



G-1235 AEROWOOD DRIVE
MISSISSAUGA, ON L4W1B9
905-565-8666

INSTALLATION AND MAINTENANCE MANUAL

FOR

**MODELS ENDING IN
“-S_P”, “-D_P”, or “-D_RP”**

**DIRECT FIRED GAS HEATING UNITS INDOOR AND
OUTDOOR MODELS**

Unit model number:

Unit serial number:

Serviced by:

Telephone number:

RETAIN INSTRUCTIONS WITH UNIT AND MAINTAIN IN LEGIBLE CONDITION

**PLEASE HAVE MODEL No. & SERIAL No. READY WHEN CONTACTING FACTORY
FOR INFORMATION OR PARTS**



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INTRODUCTION

The **ELITE AIR SYSTEMS** "SA-S" and "SA-D" models are high quality products designed and manufactured to provide many years of trouble-free service. We recommend that this manual be read thoroughly to ensure ease of installation, efficient operation and proper maintenance of this equipment.

WARNING

Please read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment. Improper installation, adjustments, alterations, service or maintenance can cause property damage, injury or death.

WARRANTY

ELITE AIR SYSTEMS "SA-S" and "SA-D" models are guaranteed to be free from defects in material and workmanship for a period of one year from date of shipment (supply only), when installed by Elite Air Systems and operated in accordance with this manual.

WARRANTY IS VOID IF:

- field wiring is not in accordance with the wiring diagram provided with the unit
- the unit is allowed to operate during building construction period
- proper maintenance is not provided on a regular basis as outlined in the MAINTENANCE section of this manual
- the start-up is not completed in accordance with safe practices



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****FOR YOUR SAFETY****

The use and storage of gasoline or other flammable vapours and liquids in open containers in the vicinity of this appliance is strictly prohibited.

If you smell gas:

- Open windows
- Don't touch any electrical switches.
- Immediately call your gas supplier.

RECEIVING THE UNIT

Elite Air Systems' units are completely pre-wired (when specified) and assembled. On receipt of unit, check electrical characteristics (see nameplate) to make sure the unit voltage is compatible with that available on the job site. All separate parts are listed on the shipping order form. Carefully check for all components and damage to any component before signing the freight bill. This unit was pre-tested at the factory immediately prior to shipping and was in good operating condition at that time.

INSTALLATION CODES

In Canada:

The installation of this unit must be in accordance with:

- a) National Standard of Canada CAN/CGA-B149.1 or .2 - latest edition "Installation Code for Gas Burning Appliances and Equipment", Provincial and Local Codes on units burning gas.
- b) The Canadian Electrical Code, Part 1 - C.S.A Standard C22.1, Provincial and Local Codes.



In the U.S.A:

- a) All gas piping must be installed in accordance with the National Fuel Gas Code ANSI/Z223.1 - latest edition. The local authority having jurisdiction should be consulted for local codes and requirements.
- b) All power supply and control wiring to this unit must be installed in accordance with the latest edition of the National Electrical Code (ANSI/NFPA 70 – 1990).

CLEARANCES TO COMBUSTIBLES IN INCHES (MM)

For safety and service, the following minimum clearances on the unit should be observed:

| Model | Control Panel (Side) | Control Panel (Opposite) | Front | Back | Top | Bottom |
|--------------|-----------------------------|---------------------------------|--------------|-------------|----------------|---------------|
| -S_P | 36" (900) | 36" (900) | 1" (25) | 1" (25) | 1" (25) | 0 |
| -D__P | 36" (900) | 36" (900) | 1" (25) | 1" (25) | 48" (1,200) | 0 |

ADDITIONAL INSTALLATION REQUIREMENTS IN CANADA

The fresh air intake of the make-up air unit should be located as far as possible from any exhaust in order to prevent the induction of flammable or toxic gases and other deleterious materials. Primary combustion air may be taken from the ducts downstream of the burner.

This equipment shall be installed so that no source of flammable vapours, gases or dust shall be within 20 feet horizontally of any unit unless that source is separated from the unit by an enclosure of vapour resistive material.

This equipment shall be installed so that the temperature of any adjacent combustible material shall not exceed 90°F above an ambient temperature of 77 °F or as permitted by CSA-3.7 and CSA-3.12.



