

OWNER'S MANUAL 30 lb. SLIM DR LAUNDRY DRYER

Gas: Natural and LP Steam Electric

Technical specifications Installation instructions Operating instructions Maintenance



IPSO - USA 99 Aberdeen Loop Panama City, FL, 32405 Phone: (850)271-8486

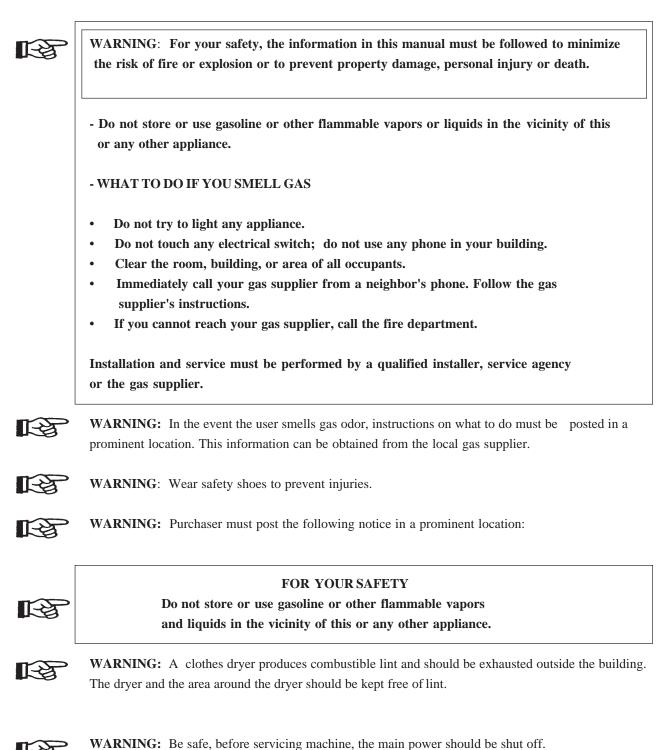
THIS MANUAL MUST BE GIVEN TO THE EQUIPMENT OWNER

IMPORTANT NOTICES—PLEASE READ

For optimum efficiency and safety, we recommend that you read the manual before operating the equipment. Store this manual in a file or binder and keep for future reference.



WARNING: Purchaser must post the following notice in a prominent location:



ATTENTION: L'ACHETEUR DOIT PLACER L'AVERTISSEMENT SUIVANT DANS UN ENDROIT CLAIR ET VISIBLE:

AVERTISSEMENT. Assurez-vous de bien suivre les instructions donnees dans cette notice pour reduire au minimum le risque d'incendie ou d'explosion ou pour eviter tuot dommage materiel, toute blessure ou la mort.

____ Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de cet appareil ou de tout autre apparell.

__QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ:

- Ne pas tenter d'allumer d'apparell.
- Ne touchez a aucun interrupteur. Ne pas vous servir des telephones se trouvant dans le batiment ou vous vous trouvez.
- Evacuez la piece, le batiment ou la zone.
- Appelez immediatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur.
- Si vous ne pouvez rejoindre le fournisseur de gaz, appelez le service des incendies.
- ____ l'installation et l'entretien doivent etre assures par un installateur ou un service d'entretien qualifie ou par le fournisseur de gaz.

ATTENTION: L'ACHETEUR DOIT PLACER L'AVERTISSEMENT SUIVANT DANS UN ENDROIT CLAIR ET VISIBLE:

POUR VOTRE SECURITE

Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de cet appareil ou de tout autre appareil.



WARNING: To avoid fire hazard, do not dry articles containing foam rubber or similar texture materials. Do not put into this dryer flammable items such as baby bed mattresses, throw rugs,undergarments (brassieres, etc.) and other items which use rubber as padding or backing. Rubber easily oxidizes causing excessive heat and possible fire. These items should be air dried.



WARNING: Synthetic solvent fumes from drycleaning machines create acids when drawn through the dryer. These fumes cause rusting of painted parts, pitting of bright or plated parts, and completely removes the zinc from galvanized parts, such as the tumbler basket. If drycleaning machines are in the same area as the tumbler, the tumbler's make-up air must come from a source free of solvent fumes.



WARNING: Do not operate without guards in place.



WARNING: Check the lint trap often and clean as needed but at least a minimum of once per day.



WARNING: Alterations to equipment may not be carried out without consulting with the factory and only by a qualified engineer or technician. Only **Manufacture's** parts may be used.



WARNING: Remove clothes from dryer as soon as it stops. This keeps wrinkles from setting in and reduces the possibility of spontaneous combustion.



WARNING: Be safe - shut main electrical power and gas supply off externally before attempting service.

WARNING: Never use drycleaning solvents, gasoline, kerosene, or other flammable liquids in the dryer. *FIRE AND EXPLOSION WILL OCCUR. NEVER PUT FABRICS TREATED WITH THESE LIQUIDS INTO THE DRYER. NEVER USE THESE LIQUIDS NEAR THE DRYER.*.



WARNING: Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.



WARNING: Never let children play near or operate the dryer. Serious injury could occur if a child should crawl inside and the dryer is turned on.



WARNING: Never tumble fiberglass materials in the dryer unless the labels say they are machine dryable. Glass fibers break and can remain in the dryer. These fibers cause skin irritation if they become mixed with other fabrics.



WARNING: Before operating gas ignition system - purge air from natural gas or propane gas lines per manufacturer's instructions.



WARNING: To reduce the risk of electric shock, disconnect this appliance from the power supply before attempting any user maintenance other than cleaning the lint trap. Turning the controls to the OFF position does not disconnect this appliance from the power supply.

IPSO DRYER WARRANTY

The IPSO Manufacturing Company (IPSO) warrants all new equipment (and the original parts thereof) to be free from defects in material or workmanship for a period of three (3) years from the date of sale thereof to an original purchaser for use, except as hereinafter provided. With respect to non-durable parts normally requiring replacement in less than three (3) years due to normal wear and tear, and with respect to all new repair or replacement parts for IPSO equipment for which the three (3) year warranty period has expired, or for all new repair or replacement parts for equipment other than IPSO equipment, the warranty period is limited to ninety (90) days from date of sale. The warranty period on each new replacement part furnished by IPSO in fulfillment of the warranty period on the part replaced.

With respect to electric motors, coin meters and other accessories furnished with the new equipment, but not manufactured by IPSO, the warranty is limited to that provided by the respective manufacturer.

IPSO's total liability arising out of the manufacture and sale of new equipment and parts, whether under the warranty or caused by IPSO's negligence or otherwise, shall be limited to IPSO repairing or replacing, at its option, any defective equipment or part returned f.o.b. IPSO's factory, transportation prepaid, within the applicable warranty period and found by IPSO to have been defective, and in no event shall IPSO be liable for damages of any kind, whether for any injury to persons or property or for any special or consequential damages. The liability of IPSO does not include furnishing (or paying for) any labor such as that required to service, remove or install; to diagnose troubles; to adjust, remove or replace defective equipment or a part; nor does it include any responsibility for transportation expense which is involved therein.

The warranty of IPSO is contingent upon installation and use of its equipment under normal operating conditions. The warranty is void on equipment or parts; that have been subjected to misuse, accident, or negligent damage; operated under loads, pressures, speeds, electrical connections, plumbing, or conditions other than those specified by IPSO; operated or repaired with other than genuine IPSO replacement parts; damaged by fire, flood, vandalism, or such other causes beyond the control of IPSO; altered or repaired in any way that effects the reliability or detracts from its performance, or; which have had the identification plate, or serial number, altered, defaced, or removed.

No defective equipment or part may be returned to IPSO for repair or replacement without prior written authorization from IPSO. Charges for unauthorized repairs will not be accepted or paid by IPSO.

IPSO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, STATUTORY OR OTHERWISE, CONCERNING THE EQUIPMENT OR PARTS INCLUDING, WITHOUT LIMITATION, A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, OR A WARRANTY OF MERCHANTABILITY. THE WARRANTIES GIVEN ABOVE ARE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IPSO NEITHER ASSUMES, NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT, ANY OTHER WARRANTY OR LIABILITY IN CONNECTION WITH THE MANUFACTURE, USE OR SALE OF ITS EQUIPMENT OR PARTS.

For warranty service, contact the Distributor from whom the IPSO equipment or part was purchased. If the Distributor cannot be reached, contact IPSO.

IDENTIFICATION NAMEPLATE

The Identification Nameplate is located on the rear wall of the dryer. It contains the dryer serial number, product number, model number, electrical specifications and other important data that may be needed when servicing and ordering parts, wiring diagrams, etc. Do not remove this nameplate.

| Safety Instructions |
|--|
| Cissell Dryer Warranty |
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| PARTS |
| |

| Aligning Basket | Ba |
|--------------------------------|-----|
| Front View | Re |
| Control Door Assembly | Air |
| Door Assembly | Ba |
| Front Panel Assembly - OPL | Ma |
| Front Panel Assembly - Coin 37 | Idl |
| Thermostat Assembly | Re |
| Mech. Coin Control Asm | Na |
| DMP Coin Control Assembly 43 | L.I |
| DX3 Coin Control Assembly | Ste |
| 2 Timer Control Assembly | Ele |
| DMP OPL Control Assembly | Re |
| DX3 OPL Control Assembly | |
| PRO/HC Control Assembly | |
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| Basket & Spider Assembly50 |
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SYMBOLS

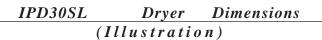
The following symbols are used in this manual and/or on the machine.

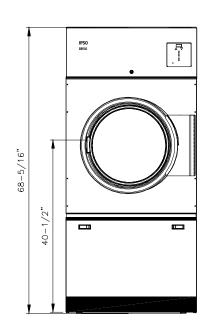
| Symbol | Desc | ription | Symbol | | |
|---------------------------|---|---|------------|--|--|
| R. | NOTE! | Rotation in two directions Rotation dans les deux sens Drehbewigung in zwei Richtungen | | | |
| <u>NIBS</u> | Hot! Do Not Touch Heiß! Nicht Beruhren Haute temperature! Ne pas toucher Caliente! no tocar | Movimiento rotativo en los dos sentidos Direction of rotation Sens de mouvement continu De rotation Drehbewegung in Pfeilrichtung movimiento | | | |
| A | dangerous voltage tension dangereuse Gefährliche elektrische Spannung tension peligrosa | Giratorio o rotatorio en el sentido de la flecha End of Cycle | \bigcirc | | |
| | On Marche Ein Conectado | Caution — Attention | | | |
| \bigcirc | Off Arrêt Aus Desconectado | Achtung Atencion; precaucion | | | |
| \bigcirc | Start Demarrage Start Arranque de un movimiento | | | | |
| $\langle \langle \langle$ | Emission of heat in general Emission de chaleur en general Warmeabgabe allgemein Emisión de calor | | | | |
| | Cooling Refroidissement Kühlen Enfriamiento | | | | |

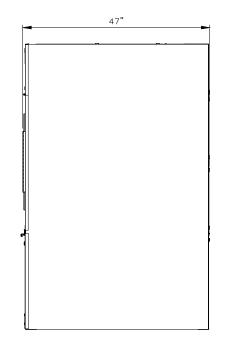
| U | inpucking General Instantation (Int Digers) |
|---|---|
| UNPACKING | Upon arrival of the equipment, any damage in shipment should be reported to the carrier immediately. |
| | Upon locating permanent location of a unit, care should be taken in movement and placement of equipment. |
| | See outline clearance diagrams for correct dimensions. |
| | Remove all packing material such as: tape, manuals, skid, etc. |
| | Leveling: Use spirit level on top of dryer. Adjust leveling bolts on dryer (see adjustable leveling bolts in maintenance section). |
| | Check voltage and amperes on rating plate before installing the dryer. |
| GENERAL INSTALLATION (ALL DRYERS) | The construction of the dryers permits installation side-by-side to save space or to provide a wall arrangement. Position dryer for the least amount of exhaust piping and elbows, and allow free access to the rear of dryer for future servicing of belts, pulleys and motors. Installation clearance from all combustable material is 0" ceiling clearance, 0" rear clearance, and 0" side clearance. |
| | Before operating dryer, open basket door and remove blocking between front panel and basket. Read the instruction tags, owner's manual, warnings, etc. |
| | IMPORTANT Opening the clothes loading door deactivates the door switch to shut off the motors, fan, gas, steam, or electric element. To restart the dryer, close the door and press in the push to start button. |
| | |
| | IMPORTANT This dryer is designed for a capacity maximum load. Overloading it will result in long drying times and damp spots |
| | on some clothes. |
| | on some clothes. IMPORTANT Maximum operating efficiency is dependent upon proper air cIrculation. The lint screen must be kept cleaned daily to insure proper air circulation throughout the dryer. |

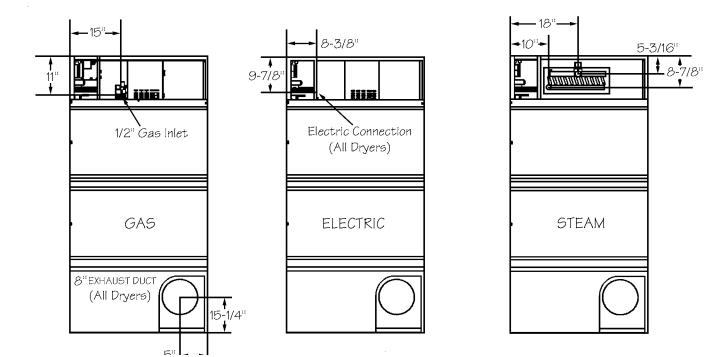
| GENERAL INFORMATION | The dryer is so designed that when an operator opens the dryer door, the basket and exhaust fan stop. You can expect fast drying from the laundry dryer. Hot, dry air is properly and effectively moved through the basket and exhausted through a lint trap to the atmosphere. The dryer comes equipped with an inclined self-cleaning lint screen. In this system, lint accumulates on the underside of the screen until a blanket of lint falls from the screen to the bottom of the dryer cabinet. The lint should be removed daily or as required to prevent an over-accumulation. |
|-------------------------------|--|
| | IMPORTANT Provide adequate clearance for air openings into the combustion chamber. |
| DRYER "COOL-DOWN" CYCLE | Permanent press, durable press and other modern day fabrics require the care that your laundry dryers now provide. At the end of the drying cycle, a timed "Cool-Down" control automatically takes over and continues the rotation of the fan and basket without heat until the garment load reaches a safe cool temperature. This function is performed at the end of each drying cycle. |
| REPLACEMENT PARTS | Replacement parts for this dryer are available from your distributor or by contracting the factory at the address or phone number printed on the cover page of this manual. |
| | |
| | |

| Specifications | U.S. Measure | Metric Measure | |
|-------------------------|------------------------|-------------------------|-----------|
| Capacity (Dry Linen) | 30 lbs. | 13.6 kg | |
| Basket | | | |
| Diameter | 27 inches | 685 mm | |
| Depth | 30 inches | 762 mm | |
| Volume | 10 ft ³ | 283 liter | |
| Cabinet | | | |
| Height | 68-5/16 inches | 1735 mm | |
| Width | 28-3/4 inches | 730 mm | |
| Depth | 47 inches | 1194 mm | |
| Door Opening | | | |
| Diameter | 22-5/8 inches | 575 mm | |
| Loading height | 29-1/2 inches | 750 mm | |
| Temperature | | | |
| Minimum | 100° F | 38° C | |
| Maximum | 185º F | 85º C | |
| Motor | | | |
| Non-reversing | 1/2 H.P. | 0.37 kW | |
| Reversing - Drum | 1/2 H.P. | 0.37 kW | |
| Fan | 1/2 H.P. | 0.37 kW | |
| Exhaust | | | |
| Flow Rate | 600 cfm | 1020 m³/h | |
| Diameter | 8 inches | 203 mm | |
| Electric Conn E | lectric Dryers | Non-Reversing | Reversing |
| 208 V | 60 - 3 PH | 67 A | 68 A |
| 220/240 V | 50/60 - 3 PH | 55/60 A | 55/60 A |
| 380/415 V | 50 - 3 PH | 34/37 A | 33/36 A |
| 480 V | 60 - 3 PH | 30 A | 31 A |
| Electric Conn Ste | am, Gas Dryers | Non-Reversing | Reversing |
| 115/208-240 V | 50/60 - 1 PH | 9.5 A | N/A |
| 208-240 V | 50/60 - 3 PH | 2.7 A | 5.4 A |
| 480 V | 60 - 3 PH | 1.3 A | 2.5 A |
| 380-415 V | 50/60 - 3 PH | 1.4 A | 4.3 A |
| Power | | | |
| Electric | 22.5 kW | 22.5 kW | |
| Gas | 100,000 Btu/h | 25,200 kcal/h | |
| Steam | 4.5 B.H.P | 38,000 kcal/h | |
| Steam connection | | | |
| Inlet | 3/4" | DN20 | |
| Outlet | 1/2" | DN15 | |
| Gas Connection | | | |
| Gas Connection | 1/2" | DN15 | |
| Gas Pressure | 5" - 12" | 12-30 mb | |
| Shipping Dimensions | | | |
| (H xW x D) | 73 X 32 X 52 inches | 1854 X 915 X 1321 mm | |
| Weight | | | |
| | | | |
| Net | 529 lbs. | 240 kg | |







