ANEST IWATA

INSTRUCTION MANUAL

■ OIL-FREE SCROLL COMPRESSOR

SLE-2/2H
SLE-3/3H
SLE-5/5H

Thank you for purchasing our oil-free scroll air compressor.

- Before operation, be sure to read this instruction manual thoroughly for safe and efficient use for a long operating lifetime.
- After reading it, store in a convenient place for immediate and future reading.

Before use, be sure to fill in the blank spaces below for future repair and after service.

MODEL	
SERIAL No.	
Purchased from	
Date of purchase	
Date of use	

Important information and Safety precautions

▪ Important information

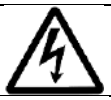
Read all important information and safety precautions before use. The operator shall be fully knowledgeable of the requirements stated within this instruction manual, including important warnings, cautions and operation. **Read manual before performing any maintenance**.

Keep this booklet in an appropriate place for immediate reference.

- Indications of warnings and cautions

 WARNING	May cause injury or death.
 CAUTION	May result in injury or property damage.

- Examples of warnings and cautions

	**May cause electric shock.**
	**Do not touch.**
	**Must be grounded.**

∗ Supplier is not responsible for any injuries or damages caused by disregard of warnings, operating instruction specifications or maintenance schedules.

Important	Indicates important notices you must observe. They are helpful to achieve top performance and functions of the equipment.

Important information and Safety precautions

- **Safety precautions**

⚠ WARNING

Install in a safe area.

To prevent a fire or explosion, install in an area free of flammable gases or organic solvents.

Never install outdoors.

To prevent fire or electric shock, never install outdoors.

Turn off the main electric source.

To prevent electric shock or serious injury, always turn off the main electric source before inspecting or wiring the unit.

Ask a qualified electrician.

Only a qualified electrician should perform maintenance on the unit.

Be sure to ground.

Unit must be grounded to prevent electric shock.

Never use to compress anything other than air.

Unit must only be used to compress air.

Do not use with respiratory equipment, which could cause serious injury or death.

Important information and Safety precautions

⚠ WARNING

Not for use as life support.

Serious bodily injury and/or death may occur. Unit must only be used to compress air.

Do not touch.

Keep hands and fingers away from fans, pulleys and belts while the power is on.
Serious injury, including entanglement of fingers or hands can occur.

Release pressure.

Release pressure from unit before conducting maintenance and/or inspection.
Failure to do so may cause serious injury.

Conduct maintenance and inspection.

Conduct maintenance and inspection according to this manual to prevent unit failure.

Important information and Safety precautions

⚠ CAUTION

Use at ambient temperatures of 36°F to 104°F.

Drain will freeze at less than 36°F and will cause unit failure.
Using over 104°F will cause a shorter lifespan or unit damage.

Use in an area free of dirt and dust.

Failure to do so may result in equipment failure.

Use in an area free of corrosive gas.

Failure to do so may result in equipment failure.

Only qualified personnel should perform repairs to prevent electric shock or fire.

Keep Away.

Keep away from the compressor while it is operating, and allow it to cool before servicing.
Failure to do so may result in serious burns and or bodily harm.

Never alter the compressor

Fire and or electric shock may occur if unit is altered and warranty will be void.

Use genuine parts

Be sure to use only genuine parts during maintenance.
Failure to do so may result in equipment failure.

Contents

Important information and Safety precautions

■Important information ---------- 1
■Safety precautions ---------- 2

■Contents ---------- 5

Before use

■Inspect the product ---------- 6

Installation

■Precaution about installation ---------- 7
■Installation space ---------- 8
■Ventilation ---------- 8
■Installation for base cover ---------- 8
■Piping ---------- 9
■Electrical wiring ---------- 10

Test operation

■Operation ---------- 12

Problems and remedies

■Compressor ---------- 13

Maintenance and inspection

■Compressor maintenance standards ---------- 14
■How to carry out maintenance ---------- 16

