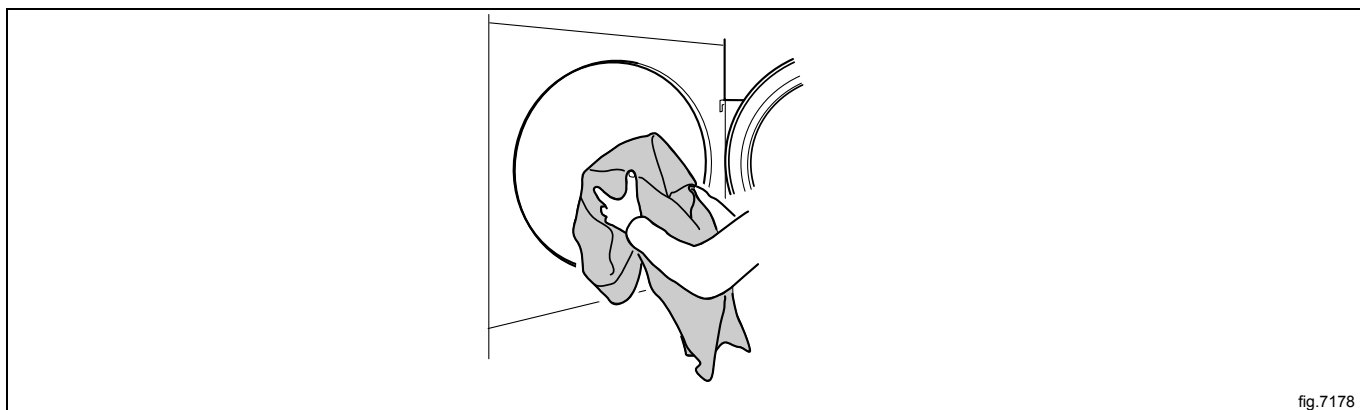
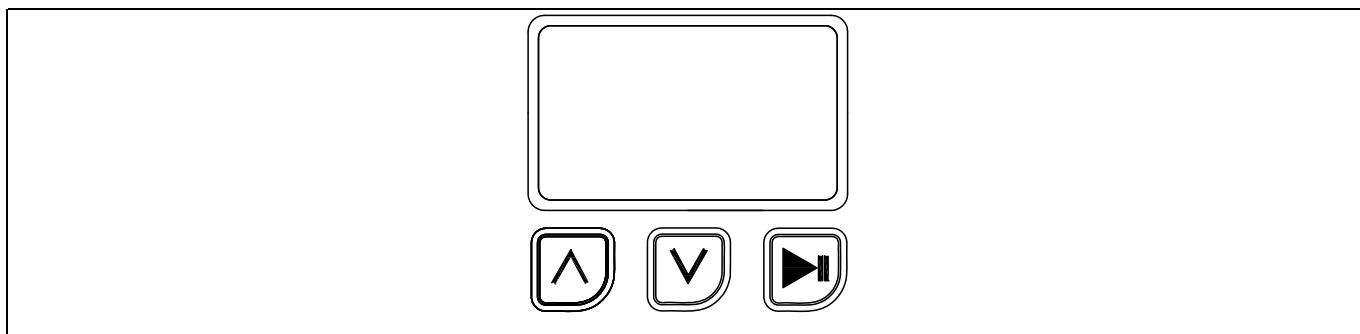


fig.7178

The maximum load is 37.5 kg / 82.7 lbs.

3.2 How to start the machine



Select program:

Automatic programs

Select program by pressing the up and down buttons.

Button	Example of programs
 	HIGH 
	MEDIUM 
	LOW 

Start the machine by pressing the start button.

Time programs

Select program by pressing the up and down buttons.

Button	Example of programs
 	HIGH 
	MEDIUM 
	LOW 
	NO HEATING 

Start the machine by pressing the start button.

After start it is possible to change the time for the selected program. Push the up and down buttons to set the desired time.

Coin operated machine

Insert correct amount of coins to start the machine and/or press the start button.

After start it is possible to add time for the selected program. Insert more coins to add time.

3.3 Additional functions

There is a menu with additional functions available for selection after start. When pressing the control knob / start button (on machines without control knob) the menu will appear on the display. Select from the menu by turning the control knob / pressing the up and down buttons and press the control knob / start button to activate.

Note!

Some of the functions may not be available or active on your machine.

Pause

It is possible to pause an ongoing program.

Select **PAUSE** and activate.

For some machines it is also possible to pause directly when pressing the control knob / start button.

When pressing the control knob / start button again the program will continue.

End a program

It is possible to end a program after start.

Select **END PROGRAM** and activate.

When pressing the control knob / start button the program will be ended.