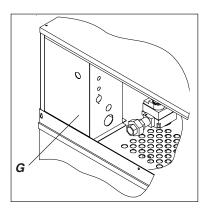


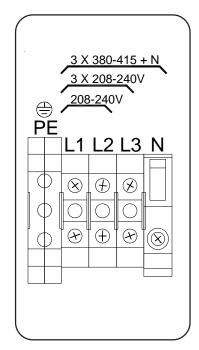
Electric connection

Dryers must be electrically grounded by a separate #14 or larger green wire from the grounding terminal within the Service Connection Box, to a cold water pipe. In all cases, the grounding method must comply with local electrical code requirements; or in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70 or the Canadian Electrical Code, CA C22.1.*

See wiring diagram furnished with dryer. Do not change wiring without consulting the factory, as you may void the factory warranty. DO NOT CONNECT THE DRYER TO ANY VOLTAGE OR CURRENT OTHER THAN THAT SPECIFIED ON THE DRYER RATING PLATE. (Wiring diagram is located on rear wall of dryer.)

All panels must be in position before operation of dryer.





The connection needs to be made in the wiring box at the back. Open the coverplate (G) in order to reach the connection clamps.

The connection cable needs to be brought in through the opening on the *side of the wiring box.*

It is necessary to *ground* the dryer for your personal safety and to ensure a good operation.

115 and 208-240 V - 1 ph

The mains wires (*Ll*) and (*L2*) should be connected to the 2 left blocks and the *yellow/green grounding wire* (*PE*) should be connected to the grounding block.

208-240 and 480 V - 3 ph

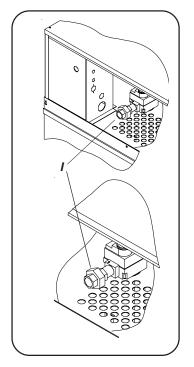
The *3 mains wires (L1), (L2) and (L3)* should be connected to the 3 left blocks and the *yellow/green grounding wire (PE)* should be connected to the grounding block.

380-415V - 3 ph

The *3 mains wires (L1), (L2) and (L3)* should be connected to the 3 left blocks, the *blue neutral (N)* should be connected to the right block and the *yellow/green grounding wire (PE)* should be connected to the grounding block.

«Attention. Lors des opérations d'entretien des commandes, ètiqueter tous les fils avant de les dèconnecter. Toute erreur de câblage peut être une source de danger et de panne»

Gas connection



The gas supply pipe should be connected to the union (I), which is on the right next to the wiring box on the back.

It is very important to have the connections done by a qualified technician, in order to make sure that the installation is effected in accordance with the prevailing standards and instructions.

The dryer should be connected to the type of gas, which is indicated on the serial plate.

The use *of too small gas pipes* can result in unsufficient gas supply, which can lead to a bad heating-up and a poor drying quality.

When the dryer is used in combination with a weighing platform, the gas supply pipe has to be made of flexible material to allow the weighing system to keep moving freely.



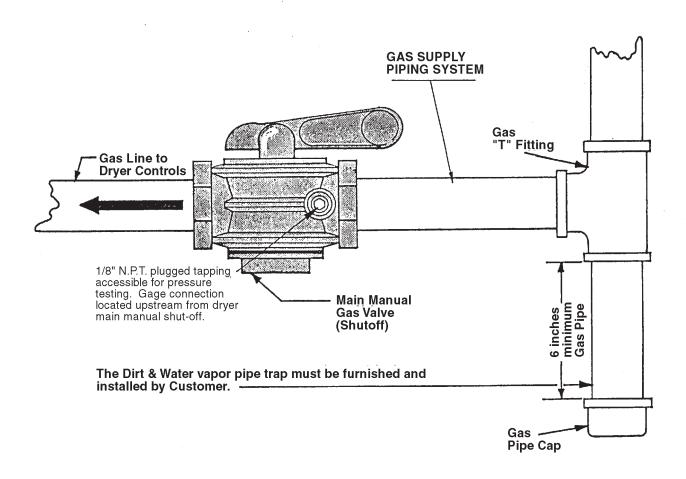
Test all connections for possible leaks by means of a soap solution, but *never with a flame*.

It is important to work with the right gas pressure (see technical remarks) in order to obtain a good ignition, heating and consequently a good operation in general.

After the gas supply has been connected, the gas tap in the dryer should beturned on (clockwise).

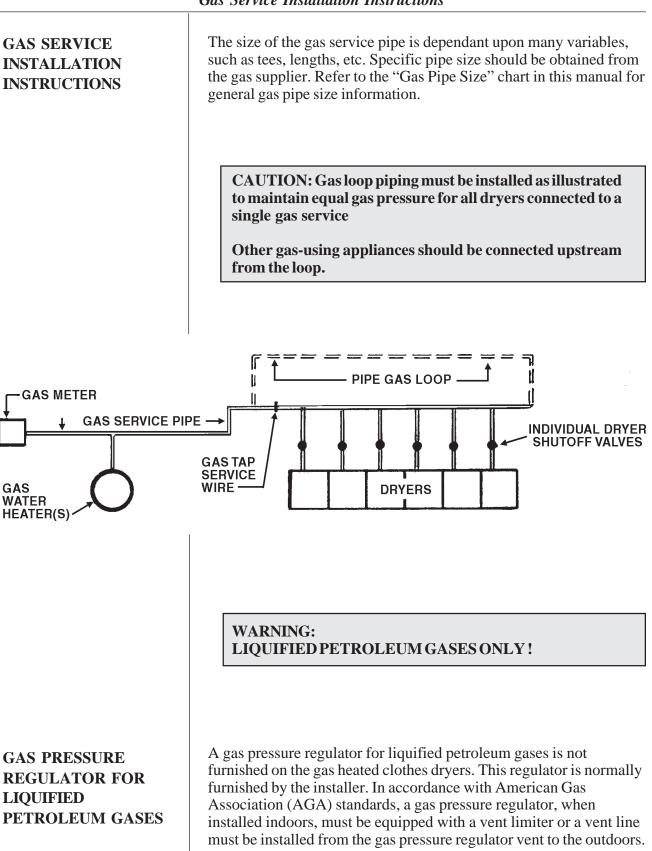
GAS PIPING INSTALLATION

| | AUTION: Low gas pressure and intermittent gas will cause signition problems and inadequate drying of laundry. |
|----|--|
| | |
| 6. | L.P. gas only—manifold pressure—13" water column (32.4 mbar) maximum. |
| 5. | Natural gas only—check the gas pressure inlet supply to dryer, 11" water column (27.4 mbar) maximum. Manifold pressure—3.5" water column (8.8 mbar) pressure . |
| 4. | Check with utilities company for proper gas pressure and gas supply line. |
| 3. | Check the altitude of dryer. |
| 2. | Check identification nameplate for type of gas for dryer. |
| 1. | The installation must conform with local codes, or in the absence of local codes with the <i>National Fuel Gas Code as, ANSI Z223.1 or the CAN/CGA-B149, Installation Codes.</i> |
| | |



The dryer and it's individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (.04 bar).

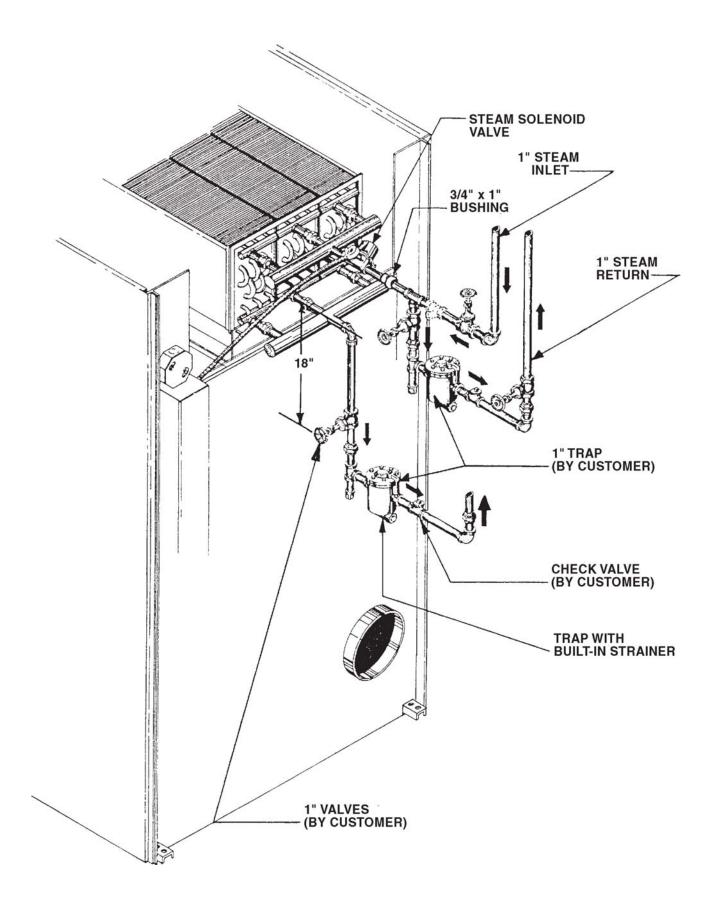
The dryer must be isolated from the gas supply piping system by closing it's individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (.04 bar).



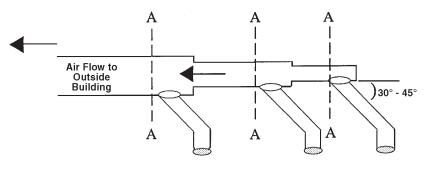
| TOTAL BTU/HR (for LP Gas correct total BTU/HR below by multiplying by .6) | TOTAL KCAL | | GAS PIPE SIZE FOR 1000 BTU (250 KCAL) NATURAL GAS AT 7' (17.5 MM) W.C. PRESSURE In figuring total length of pipe, make allowance for tees and elbows. | | | | | | | | | | |
|--|---------------|--------------------|---|---------------------|----------------------|---------------------|----------------------|--|--|--|--|--|--|
| | HOUR | (25 ft.) 7,62 m | (50 ft.) 15,24 m | (75 ft.) 22,86 m | (100 ft.) 30,48 m | (125 ft.) 38,1 m | (150 ft.) 45,72 m | | | | | | |
| 60,000 | 15000 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | | | | | | |
| 80,000 | 20000 | 3/4 | 3/4 | 3/4 | 1 | 1 | 1 | | | | | | |
| 100,000 | 25200 | 3/4 | 3/4 | 1 | 1 | 1 | 1 | | | | | | |
| 120,000 | 30200 | 3/4 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| 140,000 | 35200 | 3/4 | 1 | 1 | 1 | 1 | 1 1/4 | | | | | | |
| 160,000 | 40300 | 3/4 | 1 | 1 | 1 1/4 | 1 1/4 | 1 1/4 | | | | | | |
| 180,000 | 45300 | 1 | 1 | 1 | 1 1/4 | 1 1/4 | 1 1/4 | | | | | | |
| 200,000 | 50400 | 1 | 1 | 1 1/4 | 1 1/4 | 1 1/4 | 1 1/2 | | | | | | |
| 300,000 | 75600 | 1 | 1 1/4 | 1 1/4 | 1 1/2 | 1 1/2 | 1 1/2 | | | | | | |
| 400,000 | 100800 | 1 1/4 | 1 1/4 | 1 1/2 | 1 1/2 | 1 1/2 | 2 | | | | | | |
| 500,000 | 126000 | 1 1/4 | 1 1/2 | 1 1/2 | 2 | 2 | 2 | | | | | | |
| 600,000 | 151200 | 1 1/2 | 1 1/2 | 2 | 2 | 2 | 2 | | | | | | |
| 700,000 | 176400 | 1 1/2 | 2 | 2 | 2 | 2 | 2 1/2 | | | | | | |
| 800,000 | 202000 | 1 1/2 | 2 | 2 | 2 | 2 1/2 | 2 1/2 | | | | | | |
| 900,000 | 230000 | 2 | 2 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | | | | | | |
| 1,000,000 | 250000 | 2 | 2 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | | | | | | |
| 1,100,000 | 270000 | 2 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | | | | | | |
| 1,200,000 | 300000 | 2 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | | | | | | |
| 1,300,000 | 330000 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 3 | | | | | | |
| 1,400,000 | 350000 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | 3 | 3 | | | | | | |
| 1,500,000 | 380000 | 2 | 2 1/2 | 2 1/2 | 2 1/2 | 3 | 3 | | | | | | |
| 1,600,000 | 400000 | 2 | 2 1/2 | 2 1/2 | 3 | 3 | 3 | | | | | | |
| 1,700,000 | 430000 | 2 | 2 1/2 | 2 1/2 | 3 | 3 | 3 | | | | | | |
| 1,800,000 | 450000 | 2 1/2 | 2 1/2 | 3 | 3 | 3 | 3 | | | | | | |
| 1,900,000 | 480000 | 2 1/2 | 2 1/2 | 3 | 3 | 3 | 3 | | | | | | |
| 2,000,000 | 504000 | 2 1/2 | 2 1/2 | 3 | 3 | 3 | 3 1/2 | | | | | | |
| 2,200,000 | 550000 | 2 1/2 | 3 | 3 | 3 | 3 1/2 | 3 1/2 | | | | | | |
| 2,400,000 | 605000 | 2 1/2 | 3 | 3 | 3 | 3 1/2 | 3 1/2 | | | | | | |
| 2,600,000 | 650000 | 2 1/2 | 3 | 3 | 3 1/2 | 3 1/2 | 3 1/2 | | | | | | |
| 2,800,000 | 705000 | 2 1/2 | 3 | 3 | 3 1/2 | 3 1/2 | 3 1/2 | | | | | | |
| 3,000,000 | 750000 | 2 1/2 | 3 | 3 1/2 | 3 1/2 | 3 1/2 | 4 | | | | | | |
| 3,200,000 | 806000 | 3 | 3 | 3 1/2 | 3 1/2 | 3 1/2 | 4 | | | | | | |
| 3,400,000 | 850000 | 3 | 3 1/2 | 3 1/2 | 3 1/2 | 4 | 4 | | | | | | |
| 3,600,000 | 907000 | 3 | 3 1/2 | 3 1/2 | 3 1/2 | 4 | 4 | | | | | | |
| 3,800,000 | 960000 | 3 | 3 1/2 | 3 1/2 | 4 | 4 | 4 | | | | | | |
| 4,000,000 | 1000000 | 3 | 3 1/2 | 3 1/2 | 4 | 4 | 4 | | | | | | |

STEAM PIPING INSTALLATION INSTRUCTIONS

- 1. Set and anchor dryer in position. Machine should be level to assure proper steam circulation.
- 2. To prevent condensate draining from headers to dryer, piping should have a minimum 12" above respective header. Do not make steam connection to header with a horizontal or downwardly facing tee or elbow.
- 3. Whenever possible, horizontal runs of steam lines must drain, by gravity, to respective steam header. Water pockets, or an imporperly drained steam header will provide wet steam, causing improper operation of dryer. If pockets or improper drainage cannot be eliminated, install a by-pass trap to drain condensate from the low point in the steam supply header to the return.
- 4. In both steam supply and steam return line, it is recommended that each have a 3/4" union and 3/4" globe valve. This will enable you to disconnect the steam connections and service the dryer while your plant is in operation.
- 5. Before connecting trap and check valve to dryer, open globe valve in steam supply line and allow steam to flow through dryer to flush out any dirt and scale from dryer. This will assure proper operation of trap when connected.
- 6. After flushing system, install bucket trap (with built-in strainer) and check valve. For successful operation of dryer, install trap 18" below coil and as near to the dryer as possible. Inspect trap carefully for inlet and outlet markings and install according to trap manufacturer's instructions. If steam is gravity returned to boiler, omit trap but install check valve in return line near dryer.
- 7. Install union and globe valve in return line and make final pipe connections to return header.