This equipment shall be installed so that any fire dampers in the duct work are electrically interlocked with the unit (i.e.: damper end switch contact normally located between terminals 7 & 8 in series with the exhaust interlock).

This equipment shall be adjusted as to maintain the toxic limits of the tempered air as set out in CSA-3.7-77 and CSA-3.12

This equipment shall be installed so that in the event the make-up air shut down causes a hazard to other fuel burning equipment in the building, the unit shall be interlocked to open balancing inlet air dampers.

The purpose of a make-up air unit is to replace air which has been exhausted from a building. The exhaust fan should have a capacity of within 10% of the total make-up air volume. If the unit discharges directly into a booth, the exhaust fan must have a capacity at least equal to the make-up air unit.

On indoor units the fresh air inlet duct shall run straight to the unit a distance at least 1 1/2 times greater than the unit height or 2 times greater than the unit width. Otherwise poor combustion may occur.

All direct fired make-up air units shall be interlocked with an exhaust fan so that the burner may not attempt ignition without a comparable exhaust system operating.

ADDITIONAL INSTALLATION REQUIREMENTS IN THE U.S.A.

Re-circulation of room air may be hazardous in the presence of:

- a) Flammable solids, liquids, and gases.
- b) Explosive material (i.e.: grain dust, coal dust, gunpowder, etc.); and
- c) Substances which may become toxic when exposed to heat (i.e.: refrigerants, aerosols, etc.).

Recirculation units are not recommended in un-insulated buildings where outside temperature falls below 32° F (0° C).

If ventilation air is not incorporated as part of the heater, outside ventilation air shall be provided to supply at least 4 CFM (0.019 M³/sec) per 1000 BTU (293 W) per hour of rated input. If a separate mechanical means is used, an interlock shall be provided.

The disconnect must be installed in accordance with Article 430 of the National Electrical Code.



DAMPER SECTIONS

Where dampers of any kind are used, the make-up air unit shall be electrically interlocked with the dampers in such a way as to prevent ignition attempt unless the dampers are fully open.

LIFTING UNIT

All units are constructed on a heavy base. The frame is extended beyond the length of the unit and is pre-drilled for lifting lugs. Use spreader bars to keep cable away from the unit cabinetry. If the unit is lifted from the bottom (as with a fork lift) take care to lift on the base and not the cabinetry.

MOUNTING THE UNIT

Units must be mounted level so that water will not be trapped in the dray pan. Elite's units are constructed for three types of mounting:

1. **BASE RAILS** -The term "rail" refers to a channel iron base frame, which runs the entire length and width of the unit. Where at all possible, the unit should be supported by a mount which is directly below the perimeter channel, iron frame of the unit.
2. **FULL ROOF CURB** -The curbs are constructed of heavy gauge galvanized steel, and must be fully insulated on the job site. Wood nailed strips are provided for easy attachment of roof flashing. A neoprene gasket is supplied with the unit and must be field mounted on the curb to seal the joint between the curb and the unit frame.

ASSEMBLING THE UNIT

If the unit and the hood are split and shipped in sections, the sections must be field assembled into one piece. The inlet hood is designed for field installation. Connect the hood on the support flange and attach with self-tapping sheet metal screws.



GAS INSTALLATION

Installation must be completed in accordance with the requirements of the authorities having jurisdiction.

1. Carefully check the unit nameplate for the fuel type, supply pressure, input rating and temperature rise.
2. Gas supply pressure is higher than 14" W.C. (3.5 kPa) requires an additional field supplied gas regulator.
3. Gas lines should not be run in a manner which will interfere with unit access. The gas line connection at the heater shall have an approved drip leg with screwed cap and a 1/8" NPT plugged tapping accessible for test gauge connection.
4. On indoor units, any control device (regulator, diaphragm valve, high and low pressure switch, etc.) which requires a bleed or vent line, must be vented to the atmosphere in accordance with applicable code.

ELECTRICAL INSTALLATION

All wiring shall be installed in accordance with the requirements of the authorities having jurisdiction. **Do not cut holes in the bottom of outdoor units, as the bottoms of the units have been made waterproof.** Both field wiring and internal wiring diagrams are included in the control cabinet of the unit. The power requirements are indicated on the unit nameplate. Where field wiring of the control circuit is required, take care to size the field wiring for a maximum 10% voltage drop. The VA rating of the transformer can be assumed to be the maximum load. The disconnect switch must be sized for the capacity and voltage on the unit label. The disconnect switch must be mounted properly and adequately grounded. All medium voltage (>30V) field wiring outside the electrical enclosure must be in rigid or flexible conduit. Wiring from unit to remote loads should be routed through the same wall as the power supply (see mechanical drawing). Wiring within the burner enclosure is to be run so that it does not interfere with the servicing of the unit.