Status

Select **STATUS MENU** and activate.

The status menu shows the status for inlet air temp, outlet air temp, RMC and heat for the machine.

Statistics

Select **STATISTICS** and activate.

The statistics menu shows total run hours and trip run hours for the machine.

3.4 When program has ended

Note!

For the best possible drying result it is important to empty the machine as soon as the program has ended.

If the machine is not emptied as soon as the program has ended the drum will rotate in short intervals in order to keep the goods from being wrinkled.

Clean the filter after each drying cycle for best performance.

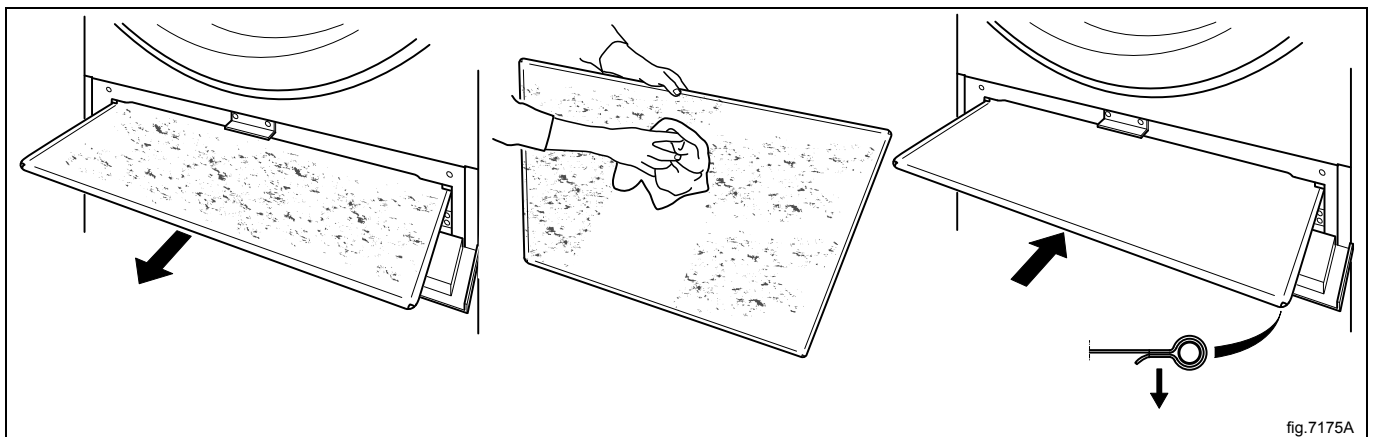


fig.7175A

4 Error codes

A fault in the program or in the machine is indicated by an error code on the display.
Some of these error codes can be solved easily without contacting service personnel.

Error code	Text	Cause/Action
12:11	DRYING ERROR WITH RMC PROGRAM	The longest permitted RMC time has been exceeded. (Applies only to machines with RMC). The machine is overfilled or the garment is too wet.
12:12	DRYING ERROR WITH AUTOSTOP PROGRAM	The longest permitted automatic stop time has been exceeded. (Applies only to machines with automatic stop). The machine is overfilled or the garment is too wet.
12:14	GAS ERROR PRESS GAS RESET BUTTON	No flame has been detected. (Applies only to gas heated machines). Reset by pressing the control knob until the error code text disappears. On Coin operated machines: Reset by pressing the service button.
12:15	NO VACUUM	The machine is overfilled or the garment is too wet. Unload some of the garment and try to start again.
12:16	VACUUM SWITCH SHORTED	The vacuum/pressure switch does not close within the set time. Open and close the door and try to start again.
12:18	REDISTRIBUTION OF LOAD NEEDED	Machine indicates that load is blocking the airflow. Redistribute the load. Restart the machine to clear error message.
20:1	O . H . DRUM MOTOR	The motor is too hot. The machine will restart automatically when the temperature on the motor is OK (if the door has not been opened).
30:1	O . H . FAN MOTOR	The motor is too hot. The machine will restart automatically when the temperature on the motor is OK (if the door has not been opened).

For other error codes or repeated error codes, disconnect the power for 30 seconds. If the error code keeps coming back, contact authorized service personnel.

5 Maintenance

5.1 General

It is the responsibility of the owner of the machine/the laundry manager to make sure that maintenance is periodically performed.

Note!

Lack of maintenance may deteriorate the performance of the machine and may cause damage to components.

5.2 Time for maintenance

When the display is showing the message **TIME FOR MAINTENANCE** — contact the owner of the machine/the laundry manager to perform maintenance (if available, a telephone number and/or a tag will also be displayed).

The machine can be used meanwhile. However, the message will keep coming back until the service is performed.