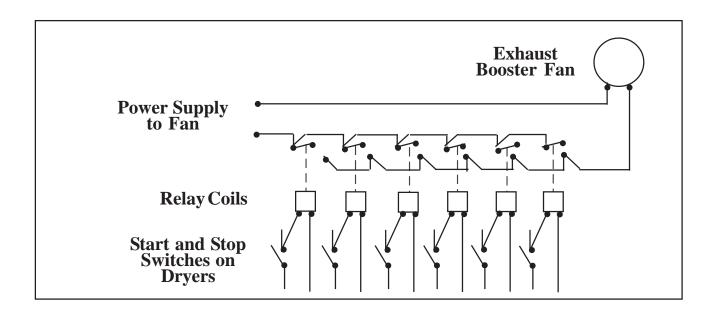
For Exhaust Duct less than 14 feet (5 m) and 2 elbows equivalent and less than 0.3 inches (.8 mbar)static pressure.

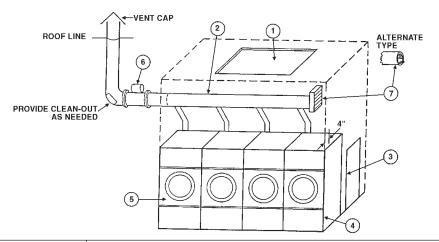


DRYER EXHAUSTS

Area of section "A-A" must be equal to the sum of dryer exhaust pipes entering multiple exhaust pipe. (*See chart below*.)

| | HD. | 30S | L | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|-----|
| No. of Dryers | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Duct Diameter (in inches) | 8 | 12 | 14 | 16 | 18 | 20 | 22 | 23 | 24 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| (in CM) | 20 | 30 | 35 | 41 | 46 | 51 | 56 | 58 | 61 | 66 | 68 | 71 | 73 | 76 | 78 | 81 | 84 | 86 | 89 | 91 | 94 | 97 | 99 | 100 |
| (in CM) | 20 | 50 | 55 | 41 | 40 | 51 | 50 | 50 | 01 | 00 | 00 | /1 | 15 | 70 | 70 | 01 | 04 | 80 | 09 | 91 | 94 | 91 | <u>,,,</u> | 100 |





DRYER INSTALLATION WITH MULTIPLE EXHAUST

For Exhaust Duct more than 14 feet (5 m) and 2 elbows equivalent and more than 0.3 inches (.8 mbar) static pressure. (See illustration on page 21.)

- 1. Make-up air from outside building may enter enclosure from top or side walls. (See Dryer Make-Up Air Chart on page 22)
- Use constant diameter duct with area equal to the sum of dryer duct areas.
 EXAMPLE: Six 8 inch (204 mm) diameter ducts = one (1) 19.6 inch (498 mm) diameter duct in area. Use 20 inch (508 mm) diameter duct or diameter to match tube-axial fan.
- 3. Enclosure (plenum) with service door. This separates the dryer air from room comfort air. If dryers use room air instead of outside air, the heat loss can be another 25 Btu/h (6.3 kcal/h) for each cubic foot per minute (cfm) used.
- 4. Zero inches clearance to combustible material allowed on sides and at points within 4 inches (102 mm) of front on top.
- 5. Heat loss into laundry room from dryer fronts *only* is about 60 Btu/h per square foot (15 kcal/h per 0.1m²).
- 6. Flange mounted, belt driven tube-axial fan. Fan must run when one or more dryers are running. See suggested Automatic Electrical Control Wiring Diagram on previous page. Must meet local electrical codes. Fan air flow (cfm) (m³/min.) is equal to sum of dryer air flows, but static pressure (SP) is dependent on length of pipe and number of elbows.
- 7. Barometric bypass damper—adjust to *closed flutter position* with all dryers and exhaust fan running. Must be located within enclosure.





CAUTION: *Never* install hot water heaters or other gas appliances in the same room as dryers. *Never* install cooling exhaust fans in the same room as dryers.

CAUTION: Never exhaust dryers with other types of equipment.

Suggested Minimum Dryer Make-up Air Requirements

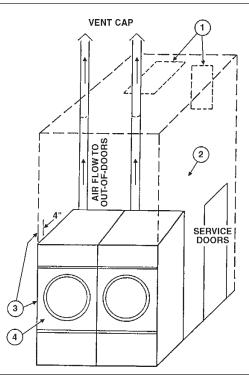
| Dryer Dryer Pocket | | Maximu | m Air Flow | Duct Siz | ze For | Required Make-up | | | | |
|--------------------|----------|--------|------------|----------|---------|-------------------------|--------------------|------|--|--|
| Model | Capacity | | Rate per | · Pocket | Service | e Connection | Air Area per Pocke | | | |
| | lb | kg | cfm | m3/h | inch | mm | sq. inch | cm2 | | |
| IPD 30 ST | 30 | 13.6 | 450 | 765 | 6 | 153 | 87 | 561 | | |
| IPD 75 ST | 75 | 34 | 1000 | 1700 | 12 | 305 | 192 | 1240 | | |
| IPD 110 | 110 | 50 | 2200 | 3740 | 12 | 305 | 422 | 2723 | | |
| IPD 110 E/S | 110 | 50 | 850 | 1445 | 8 | 203 | 163 | 1052 | | |
| IPD 125 | 125 | 56.7 | 2000 | 3400 | 12 | 305 | 384 | 2477 | | |
| IPD 150 | 150 | 68 | 2250 | 3825 | 12 | 305 | 432 | 2787 | | |
| IPD175 | 175 | 79.4 | 2780 | 4726 | 12 | 305 | 534 | 3445 | | |
| IPD190 | 190 | 86.2 | 3000 | 5100 | 12 | 305 | 576 | 3716 | | |
| IPD20.1 | 20 | 9.1 | 450 | 765 | 6 | 153 | 87 | 561 | | |
| IPD30SL | 30 | 13.6 | 600 | 1020 | 8 | 203 | 116 | 748 | | |
| IPD30.1 | 30 | 13.6 | 625 | 1063 | 8 | 203 | 120 | 774 | | |
| IPD50.1 | 50 | 22.7 | 850 | 1445 | 8 | 203 | 164 | 1058 | | |
| IPD75.1 | 75 | 34 | 1000 | 1700 | 8 | 203 | 192 | 1240 | | |
| IPD80.1 | 80 | 36.3 | 1000 | 1700 | 10 | 254 | 192 | 1240 | | |

Notes:

1) The Model C 30 ST has 2 pockets per dryer, each pocket has the above listed characteristics; each pocket is exhausted separately with a 6" (153mm) duct.

2) The Model C 75 ST has 2 pockets per dryer, each pocket has the above listed characteristics; both pockets have one 8" (203mm) exhaust manifolded into one 12" (305mm) exhaust duct for exhaust connection.

3) For the C 30 ST and the C 75 ST Models, the Required Make-up Air Area shown in the table should be doubled since it is shown per pocket, only.



DRYER INSTALLATION WITH SEPARATE EXHAUST (PREFERRED)



For ductwork less than 14 feet (5 m) and 2 elbows equivalent and less than 0.3 inches (.8 mbar) static pressure:

NEVER exhaust the dryer into a chimney.

NEVER install wire mesh screen over the exhaust or make-up air area.

NEVER exhaust into a wall, ceiling, or concealed space.

- 1. Make-up air opening from outside the building may enter the enclosure from the top or side walls. (*See Dryer Make-Up Air Chart on page 22*)
- 2. Enclosure (plenum) with service door. This separates the dryer air from the room comfort air. If dryers use room air instead of outside air, additional heat loss can be another 25 Btu/h (6.3 kcal/h) for each cubic foot per minute (cfm) (.03m³/min.) used.
- 3. The installation clearance from all combustible material is 0" ceiling clearance for the first 4" (102 mm) from the front of the dryer. After the first 4" (102 mm), the ceiling clearance required is 6" (153 mm). The rear clearance required is 0", and the side clearance is 0".
- 4. Heat loss into laundry room from dryer front panels is about 60 Btu/h per square foot (15 kcal/h per 0.1m²).

| | Exhaust and Venting |
|--------------------------------|---|
| DRYER AIR FLOW INSTALLATION | Nothing is more important than air flow for the proper operation of a clothes dryer. A dryer is a pump which draws make-up air from the out-of-doors, through the heater, through the clothes and then forces the air through the exhaust duct back to the out-of-doors. Just as in a fluid water pump, there must be a fluid air flow to the inlet of the dryer, if there is to be the proper fluid air flow out of the exhaust duct. In summary, there must be the proper size out-of-doors inlet air opening and an exhaust duct, size and length of which allows flow through the dryer with no more than 0.3 inches water column (.8 mbar) static pressure in the exhaust duct. In some instances, special fans are required to supply make-up air, and/or booster exhaust fans are required. |
| | FOR BEST DRYING: |
| | 1. Exhaust duct maximum length 14 feet (5 mm) of straight duct and maximum of two 90° bends. |
| | 2. Use 45° and 30° elbows wherever possible. |
| EXHAUST | Exhaust each dryer separately. Do not install wire mesh or other restrictions in the exhaust duct. |
| DUCT | 5. Use clean-outs in the exhaust duct and clean periodically when needed. 6. Never exceed 0.3 inches water column (.8 mbar) static pressure in the exhaust duct. |
| | 7. Inside surface of the duct must be smooth. |
| | 8. Recommend pop rivets for duct assembly. |
| MAKE-UP AIR | FOR BEST DRYING: 1. Make-up air from outside the building may enter the enclosure from the top or side walls. See <i>Suggested Minimum Dryer Make-up Air Requirements</i> on page 20. 2. Use barometric shutters in the inlet air opening to control air when dryers are not running. |
| OTHER RECOMMENDATIONS | Other Recommendations To assure compliance, consult local building code requirements. |
| | |
| TROUBLESHOOTING | Troubleshooting Hot dryer surfaces, scorched clothes, slow drying, lint accumulations, or air switch malfunction are indicators of exhaust duct and/or make-up air problems. |
| | |
| | |
| | |

Exhaust and Venting

Rules for Safe Operation of Dryer

| RULES FOR SAFE OPERATION OF DRYER | Be sure your dryer is installed properly in accordance with the recommended instructions. CAUTION Be safe—shut main electrical power supply and gas supply off externally before attempting service. CAUTION Never use drycleaning solvents: gasoline, kerosene, or other flammable liquids in the dryer. <i>Fire and explosion will occur</i>. Never put fabrics treated with these liquids into the dryer. Never use these liquids near the dryer. Always keep the lint screen clean. Never use heat to dry items that contain plastic, foam or sponge rubber, or rags coated with oils, waxes or paints. The heat may damage the material or create a fire hazard. Rubber easily oxidizes, causing excessive heat and possible fire. Never dry the above items in the dryer. Second with oils on or operate the dryer is turned on. Never use dryer door opening and top as a step stool. Read and follow manufacturer's instructions on packages of laundry and cleaning aids. Heed any warnings or precautions. Never tumble fiberglass materials in the dryer unless the labels say they are machine dryable. Glass fibers break and can remain in the dryer and could cause skin irritation if they become mixed into other fabrics. Reference lighting and shut-down instructions and wiring diagrams are located on the rear wall of the dryer cabinet. The dryer must not be installed or stored in an area where it will be exposed to water and/or weather. Aution of the dryer cabinet. Aution of the dryer cabinet. Aution of the dryer cabinet. Aution of the dryer material or stored in an area where it will be exposed to water and/or weather. Aution of the dryer cabinet. Aution |
|--------------------------------------|---|
| ENERGY-SAVING TIPS | Install dryer so that you can use short, straight venting. Turned elbows and long vent tubing tend to increase drying time. Longer drying time means the use of more energy and higher operating costs. Operate dryer using full-size loads. Very large loads use extra energy. Very small loads waste energy. Dry light-weight fabrics separately from heavy fabrics. You will use less energy and get more even drying results by drying fabrics of similar weight together. Clean the lint screen area daily. A clean lint screen helps give faster, more economical drying. Do not open the dryer door while drying. You let warm air escape from the dryer into the room. Unload the dryer as soon as it stops. This saves having to re-start your dryer to remove wrinkles. |