Specifications

■Compressor specifications ---------- 17

Appendix

■Outer dimensions ---------- 20
■Circuit diagram ---------- 21

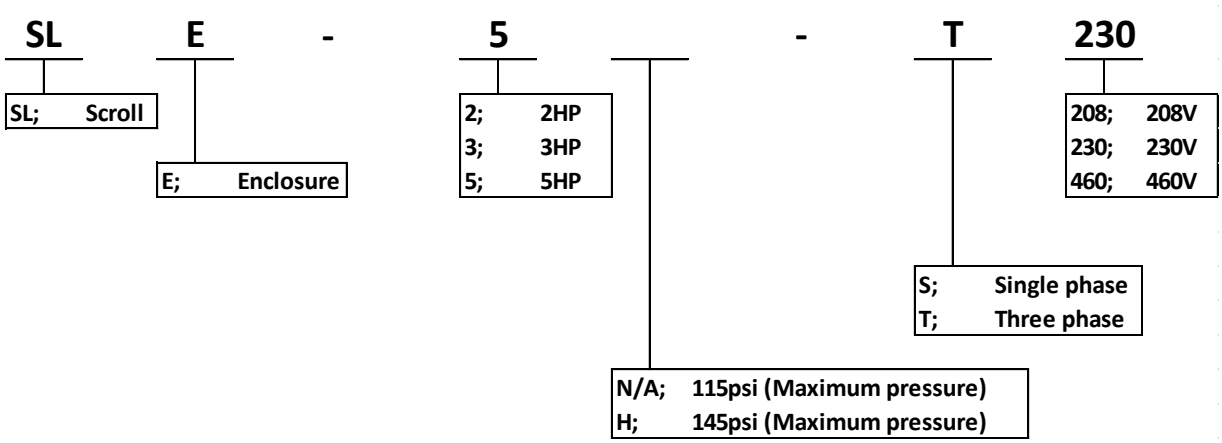
Warranty

■Warranty and remain ---------- 24

Before use

▪ Inspect the product

- Inspect the product to be sure you have the model you ordered.



- Check that there is no deformity or damage which occurred during transportation. Any shipping damage must be immediately filed with the freight carrier.
- Check that the following accessories are included.
    - Compressor instruction manual
    - Pump instruction manual
    - Auto drainer instruction manual
    - Base cover x 2
    - Rubber mat x 4
    - Ball valve

Installation

- **Precautions about installation**

WARNING!

Do not use in an area which is exposed to rain, steam or high humidity.
High humidity can cause electric shock or fire.
Do not install in an area with corrosive gas (ammonia, acid, salinity, ozone gas and sulfur dioxide) preventing a shorter lifespan of the unit.

WARNING!

To prevent a fire or explosion, install in an area free of flammable gases or organic solvents.

Ambient temperature

Use at ambient temperatures of 36°F to 104°F.
Using at less than 36°F will cause unit failure or freezing.

CAUTION!

Install this product on a level floor to prevent vibration and noise, causing damage to the unit.

CAUTION!

Install in an area which is free of dust. Dust can cause increased temperature and wear, resulting in a shorter lifespan and/or unit failure.

Installation

- **Installation space**

Secure the space around the compressor for safe inspection and maintenance.

Installation space (inch)	
Above	24
Front side	40
Other Sides	20

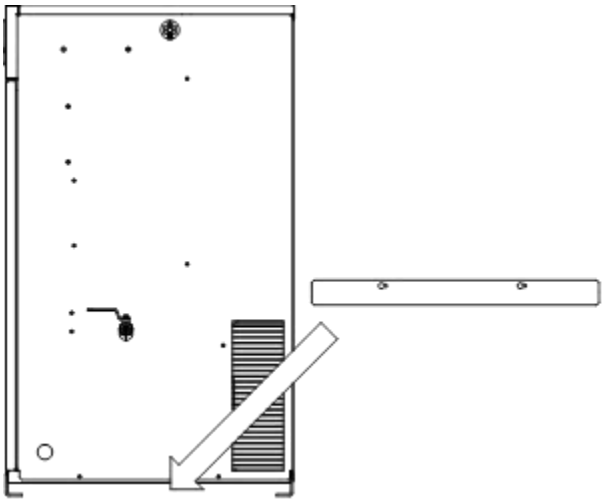
- **Ventilation**

When using in an enclosed closed room, install a fan for ventilation.

Model	British Thermal Unit (BTU)
SLE-2 SLE-2H	5120
SLE-3 SLE-3H	7680
SLE-5 SLE-5H	12800

- **Installation for base cover**

Please install the base covers by using the tapping screws at the base as shown below.