The message will disappear after about 30 seconds or if the control knob or any button is pressed.

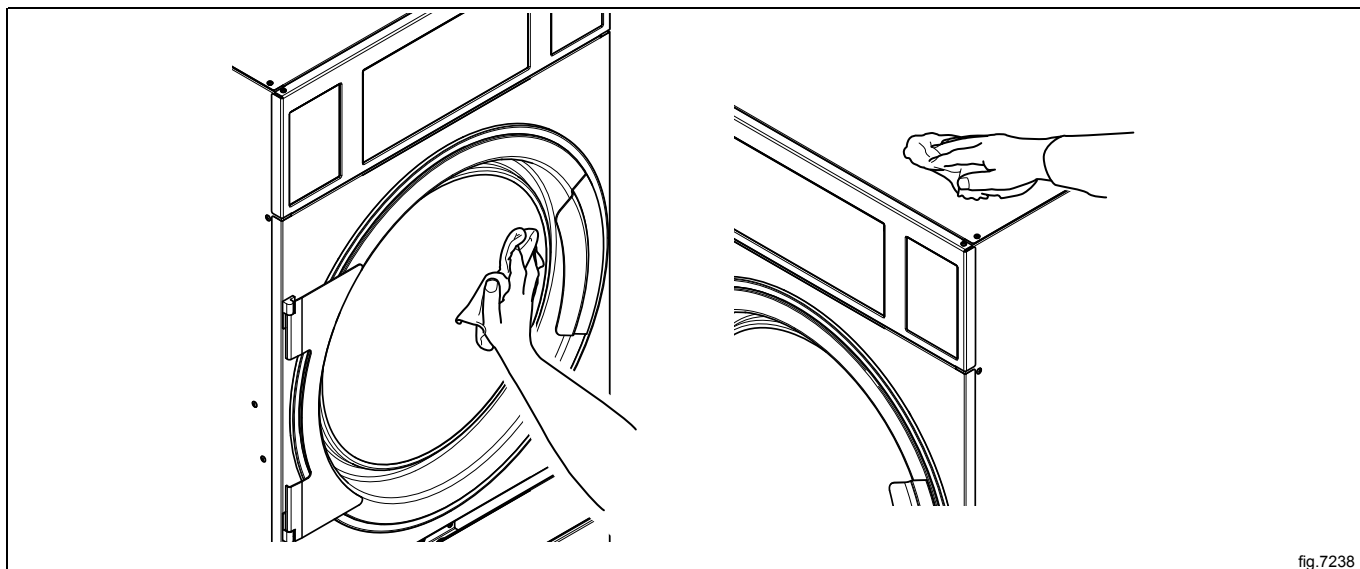
5.3 Every day

Check that the machine does not operate with the door open, if so, the machine must be placed out of order until repairs are made.

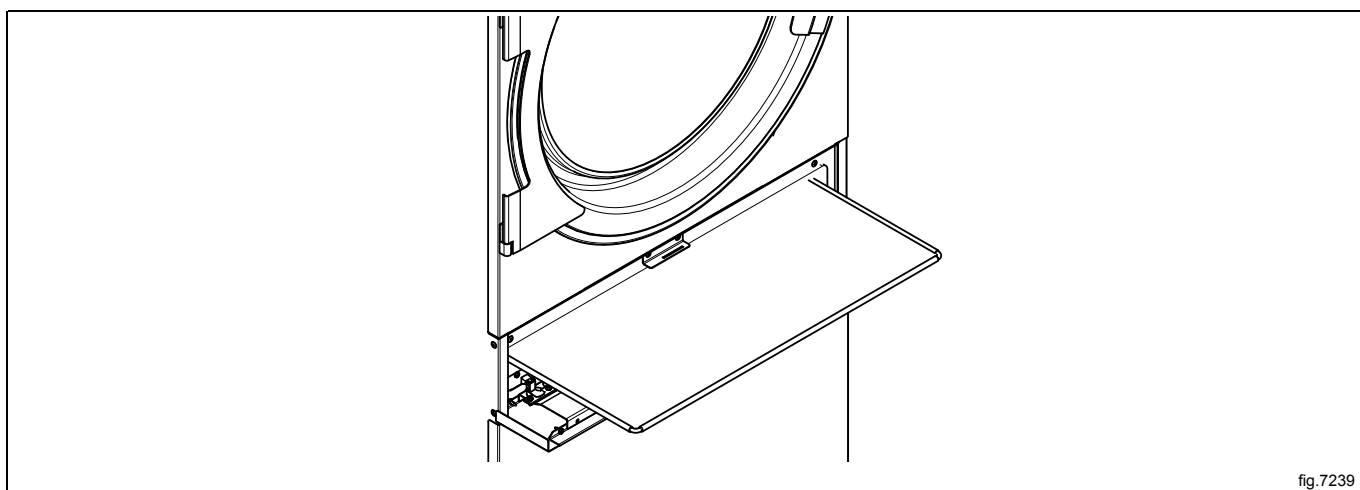
Note!