- Reconnect all disconnected wiring on the units that were split in 2 or more sections for shipment.
- When connecting a power supply to a three phase motor, take care that the three phase wiring gives you the correct motor and blower rotation on all motors.



- Replacement wiring must be equivalent to the original wire.
- See field-wiring diagram for requirements for shielded or twisted wire for solid state devices.

START-UP CHECK LIST

Provincial and State regulations require that service mechanics who work on combustion equipment be licensed. The unit should NOT be started or serviced by unqualified personnel.

1. Set all electrical switches and main unit disconnect switch to "OFF" position.
2. Close all unit manual valves and field piping valves.
3. Remove tie-down bolts on blower vibration isolators (if supplied).
4. Check all bearings, drive and blower set screws for tightness.
5. Check drive alignment and belt tension (refer to "MAINTENANCE")
6. Purge all air from the gas lines. Check all connections for leaks and correct as required. Ensure that the inlet pressure agrees with the nameplate.
7. Inspect all electrical wiring, both field and factory installed, for loose connections.
8. Turn unit disconnect switch ON (control switch is still off) and check the supply voltage. Voltage must be within 10% of nameplate rating. If not, consult the power company and have the voltage condition corrected before unit start-up.
9. On models with a SUM/WIN (Summer/Winter) switch to "SUM" position and set Unit Off/ON switch to "ON" position.
10. Check all fan motors for correct rotation. If incorrect, reverse rotation.
11. Check the amperage draw of each motor. Refer to nameplate for full load amps.
12. Re-check voltage at unit disconnect switch with unit running. If the power is not within 10% of the name plate, shut the unit down and consult your power company. Voltage should be within 2% on all phase to phase readings when compared to each other. A 2% voltage difference could cause as much as a 20% current imbalance.



OPERATION

WARNING

For **emergency shut-down**, turn the switch “**Unit ON/OFF**” on the remote box to the OFF position **and** the main disconnect switch on the unit’s control box to the OFF position. This will shut down the gas and power supply automatically.

OPERATIONAL CHECK

1. Turn on the main and pilot valve upstream of shut-off valves and check for leaks on unit piping.
2. Check for leaks in main and pilot line through fail-safe shut-off valves with firing valves closed. Disconnect burner and its manual valve from the gas supply if a pressure test is done in excess of 1/2 PSIG (2.5 kPa). Connect one end of a hose to the pressure tap between the manual firing valve and fail-safe valve and submerge the other end in a cup of water. If bubbles appear, correct the leak.
3. Set the system on/off switch to the "on" position. Switch on the exhaust system to make the exhaust interlock. The damper should begin opening immediately after the manual switches and exhaust interlocks are made. When fully open (takes 150 seconds), the damper blade will make an end switch. That will pull in the blower motor starter and start the blower. If the blower fails to start, check and adjust the damper end switch.
4. Open the pilot manual firing valve and turn on the heat switch on the remote panel. The pilot should then ignite or at least attempt ignition. If an attempt at ignition is made and lockout occurs, visually check a second time to confirm if a pilot is burnt. If the air pressure switches and temperature high limit switches are not properly set, lockout will also occur. The difficulty may be an improper flame detection signal. Check spark rod and flame rod to see if the ceramic is wet, cracked or dirty as any one of these things will cause lockout. Check to see that the gap on the spark igniter is 3/32".
5. After achieving a pilot that burns constantly while the blower is running, check the main gas valves for operation while the main manual firing valve is CLOSED.



Switch off the burner. The pilot will then go out. Place a pressure gauge between the automatic valve and the manual firing valve. Switch on the burner. If the pilot comes on and runs properly, the main automatic valve should then open and the gauge should register pressure. If they do not open, check for a wiring error or a defective component.