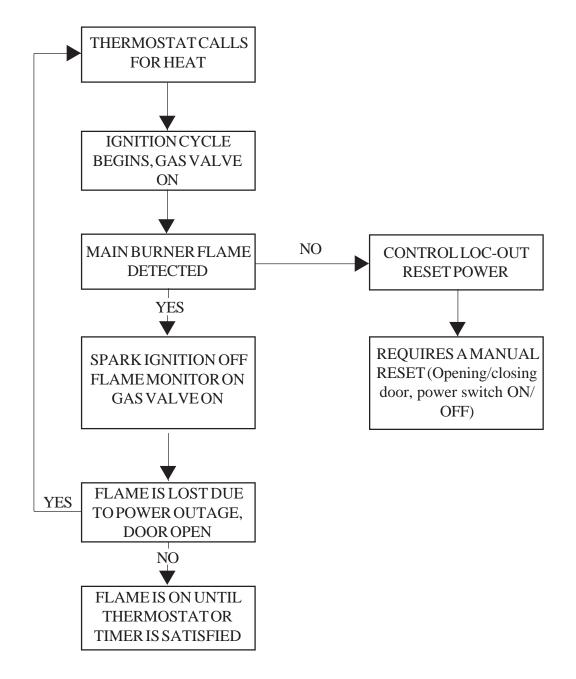
DIRECT SPARK IGNITION OPERATION

| ign dry A t to a (as | OTE: All dryers manufactured are equipped with the DSI (direct spark ition) modules. These are designed to increase dryer efficiency and to reduce ver operating costs. The main burner is directly ignited from a spark electrode. burning flame provides an electrical path for a small amount of sensing current allow gas valve operation. If the main burner flame extinguishes for any reason ide from the thermostatic control) sensing current will shut down the gas valve d the spark ignition circuit. | |
|----------------------------------|---|--|
| 1. | Once flame is established, the spark shuts off, and the main burner flame is then electronically monitored by means of a sensing spark probe which is located over the burner. The gas valve remains energized (open). | |
| 2. | If no flame is detected within the first 11 seconds the DSI will go into a safety "lock-out". The gas valve is de-energized. | |
| 3. | Recovery from a safety lockout requires one of the following: | |
| | A. Opening the main door thus interrupting power to the DSI module and allowing dryer diagnostic trouble shooting. | |
| | B. Disconnecting the entire dryer from a power source using a circuit breaker or a switch. | |
| 4. | By closing the main door the ignition circuit will be restored for another trial of the ignition circuit. | |
| 5. | Once the thermostatic control has been satisfied by reaching a pre-set temperature or the drying timer has been timed out, the ignition circuit will be de-energized thus extinguishing the flames. | |
| 6. | The dryer will continue to run in a cool-down mode without heat. This process will cool the load to the touch and help to eliminate wrinkling. | |
| 7. | The cool - down time is pre-set on some models and manually set on other dryer models. The cool-down cycle prevents fabric wrinkles by allowing clothes to reach room ambient temperature while still in a continuous tumbling state until clothes are ready to be folded or pressed. | |
| | | |
| | | |
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DIRECT SPARK IGNITION OPERATION FLOW CHART

The DSI module is powered by a 24 volts AC suppled by a step-down transformer in series with eight safety interlocks:

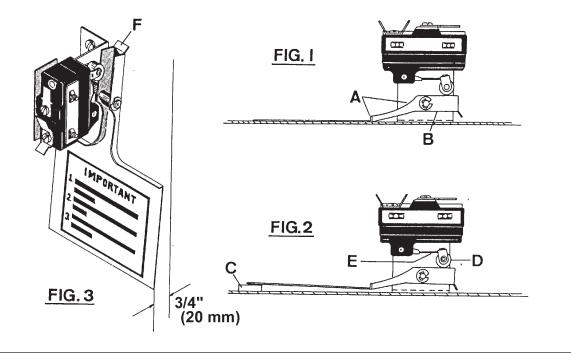
- A. Timer switching device (1)
- B. Main door and lint door switches (2)
- C. Sail switch (1)
- D. Under basket and burner housing thermal safety switches (2)
- E. Variable thermostat (1)
- F. Push to start switch (1)



| 1. | Clean lint trap daily. Remove lint before or after each day of operation. A clean lint trap will increase the efficiency of the dryer and the moisture-laden air will be exhausted outside more quickly. |
|----|--|
| 2. | Keep basket and sweep sheets clean. Clean as often as needed. The basket and sweep sheets are accessible by removing the front panel of the dryer. |
| 3. | Gas burners, steam coils, electric coils. Check and clean often. |
| 4. | Pulleys and belts. Keep clean, as oil and dirt will shorten the life of a belt. Check periodically for alignment. Pulley shafts must be parallel and the grooves must be aligned. Check belt tension periodically. Adjust tension by movement of idler bracket. |
| 5. | Electric motor. Keep motor clean and dry. Motors are packed with sufficient grease for 10 years normal service. After that, bearings and housing should be cleaned and repacked one-third full with Chevron grease No. SR1-2. See label on motor for further information. |
| | If motor overheats, check voltage and wiring. Low voltage, inadequate wiring and loose connections are the main cause of motor failures. |
| 6. | Adjustable leveling bolts. One at each corner permits accurate alignment of dryer. To adjust: Block one corner of dryer up off the floor, loosen hex nut. With wrench, turn bolt clockwise to raise dryer, opposite to lower. Rear bolts are outside of dryer and front bolts are inside lint trap compartment. |
| | 2. 3. 4. 5. |

| GENERAL MAINTENANCE | 7. | Periodically clean and examine exhaust system. |
|------------------------|-----|--|
| (continued) | 8. | Keep dryer area clean and free of gasoline, combustible materials and other flammable liquids or vapors. |
| | 9. | Do not obstruct the flow of combustion (make-up) air and ventilating air. |
| | 10. | Check gas pressure periodically. |
| | | |
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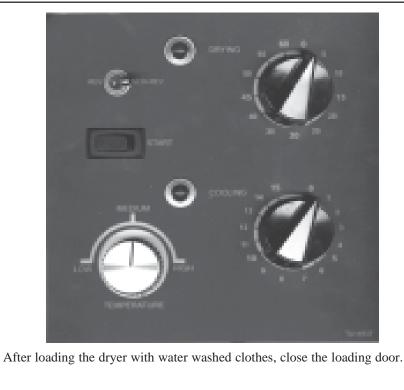


AIR SWITCH ADJUSTMENT

- 1. Shut off current; disconnect leads and remove air switch.
- 2. Lay air switch assembly on flat surface. Adjust air blade at "A" (figure 1) so that air blade lays flat and surface "B" is parallel to the flat surface.
- 3. Place 3/8" x 5/8" (10 mm x 16 mm) spacer bar or equivalent "C" (figure 2) under air blade in position shown; hold switch mounting bracket firmly and adjust switch actuator "D" with needle nose pliers at "E" by twisting actuator right or left, whichever is needed, so that switch closes when end of air blade engages bar "C".
- 4. Maximum opening of air switch must be no greater than 3/4" (20 mm) (figure 3). Bend tab "F" in or out to maintain this dimension.
- 5. Re-install air switch assembly on rear of dryer.
- 6. Re-check operation of air blade. Switch must close before air blade engages face of opening and re-open before stop "F" engages.

OPERATING INSTRUCTION - DOUBLE TIMER

OPERATING INSTRUCTIONS -DOUBLE TIMER MODELS



- 2. Turn the 60 minute drying (heat) timer to the desired time.
- 3. Turn the 15 minute cooling (air) to the desired time.
- 4. Select the temperature desired: Low, Medium, or High.

HIGHHEAT

1.

 175° F (80° C) exhaust temperature, heavy fabrics and hard to dry, such as cottons, towels, denim, etc..

PERMANENT PRESS (medium)

 155° F (69° C) exhaust temperature, synthetic blends, including a mixed wash load.

LOWHEAT

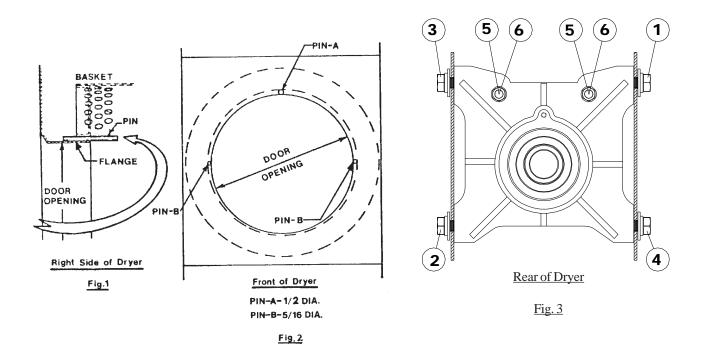
135° F (58° C) exhaust temperature, delicate, sheer fabrics.

- 5. Press the "push to start" button to start the drying cycle. The heat or drying light will stay on until the drying cycle is completed
- 6. At the end of the drying cycle, the cool down cycle will automatically count down until all time runs out. The cool down light will stay on until the end of the cycle.

IMPORTANT

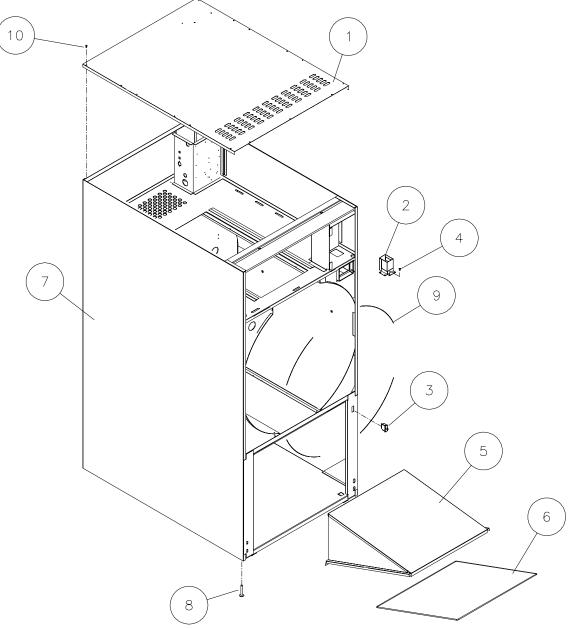
- 7. Drying cycle will not start unless a few minutes of the cool-down cycle are set on the cooldown timer.
- 8. To shut the dryer off at any time during the cycles by opening the door.

INSTRUCTIONS FOR ALIGNING BASKET ON CISSELL DRYER



- Loosen the 4 cast iron bearing bolts (1, 2, 3 & 4) on rear of dryer, and 2 adjusting bolts #5, on gear reducer housing. (Fig. 3).
- 2. Place one "A" and two "B" diameter pins inside the drying compartment between the rim of the basket opening and the rim of the door opening in the positions shown in Figure 1 and Figure 2. Check the two "B" pins for equal clearance.
- 3. With the pins in position, tighten the two No. 5 bolts until flush against back of dryer. Retighten cast iron bearing mounting bolts in the numerical order indicated in Figure 3. Tighten lock nuts No. 6 to secure bolts No. 5 in position. Then remove pins.
- 4. Check the space between basket and door opening at "A" pin and "B" pin positions (Figure 2). If the gap is not approximately the same on both sides, repeat steps 1, 2 & 3.
- NOTE: Use short sections of round steel rod for pins or drill bits may be used in place of round rod.

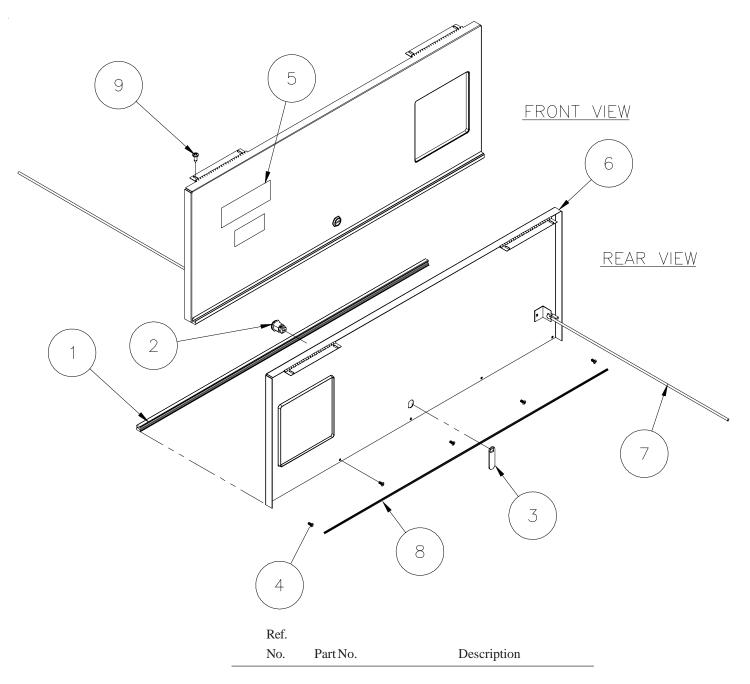
FRONT VIEW



Ref.

| No. | Part No. | Description |
|-----|----------------------------------|---------------------------------|
| | | |
| 1 | TU15131 | Тор |
| 2 | CSA-01435-0 | Coin chute w/a |
| 3 | EA-11621-0 Microswitch lint door | |
| 4 | SC404 | Pop rivet |
| 5 | TU10290 | Lint trap w/a |
| 6 | TU10362 | Lint Screen |
| | TU5225 | Lint screen frame |
| 7 | TU15030WH | Jacket (white) |
| 8 | TU3211 | Leveling bolt |
| 9 | 430146179 | Gasket |
| 10 | TU7733 | Screw self drilling 8-18 X 1/2" |

CONTROL DOOR ASSEMBLY

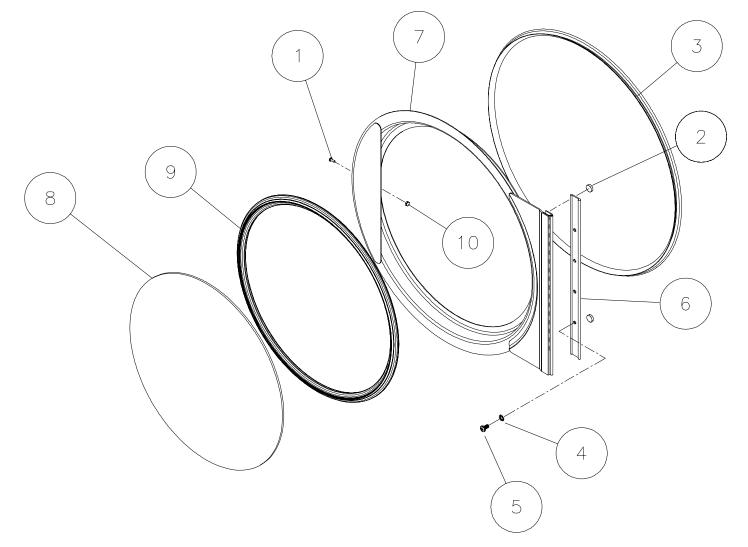


CSA-01415* - Access Door Complete

| 1 | CA-00857-0 | Trim - Control door |
|---|------------|------------------------------------|
| 2 | LA-00121-0 | Lock - Control door |
| 3 | LA-11941-0 | Camlock-Control door |
| 4 | SB-00951-0 | Screw -Phillips #8 X 7/16 flat hd. |
| 5 | IPS104 | Logo |
| 6 | CSA-01416* | Panel - Welded asm. |
| 7 | TU15446 | Support arm. |
| 8 | CA-13098-0 | Door Gasket |
| 9 | TU7733 | Screw, #8-18 self drilling |
| | | |

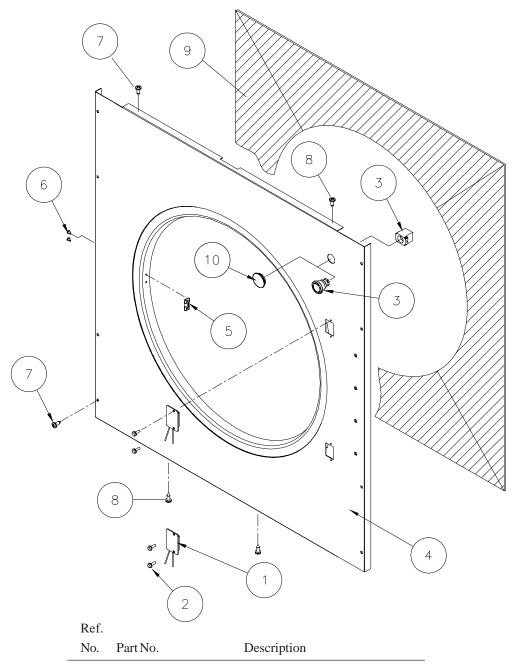
* Specify Color

DOOR ASSEMBLY



| Ref No. | | Description |
|------------|------------|-------------------------------------|
| | TU15110 | Complete door assy (Indicate color) |
| 1 | CA-13218 | Catch pin |
| 2 | TU15536 | Magnet - read switch |
| 3 | MD-00360-0 | Gasket - door rim gasket |
| 4 | SB-00852-0 | Washer 1/4" external starluck |
| 5 | SB-00921-0 | Screw 1/4"-20 round head |
| 6 | TU15073 | Door hinge spacer |
| 7 | TU15076 | Door rim w/a |
| 8 | TU15107 | Door glass |
| 9 | TU15108 | Door glass gasket |
| 10 | TU4840 | #10-32 Crown nut |
| | | |