Contact qualified service personnel to disconnect power from the affected machine.

Clean the door, door glass, door gasket and other external parts.



Check that the filter is clean and unbroken. Clean or replace if necessary.



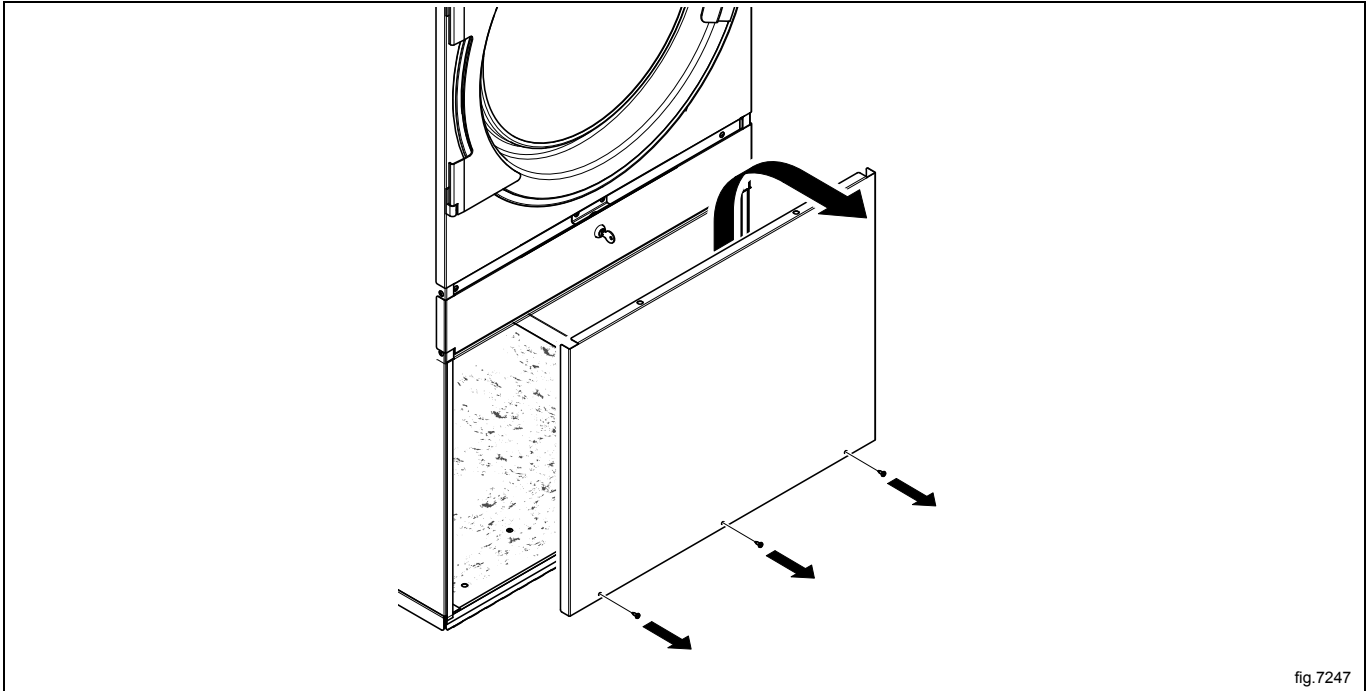
Remove any lint and dust around the machine.



5.4 The area under the filter

At regular basis, clean the area under the filter from dust and lint.

Demount the cover panel under the filter and clean with a vacuum cleaner or a damp rug.



5.5 Fresh air intake

At regular basis, check that the fresh air intake on the back of the machine is not clogged by lint and dust or otherwise blocked.

Clean if necessary.

5.6 Machines with residual moisture control (RMC)

At regular basis, wipe off/clean drum and lifters with citric acid (*Acidum citricum*). If soap/softener residue remains, it is recommended also to use a coarse sponge.

Lack of cleaning can reduce the automatic residual moisture control which will make the load more moisture than requested when the program has ended.

5.7 Maintenance to be carried out by qualified service personnel

Contact qualified service personnel to perform the following maintenance:

After 1600 hours of operation or once a year, whichever comes first:

- Clean the fan, the exhaust duct and the fresh-air intake to the room
- On machines with RMC: Clean the glide surface on the RMC graphite collector
- Clean the area around the drum
- Clean the motors
- Check the belt tension



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