6. Test for main flame ignition. Place a pressure gauge between the main firing valve and the burner. With the main automatic valve open, manually open the main firing valve from closed to open. Ignition should take place approximately one quarter of a turn from closed to open, at which point the pressure gauge will indicate the flow of gas.
7. Do not adjust the main pressure regulator. The firing rate has been factory set and should not require any adjustment. The air temperature rise should be as listed on the nameplate. If not, the air volume through the unit should be adjusted. This may be accomplished by adjusting the blower speed. The air temperature rise and unit inlet gas pressure should be measured when the modulating valve is wide open. The modulating valve can be made to stay wide open by turning the modulating temperature control up to its maximum setting and removing its sensing element from the air stream to expose it to a cool ambient temperature. With proper airflow the flame should be approximately 16" long and tipped with a reddish orange flame. If the flame is much longer and mostly yellow, or if the flame is much shorter and fluorescent blue only, check the troubleshooting guide for the necessary adjustments.
8. Perform a flame supervision check as follows: with the burner in full operation and firing, close the main manual firing valve and the pilot firing valve. The flame safeguard relay should then lock out and the automatic valves close. To return to normal operation, reset the flame safeguard and open the manual valves.
9. The blower motor and particularly the belt should be checked after the previous tests and adjustments have been completed. The belts have a tendency to stretch during the first few weeks of operation and may need to be adjusted. The amperage draw of the motor should be checked with an ammeter and should not exceed the rated amperage stated on the motor rating plate. Otherwise, the motor overload will lockout the motor.



COMPONENTS

The following list is intended to describe the type, function and location of most of the commonly used standard and optional components. Refer to the component manufacturer's bulletins supplied in an envelope with this unit.

1. **SINGLE RANGE DISCHARGE TEMPERATURE SENSOR "S" UNITS:** Provides temperature control of the discharge air when equipped with electronic modulating valve(s) and Digital Controller. Temperature control range is 10°C to 30°C (50 to 85°F).
2. **DUAL RANGE TEMPERATURE SENSOR ("-D__P" UNITS):** Provides the ability to switch from one discharge temperature to another to provide two different levels of discharge temperature, (60° to 90° F for painting, 80° to 160° F for baking)
3. **LOW TEMPERATURE LIMIT (LTL) (OPTIONAL):** Shuts the blower off and closes the outside air dampers in the event the discharge air temperature drops below the LTL set point. Sensing bulb is mounted in the discharge air. Also referred to as FREEZESTAT. A low limit should be installed in areas where freeze-up protection is needed when the unit has a flame failure.
4. **START/STOP PUSHBUTTONS:** Provides remote START/STOP control of the unit.
5. **SUMMER/WINTER SWITCH:** This item has been REMOVED. Call-for-heat is automatically controlled by the Digital Controller based on the sensed outside-air temperature.
6. **DAMPER FEEDBACK SIGNAL:** Provides the Controller with a feedback indicating the damper position in Percentage. Feedback signal is a 2-10V DC electrical signal. On the HMI, this feedback is displayed as a 0-100% signal, where 0 indicates fully closed and 100% indicates fully open (90 degrees open).
7. **AIR FLOW SWITCHES:** Low air flow switch proves air flow before the unit can fire and high air flow switch switches the unit off if the air flow is too high.
8. **BAKE PUSH BUTTON:** Activates the "BAKE" cycle ("-D__P" models only).
9. **DISCONNECT SWITCH:** Provides a means of disconnecting main power to the unit. May be fused to provide control over current protection. May be mounted in unit control panel or on exterior of unit (weatherproof if unit is outdoor type).
10. **MOTOR STARTER:** Provides motor starting means for blower from single phase blower with manual reset.



CONTROL SETTINGS

Unless indicated otherwise, the following settings of the adjustable type are acceptable for most applications:

| | |
|------------------------|---|
| Temperature Controller | Max. allowable temperature setting is 85°F for “SA-S” Models |
| | Max. allowable temperature setting is 160°F for “SA-D” Models |
| High Limit | 160°F for Model Numbers ending in “-S_P” |
| | 195°F for Model Numbers ending in “-D_P” |

SAFETY FEATURES CHECK

1. Temperature high limit switch: The heater shall be fired at rated input with the limit control set at its maximum temperature setting. The outlet temperature shall be established by gradually restricting the circulating air flow until the limit control operates to shut off the fire.
2. Trial for ignition timing: Unit shall be put through the normal sequence of starting procedure, but with the manual firing test valves closed. The safety shut off valve shall be de-energized in not more than 4 seconds after being energized.
3. Flame response time: Run the unit normally for ten minutes. Turn the test firing valve(s) off. Safety shut-off valve shall be de-energized in not more than 4 seconds.