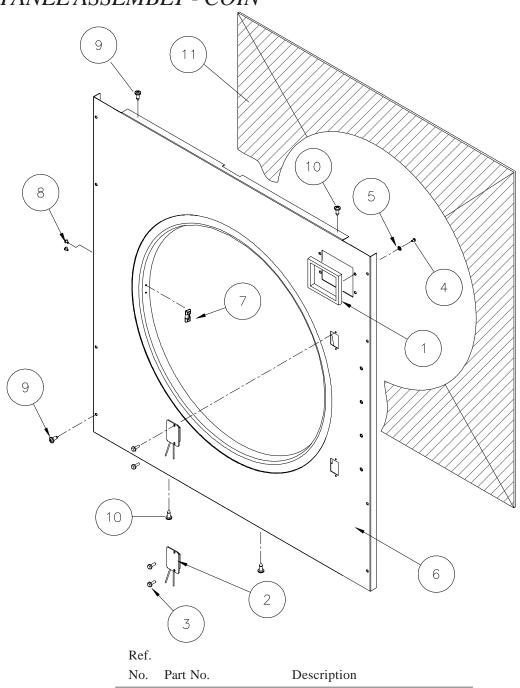
FRONT PANEL ASSEMBLY - OPL



TU14545WHT - Front panel assembly complete (E-stop button) TU15725WHT - Front panel assembly complete (with out E-stop button)

| 1 | ESA-00862-0 | Reed switch |
|----|-------------|-----------------------------|
| 2 | SB-00975-0 | #6-32 Screw |
| 3 | TU14435 | Emergency stop |
| 4 | TU14543WHT | Front panel W/A - OPL |
| 5 | TU2876 | Door catch |
| 6 | TU3213 | Pop rivet |
| 7 | SB-00915-0 | Screw, #10-16 self drilling |
| 8 | SB-00836-0 | #10 Pancake screw |
| 9 | TU14992 | Insulation |
| 10 | TU15724 | Button plug |
| | | |

FRONT PANEL ASSEMBLY - COIN

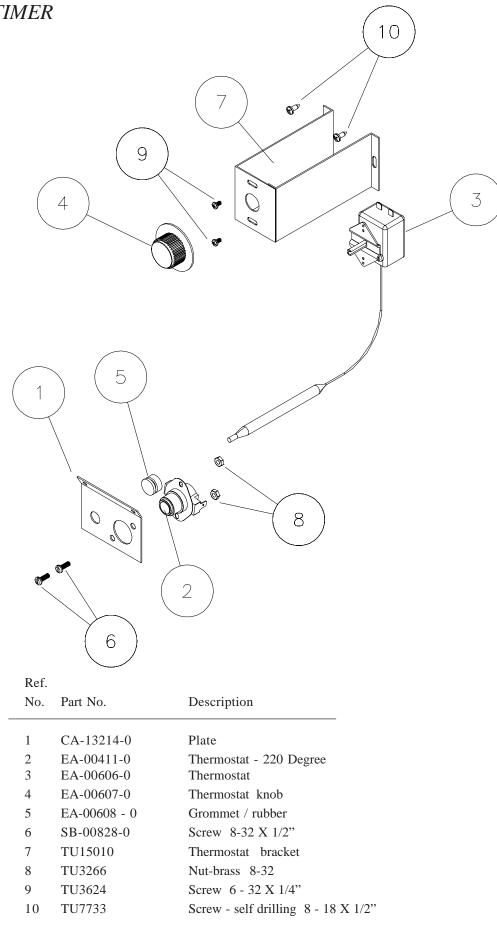


CSA-01413WH - Front panel assembly complete

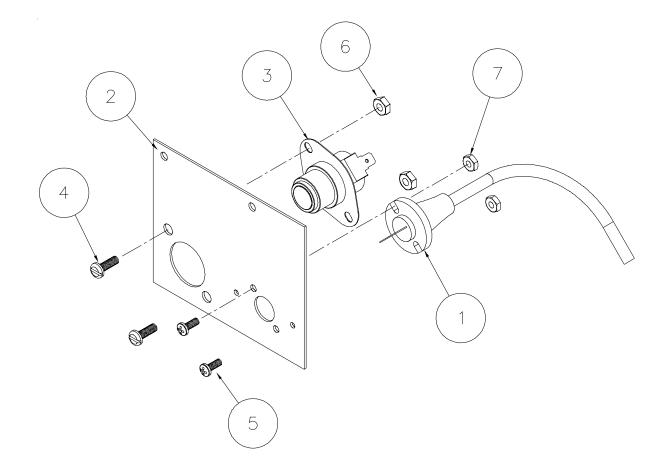
| 1 | CA-00699-0 | Bezel - Coin box |
|----|-------------|----------------------------|
| 2 | ESA-00862-0 | Reed switch |
| 3 | SB-00975-0 | #6-32 Screw |
| 4 | SB-00924-0 | 4-40 x 3/8 Screw |
| 5 | SB-00938-0 | #4 Ext. tooth lockwasher |
| 6 | CSA-01414WH | Front panel W/A - Coin |
| 7 | TU2876 | Door catch |
| 8 | TU3213 | Pop rivet |
| 9 | SB-00915-0 | #10-16 Self drilling screw |
| 10 | SB-00836-0 | #10 Pancake screw |
| 11 | TU14992 | Insulation |
| | | |

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THERMOSTAT ASSEMBLY FOR DOUBLE TIMER



THERMOSTAT ASSEMBLY FOR DX3 COIN & OPL

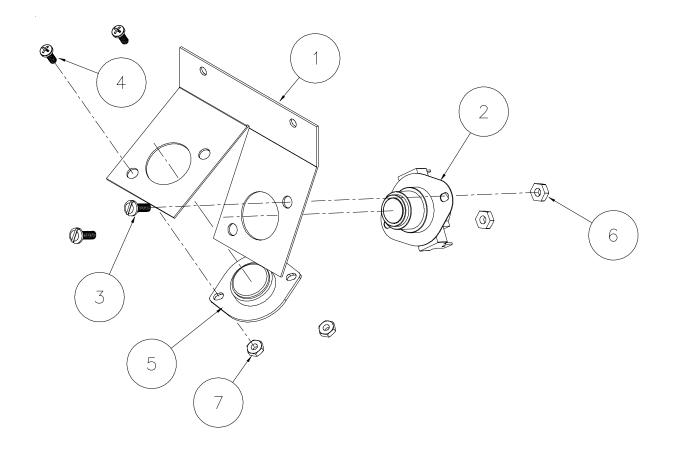


| Ref. | | |
|------|----------|-------------|
| No. | Part No. | Description |

ESA-00940-0-Complete Assmebly

| 1 | 254/00009/10 | Temp. Sensor |
|---|--------------|-------------------|
| 2 | CA-13067 | Mtg. bracket |
| 3 | EA-00411-0 | Switch-220Switch |
| 4 | SB-00828 | #8-32 x 1/2 Screw |
| 5 | SB-00952 | #6-32 x 3/8 Screw |
| 6 | TU3266 | #8-32 Hex nut |
| 7 | TU3400 | #6-32 Hex nut |

THERMOSTAT ASSEMBLY FOR DMP COIN & OPL



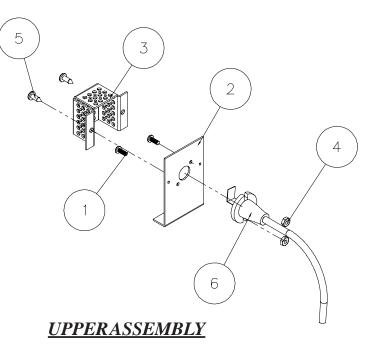
| Ref. | | |
|------|----------|-------------|
| No. | Part No. | Description |

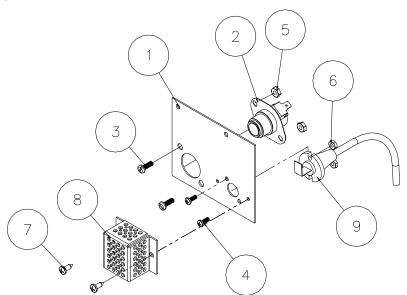
ESA-00961-0-Complete Assmebly

| 1 | CA-13172 | Mtg. bracket |
|---|----------|-------------------|
| 2 | EA-00411 | Switch-220 Degree |
| 3 | SB-00828 | #8-32x1/2 Screw |
| 4 | SB-00952 | #6-32x3/8Screw |
| 5 | TU11991 | Thermistor |
| 6 | TU3266 | #8-32 Hex nut |
| 7 | TU3400 | #6-32 Hex nut |

PROHC SENSOR ASSEMBLY - UPPER and LOWER

| Ref. | | |
|------|--------------|------------------------------------|
| No. | Part No. | Description |
| | TU14724 | PROHC Sensor assembly (upper) |
| 1 | SB-00952-0 | Screw, #6-32x 3/8" long |
| 2 | TU14693 | Mounting plate upper probe |
| 3 | TU14694 | Cover plate, probe |
| 4 | TU3400 | Nut,#6-32 |
| 5 | TU7733 | Screw, self drill #8-18x 1/2" long |
| 6 | 254/00060/10 | Humidity sensor |





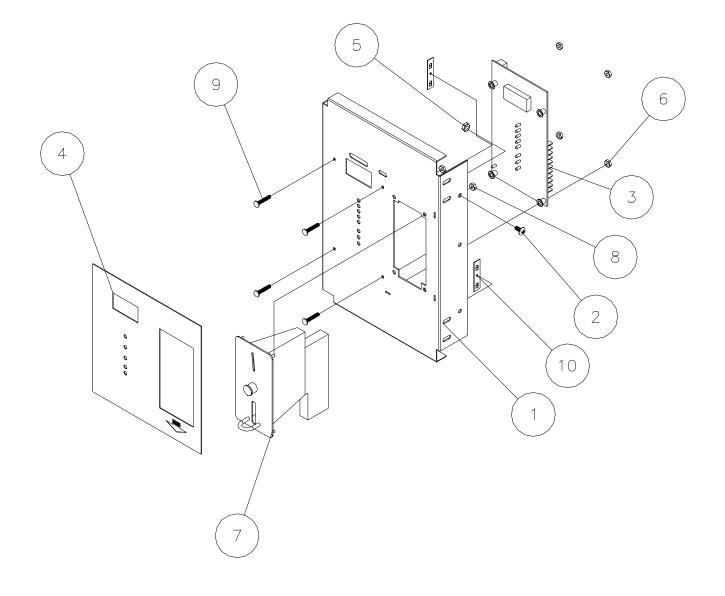
| ŀ | S | e | t | |
|---|---|---|---|--|
| | | | | |

LOWERASSEMBLY

| Ref. No. | Part No. | Description |
|-------------|--------------|------------------------------------|
| | TU14723 | PROHC Sensor assembly (lower) |
| 1 | CA-13067-0 | Bracket (sensor) |
| 2 | EA-00411-0 | Switch - 220 degrees |
| 3 | SB-00828-0 | Screw, machine #8-32x 1/2" long |
| 4 | SB-00952-0 | Screw, #6-32x 3/8" long |
| 5 | TU3266 | Nut, hex brass #8-32 |
| 6 | TU3400 | Nut, hex brass #6-32 |
| 7 | TU7733 | Screw, self drill #8-18x 1/2" long |
| 8 | TU14694 | Cover, plate |
| 9 | 254/00060/10 | Humidity sensor |
| | | |

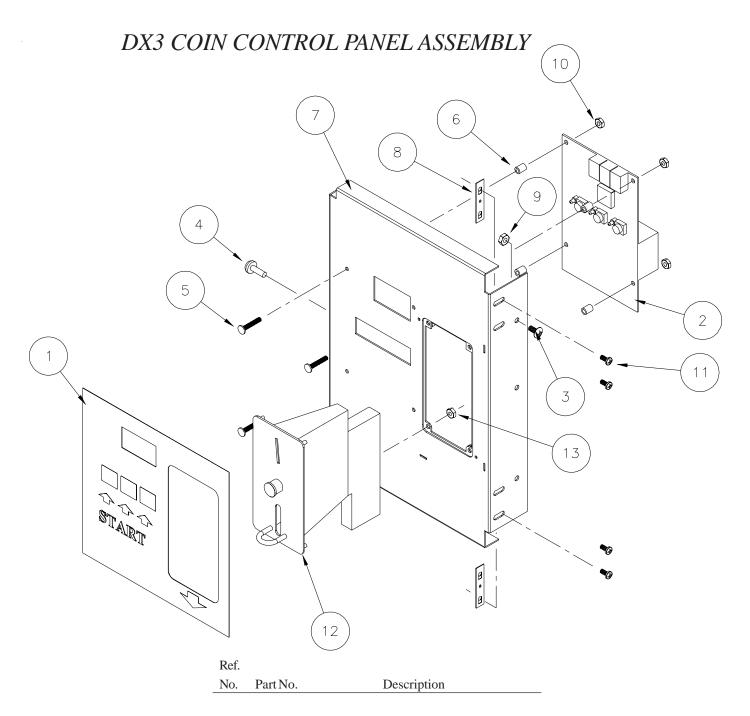
| | | 5 | MECHA | | | | |
|-------------|--------------------|-----------------------------|----------------------|-------------|----------------------|-------------------------|-------------------|
| Ref. No. | Part No. | Description | (9 | Ref. No. | ℃ Part No. | D | escription |
| | | | | | | | |
| | TU15251 - Cor | mplete Assembly | | 8 9 | TU15265 TU1771 | Terminal b Tinnerman | |
| 1 | CM7366 | Coin meter 24V, 25 C. | F/10 Minutes | 10 | TU3266 | #8-32 Hex | |
| 2 | EA-00619-0 | Start switch | | 11 | TU3400 | #6-32 Hex | |
| 3 | M262 | #8-32 Screw | | 12 | TU4958 | #8-32 Carr | |
| 4 5 | P104 SB-00915-0 | 1/4" Washer #10-16 Screw | | 13 | TU9524 | #6 S.M. Sc | crew |
| 5 6 | TU12253 | #6-32 Stud | | 14 15 | TUD0355 TUT316 | Overlay LED light | 24V W 1/4 Q.C. |
| 7 | TU15250 | Control panel | | 15 | SEE BELOW | | 2 I I II I/T Q.C. |
| | | - | | - | | r | FIMER MOTORS |
| | | CISSELL PART NO. | VENDOR PAI | RT NO. | NO. OF PINS | 30 MIN | 60 MIN |
| | | TU3009 | 59-439-2 | | 2 | 15 | 30 |
| | | TU3010 | 59-439-3 | | 3 | 10 | 20 |
| | | TU3011 | 59-439-4 | | 4 | 7-1/2 | 15 |
| | | TU3012 | 59-439-5 | | 5 | 6 | 12 |
| | | TU3013 TU3014 | 59-439-6 59-439-8 | | 6 8 | 5 3-3/4 | 10 7-1/2 |
| | | TU3015 | 59-439-8 59-439-9 | | o 9 | 3-3/4 | 6-2/3 |
| | | TU3016 | 59-439-10 | | 10 | 3 | 6 |
| | | TU3017 | 59-439-12 | | 12 | 2-1/2 | 5 |
| | | | | 40 | | . – | - |