MAINTENANCE

The following maintenance instructions are to be carried out each spring and fall or as otherwise indicated.

ELECTRICAL

1. Check all wiring for loose connections.
2. Check voltage at unit (while in operation).
3. Check amperage draw against nameplate rating.
4. All contacts should be inspected to ensure that contacts are clean and are making good contact. If contacts are pitted or burned badly, replace contact points. Single phasing and motor burnout may result from bad contacts.

BELT ADJUSTMENTS

For maximum belt life, pulley alignment and belt tension must be properly maintained.

NOTE: if belts are too tight, the life expectancy of the motor and blower bearings and the belt are reduced considerably.

Allow 1/64” (.015 mm) of deflection for each 1” (2.5 cm) of span length.



SET SCREWS

Check set screws on blower wheel, blower bearings and blower and motor pulleys for looseness on the shaft and tighten where required. It is important to perform this check before the initial start-up, after a run-in period of 2 to 4 weeks and then on a regular basis of 4 to 6 months.

LUBRICATION OF BLOWER BEARINGS

Most blowers are complete with permanently lubricated sealed bearings which do not require lubrication. Blower bearings with grease nipples are factory packed 30% to 50% full. Bearings that require lubrication should be greased while the bearing is rotating, with the following quantities of a lithium-based lubricant (Shell Albania #3 or equivalent). DO NOT OVERCHARGE.

| Shaft ID | | | | | | | |
|----------|----|--------|--------|---------|---------|--------|---------|
| Inch | 1 | 1 3/16 | 1 7/16 | 1 11/16 | 1 15/16 | 2 7/16 | 2 15/16 |
| mm | 50 | 62 | 75 | 88 | 100 | 128 | 156 |

| Grease | | | | | | | |
|--------|-----|-----|-----|-----|-----|------|----|
| Oz | .04 | .07 | .1 | .15 | .2 | .3 | .6 |
| Gram | 1.8 | 3.3 | 4.5 | 6.5 | 9.0 | 13.2 | 27 |

| RECOMMENDATIONS FOR BALL BEARINGS | | | |
|-----------------------------------|-----------------------|----------|----------|
| Bearing Temperature | Re-Greasing Intervals | | |
| | Clean | Dusty | Wet |
| F (C) | | | |
| Under 120° (50°) | 2 ½ years | 1 year | 4 months |
| Under 158° (70°) | Yearly | 4 months | 1 month |

Refer to the blower manufacturer's recommendations for other types of bearings (i.e.: roller bearings, split pillow block bearings).



MOTOR LUBRICATION

Refer to the motor manufacturer for lubrication recommendations.

Follow the highlighted blower bearing recommendations above for type and quality of grease.

On motors having grease drain plugs, remove the plugs and operate the motor for 15 minutes before replacing the plugs. DO NOT OVERCHARGE.

| RECOMMENDED RE-GREASING INTERVALS | | | |
|--|------------------------------|-------------------------------|----------------------------|
| Hours of Service Per Day | Up to 7.5 HP Up to 5.6 kW | 10 to 40 HP 7.5 to 29.8 kW | Over 40 HP Over 29.8 kW |
| Less than 12 | 5 years | 3 years | 1.5 years |
| More than 12 | 2 years | 1 year | 9 months |

NOTE: Motors that run in hot or severe dirt or wet conditions should be greased every 6 months.

FILTERS

Filters should be cleaned every 3 months or 2000 running hours under normal conditions (more often under abnormal conditions). Units that have 100% outside air should have the filters removed during the winter months in areas that are susceptible to frost. See submittal record for filter quantities, sizes and types.

1. High Velocity Permanent: It is important that the filters be checked and cleaned regularly during the period immediately following installation, in order to determine the best service interval. To clean, rinse with cold or lukewarm water. Shake off excess water and reinstall. These filters do not require an oil adhesive.
2. Throwaway and/or Replaceable Media: These may be obtained from any Elite Air Systems representative.

CONTROLS

1. Clean and recalibrate all controls
2. Check controls for proper operations.
3. Repair or replace any controls found faulty.
4. Check all damper settings.
5. Replace blown fuses with equivalent size fuse. Failure to do so may result in damage to the unit.

GAS MANIFOLD

It is recommended that once each year the safety devices should be checked. Follow the operational check as detailed on page 9.



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BURNERS

It is recommended that the burner be inspected once each year. Remove any scale that may have accumulated on the burner plates. Ensure that the holes on the burner plates and gas orifices are completely clear of foreign material.



ANNUAL SAFETY SHUTOFF VALVE LEAKAGE TEST

Safety shutoff valves require a qualified technician to perform a leak (bubble) test to determine tightness of closure on a least an annual basis. A very small amount of leakage is normal. Valve leakage rates exceeding those noted in the table below require repair or valve replacement.

1. De-energize the control system.
2. Close the upstream manual gas valve.
3. Connect a ¼” (6mm) tube to the outlet pressure tap on the safety shutoff valve.
4. Immerse the opposite end of the ¼” (6mm) tube (cut to a 45° angle) vertically ½” (13mm) into a clear container of water.
5. Count the number of bubbles appearing during a 10 second period.
6. If the bubble rate is greater than that noted in the table repair or replace the valve.
7. If the bubble rate is less than noted in the table, remove the ¼” (6mm) tube, reconnect the outlet pressure tap plug.
8. Energize the control system and open upstream manual gas valve.
9. After testing check all piping connections and plugs for external leakage.
10. The table below indicates the maximum number of bubbles in relation to the size and type of valve.

| Manufacturer | Pipe Size (in.) | Model | Maximum Leakage Rate (bubbles/10 sec.) |
|--------------|-----------------|-------------|--|
| ASCO | 1 | V710 / 8214 | 6 |
| | 1 ¼ | V710 / 8214 | 7 |
| | 1 ½ | V710 / 8214 | 9 |
| | 2 | V710 / 8214 | 12 |
| | 2 ½ | V710 / 8214 | 15 |
| | 3 | V710 / 8214 | 18 |
| Siemens | 1 | VGG / VGD | 4 |
| | 1 ½ | VGG / VGD | 4 |
| | 2 | VGG / VGD | 8 |
| | 2 ½ | VGG / VGD | 10 |
| | 3 | VGG / VGD | 13 |



EXTENDED PERIOD SHUT DOWN

For extended period shut down it is necessary to:

1. Lubricate all bearings (blowers, motors and dampers).
2. Close all manual valves on the gas lines (pilot and main) including the valve on the main gas supply line outside of the unit.
3. Disconnect electrical power on the main disconnect switch (outside of the control box) by putting it in the off position.
4. Release all belts transmitting power to the blower and make them very loose.

RE-STARTING AFTER A PROLONGED SHUT DOWN

To restart the unit it is necessary to:

1. Put all belts back, tighten them properly and check for damage. Replace as necessary.
2. Check the clearness of the gas openings on the main burner.
3. Check the filters and replace them if dirty or damaged.
4. Open all manual gas valves (pilot and main), including the valve on the main gas supply line outside of the unit.
5. Connect electrical power by putting the disconnect switch located outside of the control box to the ON position.
6. On the HMI, ensure that the "Summer/Winter" selector is set to the "Summer" mode.
7. Press the Start (Green) pushbutton.
8. Check the opening of the inlet damper.
9. When the blower motor starts working and there is no indication of any problem, change the "Summer/Winter" Mode to the "Winter" position.
10. This will energize your burner. It is normal to have 4 to 5 attempts to start the unit the first time because there is air in the gas line. Between attempts, you should wait one minute. Then push the reset button on the flame safeguard controller.
11. When the flame is established, check the colour of the flame through the observation window. It should be blue with yellow margins.
12. Check the settings on the temperature high limit switch.
13. For "D" models push the "Bake Start" push button and check the flame.



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Document's List

| <u>Serial Number</u> | <u>Description</u> |
|-----------------------------|--|
| 1 | Elite Air System Installation and Maintenance Manual |
| 2 | Burner Control (Siemens LME) Manual |
| 3 | Burner Control (Siemens LME) Error Code List |
| 4 | Signal Conditioner Manual |
| 5 | Modulating Valves Manual |
| 6 | SML Installation Information |
| 7 | Electrical Schematic |