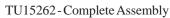
DMP COIN CONTROL ASSEMBLY



TU15256 - Complete Assembly

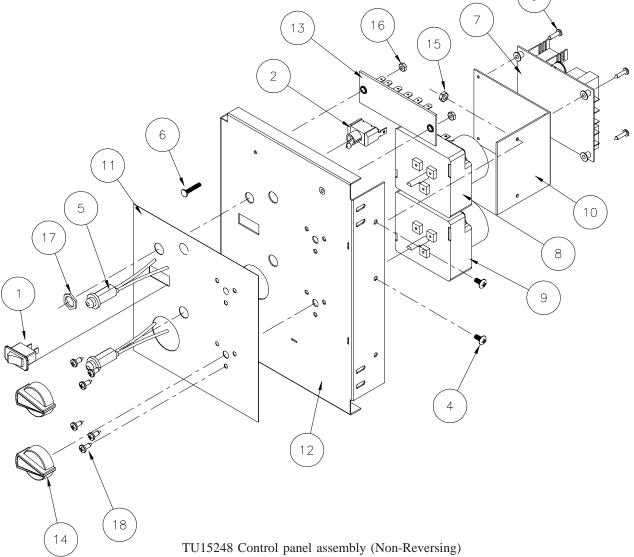
| 1 | TU15255 | Control panel w/a |
|----|---------|---------------------------------|
| 2 | M262 | Screw, mach truss HD #8-32X3/8" |
| 3 | TU14404 | Controller OPL/COIN board new |
| 4 | TU14406 | Overlay |
| 5 | TU3266 | Nut, hex-brass #8-32 |
| 6 | TU3400 | Nut, hex #6-32 |
| 7 | TUD0336 | Coin drop-hanke, 25 C. |
| 8 | TUD0367 | Nut, hex - #5-40 machine |
| 9 | TU12253 | Stud, self clinch |
| 10 | TU1771 | Nut, speed twin type |





| 1 | 254/00033/00 | Overlay | | |
|---------|--------------|-----------------------|--|--|
| 2 | 254/00066/00 | Control board | | |
| 3 | M262 | #8-32 Screw | | |
| 4 | SB-00915-0 | #10-16Screw | | |
| 5 | TU12253 | #6-32 Stud | | |
| 6 | TU14701 | Nylon spacer | | |
| 7 | TU15414 | Control panel W/A | | |
| 8 | TU1771 | Tinnerman nut | | |
| 9 | TU3266 | Nut, hex. brass #8-32 | | |
| 10 | TU3400 | #6-32 Hex nut | | |
| 11 | TU9524 | #6S.M.Screw | | |
| 12 | TUD0336 | Coin drop | | |
| 13 | TUD0367 | #5-40Nut | | |
| Page 44 | | | | |

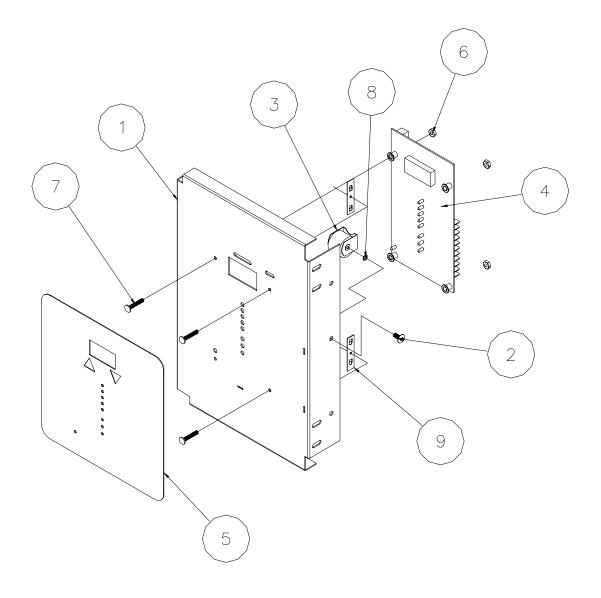
CONTROL PANEL ASSEMBLY (DUAL TIMER) REVERSING and NON-REVERSING



TU15249 Control panel assembly (Reversing) * - Parts used on TU15249 only

| Ref. | | | Ref. | | |
|------|------------|----------------------------------|------|----------|------------------------------|
| No. | Part No. | Description | No. | Part No. | Description |
| | | | | | |
| 1 | EA-00619-0 | Switch - start | 10 | TU14931* | Bracket, mounting rev. board |
| 2 | FG147* | Toggle switch spst 2 position | 11 | TU14936 | Overlay, non-reversing |
| 3 | F540* | Screw, sheet metal #6x 5/8" long | | TU14937* | Overlay, reversing |
| 4 | M262 | Screw, machine truss HD. #8-32 | 12 | TU15247 | Control panel |
| 5 | TUT316 | Light, led 24V | 13 | TU15265 | Terminal board |
| 6 | TU12253 | #6-32 Screw | 14 | TU2555 | Knob |
| 7 | TU12874* | Timer, solid state | 15 | TU3266 | Nut, hex. brass #8-32 |
| 8 | TU12932 | Timer 0-60 sec. | 16 | TU3400 | #6-32 Hex nut |
| 9 | TU12933 | Timer 0-15 sec. | 17 | TU3805 | Nut |
| | | | 18 | TU7733 | Screw, self drill #8-18 |

DMP OPL CONTROL ASSEMBLY

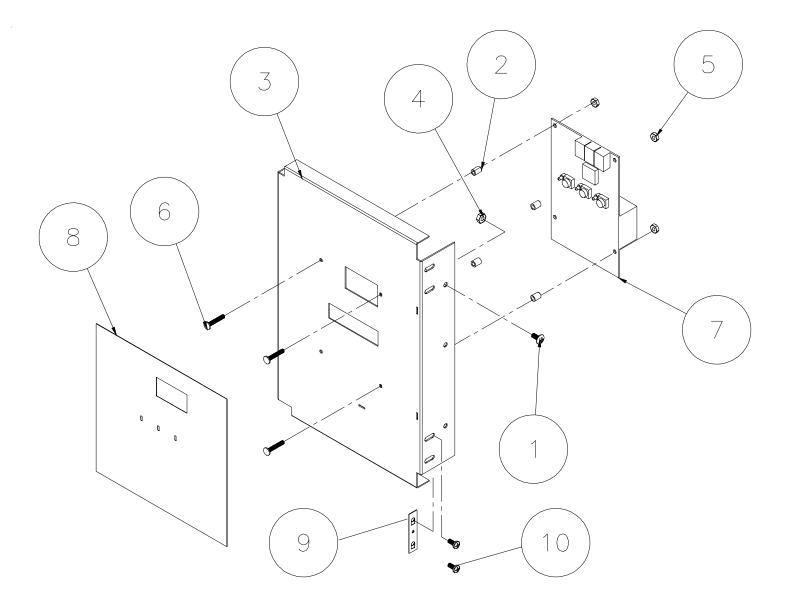


| Ref. | | |
|------|----------|-------------|
| No. | Part No. | Description |

| TU15254 - Reversing Control Panel Complete |
|--|
|--|

| 1 2 3 4 5 6 7 8 | TU15252 M262 TU14137 TU14404 TU15184 TU3400 TU12253 M270 | Control panel #8-32 Screw Buzzer 24V (Optional) DMP Control Overlay #6-32 Nut #6-32 Stud #6 Lockwasher |
|--------------------------------------|---|---|
| 8 | | |
| 9 | TU1771 | Speed nut twin type |

DX3 CONTROL PANEL ASSEMBLY

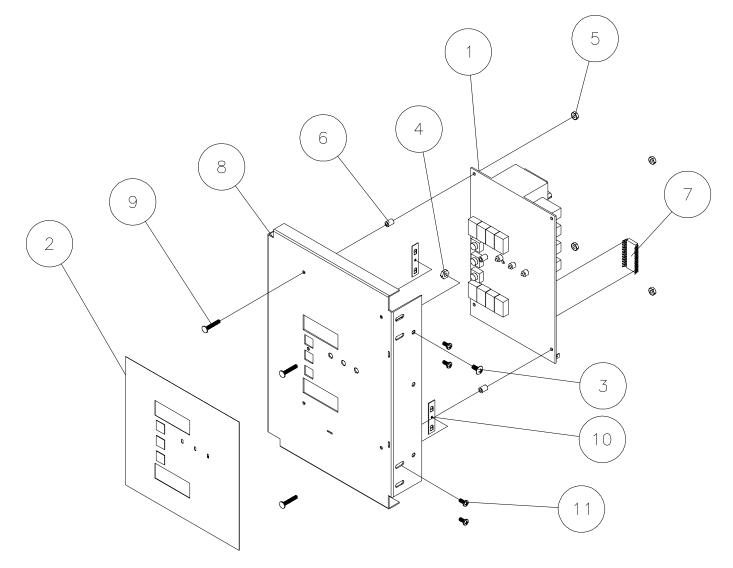


| Ref. | | |
|------|----------|-------------|
| No. | Part No. | Description |

TU15260-Complete Assembly

| 1 | M262 | #8-32 Screw |
|----|--------------|-----------------------|
| 2 | TU14701 | Nylon spacer |
| 3 | TU15259 | Control panel |
| 4 | TU3266 | Nut, hex. brass #8-32 |
| 5 | TU3400 | #6-32 Hex nut |
| 6 | TU12253 | #6-32 Stud |
| 7 | 254/00066/00 | Control board |
| 8 | 254/00069/00 | Overlay |
| 9 | TU1771 | Tinnerman nut |
| 10 | TU9524 | #6S.M.Screw |

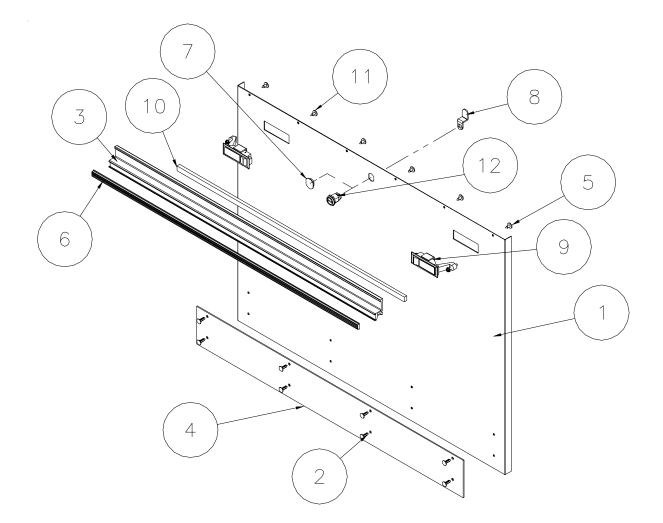
PROHC CONTROL PANEL ASSEMBLY



| Ref. | | |
|------|----------|-------------|
| No. | Part No. | Description |

| TU15298 | Reversing/Non Reversing Complete Assembly | | |
|---------|---|----------------------|--|
| 1 | 254/00070/00 PCboard, professional | | |
| 2 | 254/00018/00 Lable, PRO moisture controller | | |
| 3 | M262 Screw, machine truss #8-32x 3/8" long | | |
| 4 | TU3266 Nut, hex brass #8-32 | | |
| 5 | TU3400 Nut, hex #6-32 | | |
| 6 | TU14701 Spacer nylon 1/4" O.D. x 5/16" long | | |
| 7 | TU14452 Chip, EPROM, PROHC | | |
| 8 | TU15257 Wiring box welded assembly | | |
| 9 | TU12253 | Stud, selfclinch | |
| 10 | TU1771 | Nut, speed twin type | |
| 11 | TU9524 | Screw, #6x5/16 | |

LINT DOOR ASSEMBLY

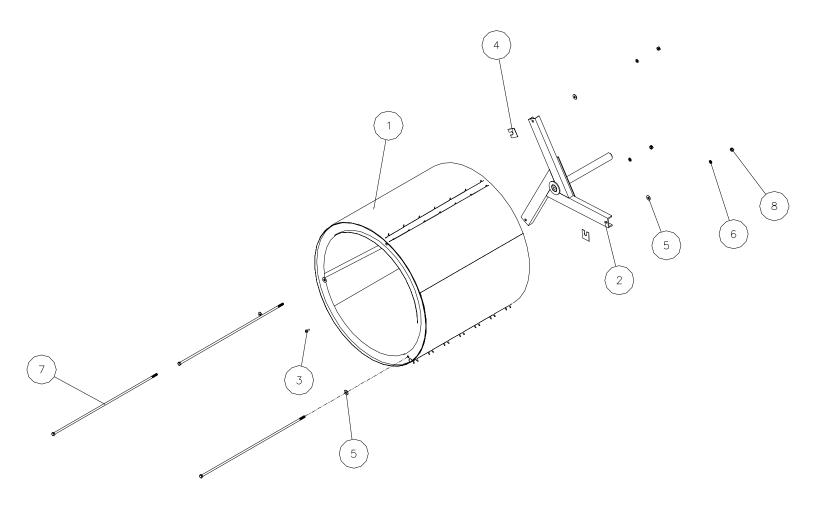


Ref.

| No. | Part No. | Description |
|-----|------------|------------------------------------|
| | TU15664* | Lint door complete Assembly - OPL |
| | TU15660* | Lint door complete Assembly - Coin |
| 1 | TU15656* | Lint door W/a (OPL & Coin) |
| 2 | SB-00949-0 | Fastener plastic kickplate |
| 3 | CA-00645-0 | Lint door handle |
| 4 | CA-00828-0 | Kickplate |
| 5 | SB-00836-0 | Screw, Pancake #10 |
| 6 | CA-00655-0 | Trim, Rubrail - specify 33" Lg. |
| 7 | TUD0412 | Plug (OPL Only) |
| 8 | LA-11359-0 | Cam, Lock (Coin Only) |
| 9 | LA-00124-0 | Latch |
| 10 | TU2853 | Door Gasket - specify 33" Lg. |
| 11 | SB-00915-0 | Screw, Roundhead #10 |
| 12 | LA-00121-0 | Lock (Coin Only) |
| | | |

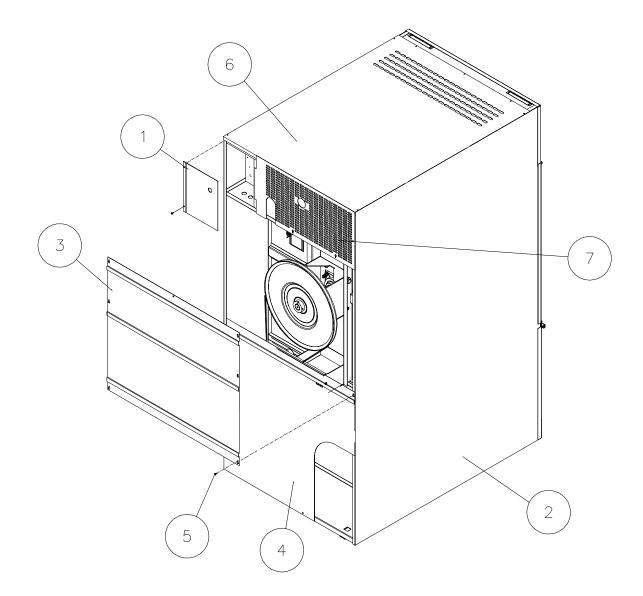
* Specify Color

BASKET & SPIDER ASSEMBLY



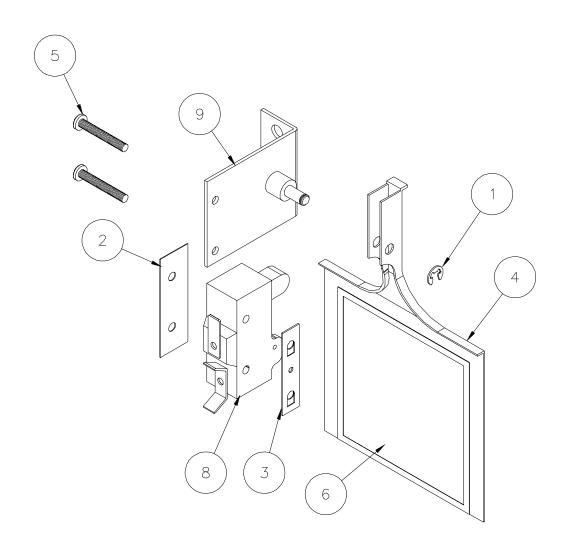
| Ket. | | |
|------|------------|------------------------------|
| No. | Part No. | Description |
| | | |
| | TUS15105 | Basket & Spyder Asm S.S. |
| | TU15105 | Basket & Spyder Asm Galv. |
| | | |
| 1 | TUS15068 | Stainless steel basket assy. |
| 1 | TU15068 | Galvanized basket assy. |
| 2 | TU15087 | Spider assy. |
| 3 | SB-00965-0 | Screw-button cap 5/16 - 18 |
| 4 | TU7006 | Shim |
| 5 | VSB130 | Washer cut 5/16 |
| 6 | TU2814 | 5/16" Lock washer |
| 7 | TU15140 | Tierod, 5/16-1831-3/4" |
| 8 | C249 | Nut 5/16" - 18 |
| | | |

REAR VIEW



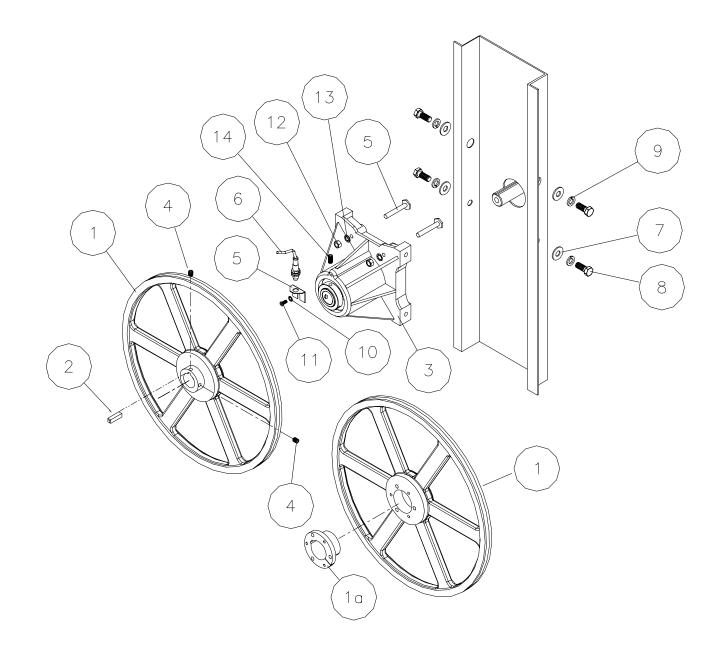
| Ref. No. | Part No. | Description |
|-------------|-----------|---------------------------------|
| 1 | TU14725 | Cover plate |
| 2 | TU15030WH | Jacket(white) |
| 3 | TU15150 | Upper rear cover |
| 4 | TU15151 | Lower rear cover |
| 5 | TU7733 | Screw self drilling 8-18 x 1/2" |
| 6 | TU15131 | Top plate |
| 7 | TU14642 | DR Rear bonnet enclosure |
| | | |

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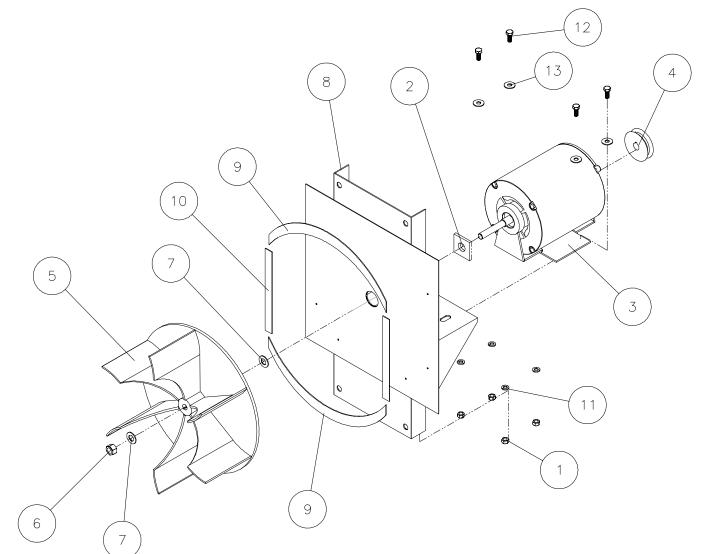
| Ref No. | Part No. | Description |
|------------|----------|------------------|
| 1 | F888 | E-RING |
| 2 | TU1770 | INSULATOR |
| 3 | TU1771 | #6 TINNERMAN NUT |
| 4 | TU2463 | ACTUATOR ARM |
| 5 | TU3219 | #6 x 1 S.M.S. |
| 6 | TU3476 | DECAL |
| 7 | TU7733 | #8 x 1/2 S.M.S. |
| 8 | TU8155 | MICRO SWITCH |
| 9 | TU8171 | BRACKETASM. |

BASKET BEARING AND SHEAVES



| Ref No. | Part No. | Description | Ref No. | Part No. | Description |
|------------|----------|---------------------------------|------------|--------------|-----------------------------|
| 1 | TU15173 | 18" Dia. Sheave (Non-reversing) | 7 | TU1851 | 1/2 Flat washer |
| 1 | TU15157 | 18" Dia. Sheave (Reversing) | 8 | RC347 | 1/2-13 x 1 1/4" H.H. Screw |
| 1a | TU15153 | 1 1/4" Tappered Bushing | 9 | TU2831 | 1/2 Lock washer |
| 2 | TU15304 | 1/4" Key | 10 | RC349 | 1/4 Internal tooth washer |
| 3 | TU15612 | 1 1/4" Cast Iron Bearing | 11 | TU15698 | 1/4-20 Low head socket bolt |
| 4 | TU10644 | Set screw | 12 | TU4787 | 3/8-16 hex nut |
| 5 | TU15588 | Rotation Bracket | 13 | TU3243 | 3/8 Internal tooth washer |
| 6 | TU14414 | Rotation sensor | 14 | TU15686 | #10-32 x 3/4 lg Set screw |
| | | | | (One require | d for rotation sensor ONLY) |

MOTOR & FAN ASSEMBLY- NON-REVERSING



| Dof | |
|-------|--|
| INCI. | |

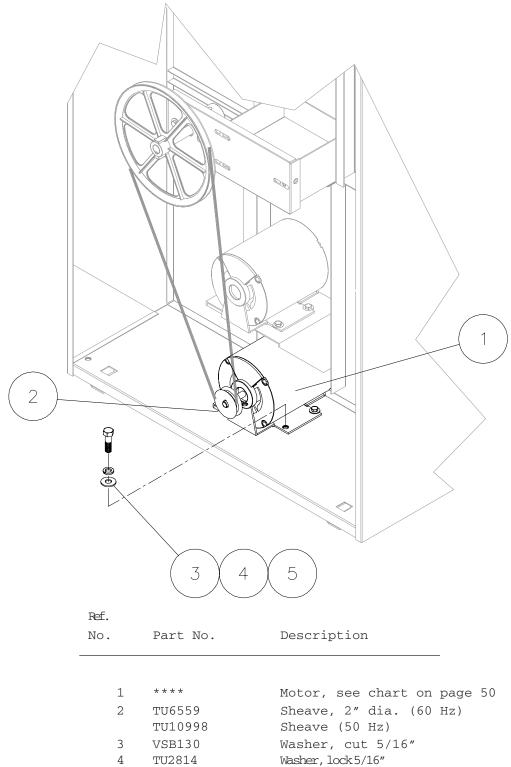
| Rel. | | | Voltage | Par | t No. Description |
|------|-------------|--------------------------------------|--------------|------------|---------------------|
| No. | Part No. | Description | | | |
| | | | 110-120/60/1 | DA-00428-0 | SINGLE MOTOR |
| 1 | C249 | Nut, 5/16-18 (4 each) | | MTR314 | FAN-DOUBLE MOTOR |
| 2 | DA-00460-0 | Seal | | MTR315 | BASKET-DOUBLE MOTOR |
| 3 | **** | Motor, see chart on page | 200-240/60/1 | DA-00428-0 | SINGLE MOTOR |
| 4 | DA-00516-0 | Sheave, 2" dia. (60 Hz) | | MTR314 | FAN-DOUBLE MOTOR |
| | DA-00510-0 | Sheave (50 Hz) | | MTR315 | BASKET-DOUBLE MOTOR |
| 5 | DSA-00772-0 | Fan 11" machined (60 HZ) | 200-240/50/1 | DA-00428-0 | SINGLE MOTOR |
| | DSA-00773-0 | Fan 12" machined (50 HZ) | | MTR314 | FAN-DOUBLE MOTOR |
| 6 | SB-00813-0 | Nut, 1/2-20 left hand rev. lock | | MTR315 | BASKET-DOUBLE MOTOR |
| 7 | SB-00847-0 | Washer, 1" O.D. x .505 I.D. (2 each) | 200-240/60/3 | DA-00447-0 | SINGLE MOTOR |
| 8 | TU15227 | Motor mount | | MTR313 | FAN-DOUBLE MOTOR |
| 9 | TU2473 | Gasket, curved (2 each) | | DA-11909-0 | BASKET-DOUBLE MOTOR |
| 10 | TU2474 | Gasket, cork 8" (2 each) | 440-480/60/3 | DA-00447-0 | SINGLE MOTOR |
| 11 | TU2814 | Washer, lock 5/16" (4 each) | | MTR313 | FAN-DOUBLE MOTOR |
| 12 | TU5439 | Screw, cap HH 5/16-18 (4 each) | | DA-11909-0 | BASKET-DOUBLE MOTOR |
| 13 | VSB130 | Washer, cut 5/16" (4 each) | 220-240/50/3 | DA-00447-0 | SINGLE MOTOR |
| | | | | MTR313 | FAN-DOUBLE MOTOR |
| | | | | DA-11909-0 | BASKET-DOUBLE MOTOR |

* * * *

Motor

380-415/50/3 SAME AS 220-240/50/3

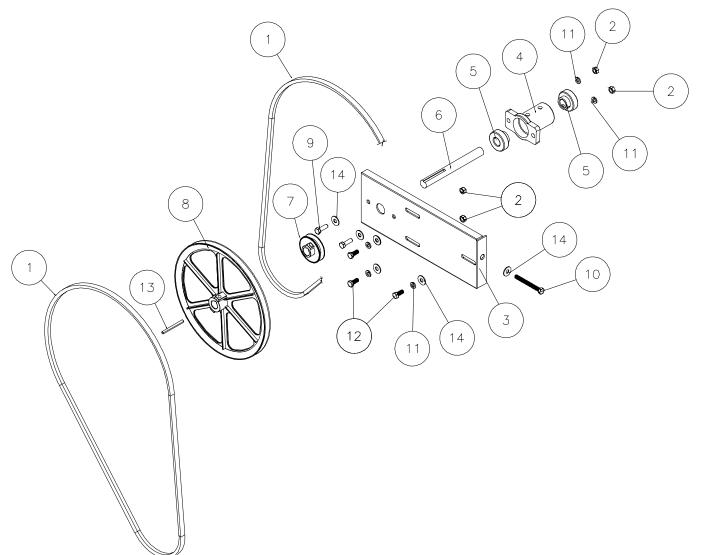
MOTOR ASSEMBLY- REVERSING



TU5439 Screw, cap HH 5/16-18

5

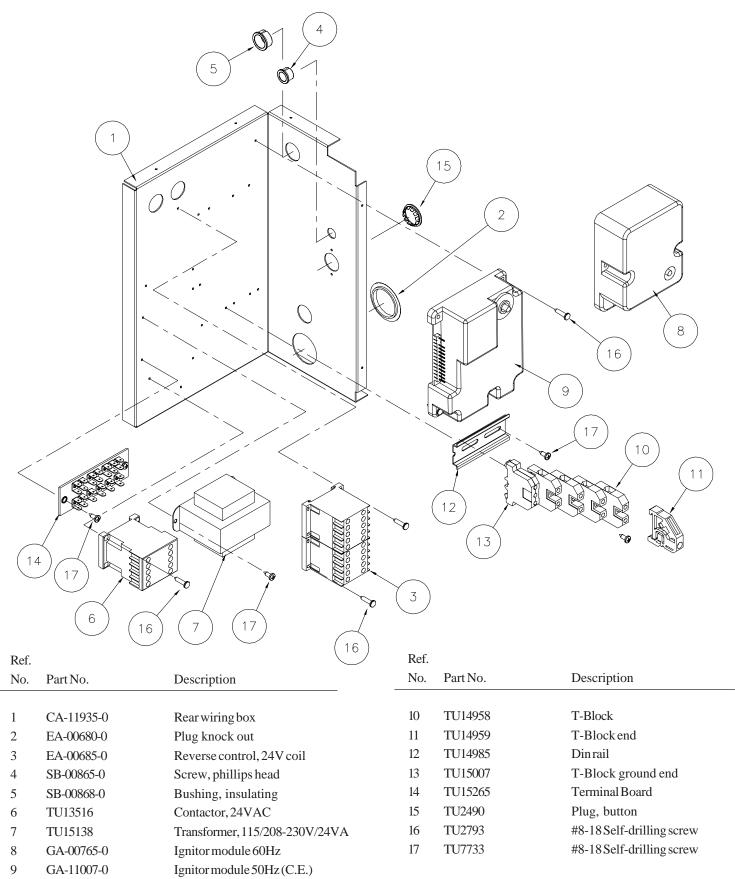
IDLER ASSEMBLY



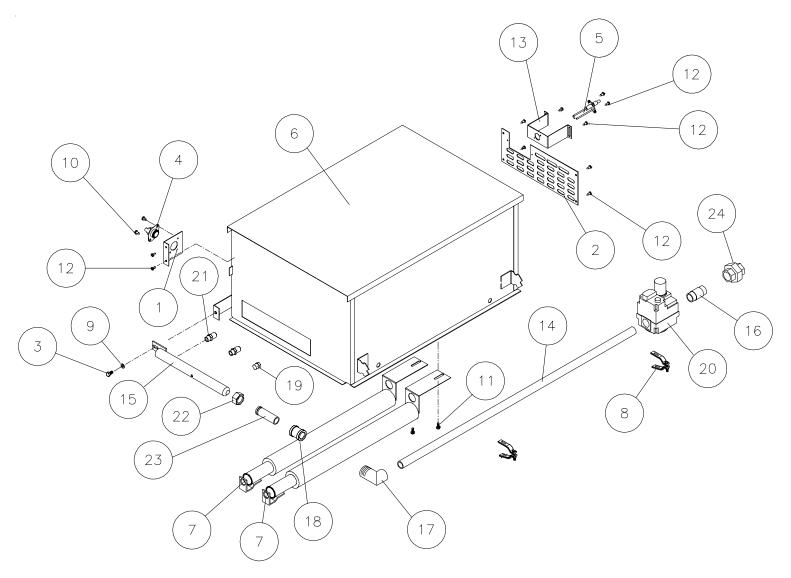
| Ref. | | |
|-------------|------------|------------------------|
| No. | Part No. | Description |
| Povo | rcina | |
| | rsing | |
| 1 | TU15205 | Belt, upper (Basket) |
| 1 | DA-00522-0 | Belt, lower (Motor) |
| <u>Non-</u> | reversing | |
| 1 | TU15205 | Belt, upper (Basket) |
| 1 | TU15206 | Belt, lower (Motor) |
| 2 | C249 | Nut, Hex 5/16-18 |
| 3 | CA-12059-0 | Idler adjustment plate |
| 4 | DA-00517-0 | Housing, idler bearing |
| 5 | DA-00518-0 | Bearing |
| 6 | DA-11711-0 | Idler shaft |
| 7 | TU14691 | V-belt pulley |
| 8 | TU15175 | Idler pulley 9" |
| 9 | FB124 | Screw 5/16-18x 1" |

| No. | Part No. | Description |
|-----|------------|-------------------------|
| 10 | SB-00935-0 | Screw 5/16-18x 3" |
| 11 | TU2814 | Lock Washer 5/16" |
| 12 | TU5439 | Screw 5/16-18x 1" |
| 13 | TUD0187 | Key 3/16" square 2 1/2" |
| 14 | VSB130 | Washer 5/16" |
| | | |

REAR CONTROL PANEL ASSEMBLY - GAS

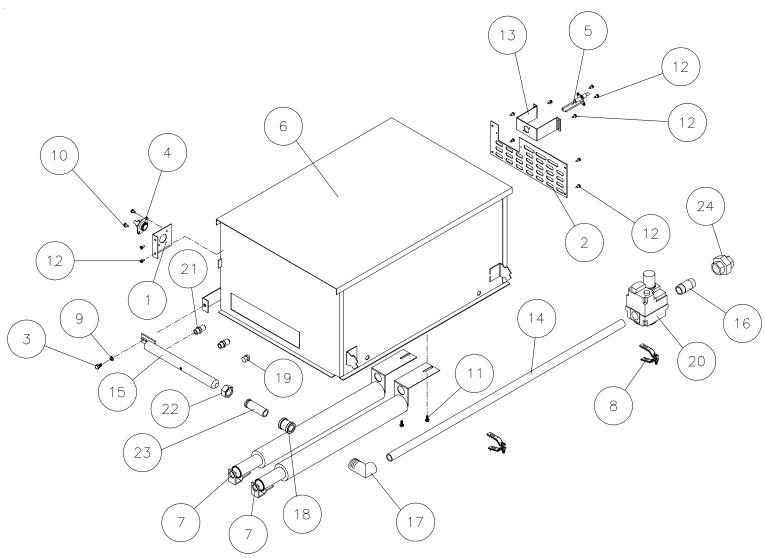


NATURAL GAS HEATING UNIT

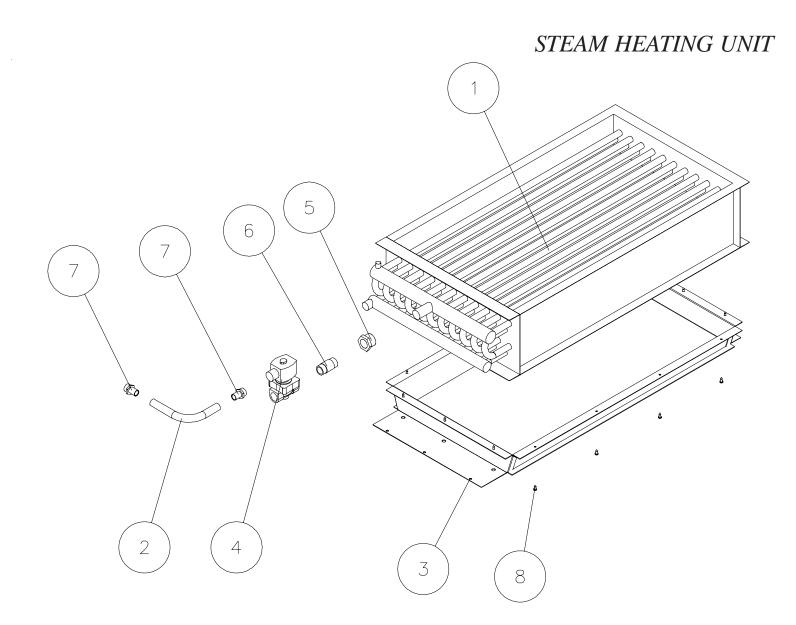


| Ref. | | | Ref. | | |
|------|---------------|--------------------------|------|------------|----------------------------|
| No. | Part No. | Description | No. | Part No. | Description |
| | TU15129-Compl | eteassembly | 12 | TU7733 | #8-12 Screw, self drilling |
| | | | 13 | TU15693 | Ignitor mtg. bracket |
| 1 | CA-11028-0 | Bracket, HI limit | 14 | FG274 | 1/2" x 30#1g. Nipple |
| 2 | TU15106 | Burner cover plate | 15 | GA-11006-0 | Manifold |
| 3 | CB36 | Screw, hex 1/4-20 | 16 | OP290 | 1/2" x 2"lg. Nipple |
| 4 | EA-00245-0 | Switch, 330 degree | 17 | OP291 | 1/2-90 Street elbow |
| 5 | GA-00764-0 | Electrode / straight | 18 | SC505 | 1/2" Pipe coupling |
| 6 | TU15101 | Burner box housing | 19 | TU10946 | Plug, pipe |
| 7 | TU15697 | Burner w/bracket | 20 | TU14178 | Valve, 1/2"N.G. |
| 8 | TU2226 | Bracket assembly | 21 | TU3539 | Orifice |
| 9 | TU2846 | Lock washer 1/4" | 22 | TU6862 | Nut, gas manifold |
| 10 | TU2878 | #10-16 Sheet metal screw | 23 | 664946146 | Pipe, tail |
| 11 | TU6263 | #10-24 Screw, hex | 24 | OP314 | 1/2" Union |

L.P. GAS HEATING UNIT

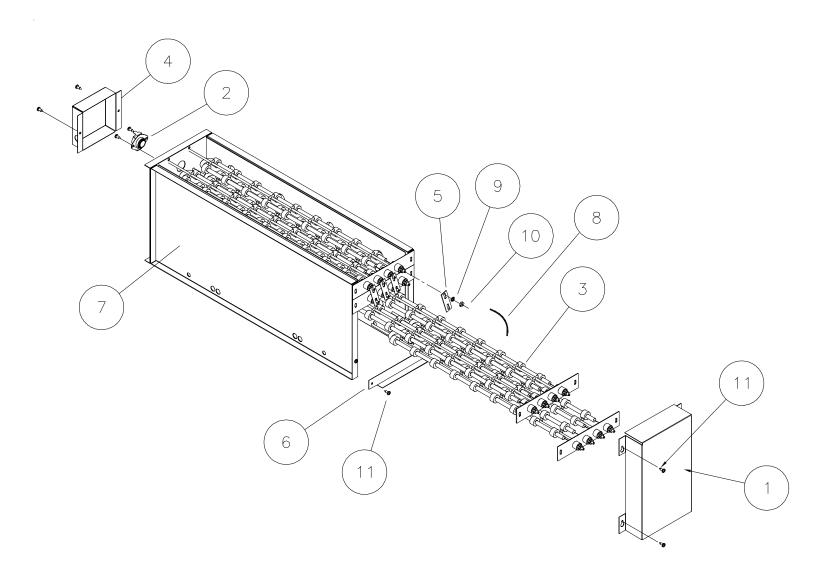


| Ref. | | | Ref. | | |
|------|---------------|--------------------------|------|------------|----------------------------|
| No. | Part No. | Description | No. | Part No. | Description |
| | TU15222-Compl | ete assembly | 12 | TU7733 | #8-12 Screw, self drilling |
| | | | 13 | TUD0242 | Ignitor mtg. bracket |
| 1 | CA-11028-0 | Bracket, HI limit | 14 | FG274 | 1/2" x 30#1g. Nipple |
| 2 | TU15106 | Burner cover plate | 15 | GA-11006-0 | Manifold |
| 3 | CB36 | Screw, hex 1/4-20 | 16 | OP290 | 1/2" x 2"lg. Nipple |
| 4 | EA-00245-0 | Switch, 330 degree | 17 | OP291 | 1/2-90 Street elbow |
| 5 | GA-00764-0 | Electrode / straight | 18 | SC505 | 1/2" Pipe coupling |
| 6 | TU15101 | Burner box housing | 19 | TU10946 | Plug, pipe |
| 7 | TU15697 | Burner w/bracket | 20 | TU14177 | Valve, 1/2"LP |
| 8 | TU2226 | Bracket assembly | 21 | TU3539 | Orifice |
| 9 | TU2846 | Lock washer 1/4" | 22 | TU6862 | Nut, gas manifold |
| 10 | TU2878 | #10-16 Sheet metal screw | 23 | 664946146 | Pipe, tail |
| 11 | TU6263 | #10-24 Screw, hex | 24 | OP314 | 1/2"Union |



| Ref. | | |
|------|-------------|--------------------------------|
| No. | PartNo. | Description |
| | CSA-01675-0 | Complete assembly |
| 1 | CA-13220-0 | Steamcoil |
| 2 | CFB0900 | Cable, GREENFIELD 1/2" X 9" |
| 3 | TU15246 | Adaptor, w/a |
| 4 | TU13517 | Valve, steam solenoid 3/4" 24V |
| 5 | TU14591 | Bushing 1" to 3/4" |
| 6 | TU4608 | Nipple, 3/4" x2" black |
| 7 | TU4790 | Connector |
| 8 | TU7733 | Screw, selfdr. #8-18x1/2" |
| | | |

ELECTRIC BONNET ASSEMBLY



| Ref. | | |
|------|----------|-------------|
| No. | Part No. | Description |

ESA-00254-0-Complete Assembly

| 1 | CA-11984-0 | Rear heater box cover |
|----|-------------|--|
| 2 | EA-00243-0 | Bonnet high limt switch |
| 3 | EA-00472-0 | Heater element (240V) |
| | EA-00473-0 | Heater element (208V) |
| 4 | EA-10232-0 | Switch cover |
| 5 | EA-10417-0 | Jumper bars |
| 6 | EA-11373-0 | Heater box back |
| 7 | ESA-00610-0 | Heater box housing |
| 8 | ESA-00948-0 | Jumper |
| 9 | TU11613 | #10 Ext. tooth washer |
| 10 | TU2842 | #10-32 Hex nut |
| 11 | TU7733 | Screw, self dr. #8-18 x 1/2" |
| 11 | 10//33 | Screw, sen ur. $\#8-18 \times 1/2^{\circ}$ |

Page 61

| EA-11621-0 | LINT DOOR SWITCH |
|-------------|---------------------------------|
| CA-13033-0 | 20-30#LINTSCREEN |
| TU5261 | 30SL, 50, 75#LINTSCREEN |
| MD-00337-0 | MAGNET-READ SWITCH |
| MD-00360-0 | GASKETDOORRIM |
| TU15108 | DOOR GLASS GASKET |
| ESA-00862-0 | REEDSWITCH |
| TU7456 | DOOR CATCHASSY (W/RIVETS) |
| TU14435 | EMERGENCYSTOP |
| TU8155 | SWITCH, SPST AIR SWITCH |
| EA-00685-0 | REV.CONTACTOR,24VCOIL |
| TU13516 | CONTACTOR,24VAC |
| GA-11007-0 | C.E. IGNITOR MODULE |
| GA-00765-0 | NON-C.E. IGNITOR MODULE |
| TU13521 | CONTACTOR, 208-240V (ELECTRIC) |
| TU14684 | CONTACTOR, 346-600V (ELECTRIC) |
| EA-00245-0 | SWITCH, 330 DEGREE |
| GA-00764-0 | ELECTRODE/STRAIGHT |
| TU13517 | VALVE, STEAM SOLENOID 3/4" 24 V |
| EA-00243-0 | BONNET HIGH LIMIT SWITCH |
| EA-00472-0 | HEATER ELEMENT (240V) |
| EA-00473-0 | HEATER ELEMENT (208V) |
| | |

BELTS

| DA-00533-0 | NON-REV UPPER BELT | 20/30SL |
|------------|------------------------|----------|
| TU15206 | NON-REVLOWER BELT | 20/30SL |
| DA-00533-0 | REV UPPER BELT | 20/30SL |
| DA-00522-0 | REVLOWERBELT | 20/30SL |
| DA-00523-0 | NON-REV UPPER BELT | 30LB. |
| DA-00494-0 | NON-REVLOWER BELT | 30LB. |
| DA-00523-0 | REV UPPER BELT | 30LB. |
| DA-00533-0 | REVLOWERBELT | 30LB. |
| DA-00497-0 | NON-REV UPPER BELT | 50LB. |
| DA-00521-0 | NON-REVLOWER BELT | 50LB. |
| DA-11917-0 | REV UPPER BELT | 50LB. |
| DA-00523-0 | REVLOWERBELT | 50LB. |
| DA-00497-0 | NON-REV UPPER BELT | 75LB. |
| DA-00525-0 | NON-REVLOWER BELT | 75LB. |
| DA-11917-0 | REV UPPER BELT | 75LB. |
| DA-11908-0 | REVLOWERBELT | 75LB. |
| TU2317 | GEARREDUCERBELT | 50/75LB. |
| | | |

PROHC

| EA-00411-0 | SWITCH,220DEGREES | TU14452 | CHIP/PROHC/EPROM/#10VWX1450 |
|------------|-------------------|--------------|-----------------------------|
| TU11991 | THERMISTOR | 254/00060/10 | HUMIDITY/TEMPSENSOR |
| TU14414 | SENSOR | EA-00411-0 | SWITCH, 220 DEGREES |
| TU15184 | OVERLAY(OPL) | | |
| TU14406 | OVERLAY(COIN) | | |

DOUBLE TIMER PARTS

TU14137

DMP SPARE PARTS

| EA-00606-0 | THERMOSTAT/ROBERTSHAW |
|------------|----------------------------------|
| EA-00411-0 | SWITCH,220DEGREES |
| EA-00619-0 | STARTSWITCH |
| FG147 | TOGGLESWITCH2POSITION |
| TUT316 | LIGHT, LED 24V |
| TU12874 | TIMER, SOLID STATE REVERSING |
| TU12932 | TIMER, MODEL N4070-60 MINUTES |
| TU12933 | TIMER, MODEL N4070-15 MINUTES |
| TU2555 | KNOB, W/PLATE-LOCK-SCR-SET SCREW |

BUZZER24V