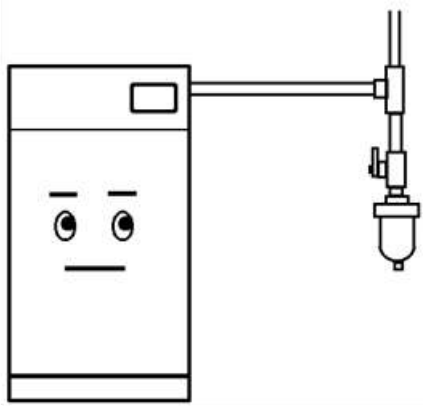
Installation

- **Piping**

(1) Take pressure loss into consideration and decide the piping diameter of the exhaust piping.

(2) Connect the outlet of the compressor and piping by using a rubber hose and flexible tube.
Direct connection to a steel pipe can transfer vibration of the compressor to the pipe causing issues for the print board of the compressor. Only use a rubber hose for the oil-free compressor.

(3) When there is a riser or concave section in the piping, be sure to install a drain valve at the low end.
Install a drain valve at the low end of the main piping as well.



Installation

- **Electrical wiring**

  ❖ Precautions about wiring

Turn off main electric source.

Be sure to turn off main electric source before inspection or wiring job.
If not, it can cause electric shock or serious bodily injury.

Ask qualified electrician.

Ask qualified electrician to perform electric wiring job.
If not, it can cause electric shock or fire.

Be careful about wiring.

Do not use cable of less than designated size.
If done, overheat of cable can cause fire.

Be sure to ground.

Be sure to do the grounding on the wiring job.
If not, it can cause electric shock or fire.

❖ How to run the wire

(1) Remove the cubicle cover panel on the right side panel.
(2) Remove the lid on the right.
(3) Be sure to securely connect the electric source （L1, L2, L3） and ground to the terminal in the cubicle.

Installation

❖ Wiring material

Use the correct size of cable and applicable breaker shown in the chart below.

208-230V, 1Phase

Model	Load specifications		Circuit protection Max Size		
	Motor load each (FLA)	Unit load total (FLA)	Non-time delay fuse (A)	Time delay fuse (A)	Inverse time circuit breaker (A)
SLE-2/SLE-2H (VFD starter)	13.2 - 12.0	17 - 16	40 - 40	25 - 25	35 - 30

208-230V, 3Phase

Model	Load specifications		Circuit protection Max Size		
	Motor load each (FLA)	Unit load total (FLA)	Non-time delay fuse (A)	Time delay fuse (A)	Inverse time circuit breaker (A)
SLE-2/SLE-2H (VFD starter)	7.5 - 6.8	10 - 9	25 - 25	15 - 15	20 - 20
SLE-3/SLE-3H (VFD starter)	10.6 - 9.6	14 - 13	35 - 30	20 - 20	30 - 25
SLE-5 SLE-5H	16.7 - 15.2	21 - 20	60 - 50	30 - 30	45 - 40

460V, 3Phase

Model	Load specifications		Circuit protection Max Size		
	Motor load each (FLA)	Unit load total (FLA)	Non-time delay fuse (A)	Time delay fuse (A)	Inverse time circuit breaker (A)
SLE-2 SLE-2H	3.4	5	15	15	15
SLE-3 SLE-3H	4.8	6	15	15	15
SLE-5 SLE-5H	7.6	10	25	15	20

Test operation

▪ Operation

❖ Preparation

(1) Check to be sure the air receiver piping has been firmly connected.

(2) Open the ball valve of the compressor air outlet.

❖ Operation and check pressure increase

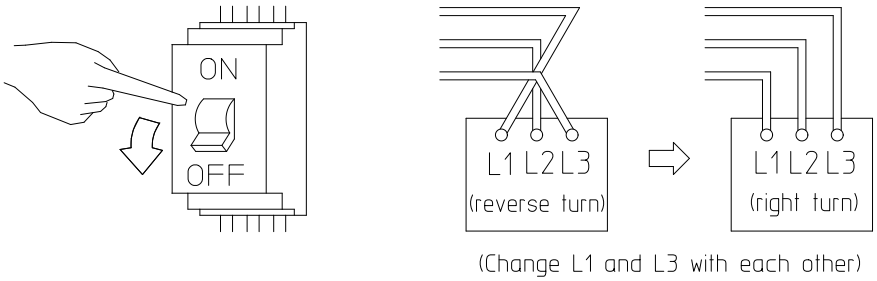
(1) Push the start button to operate the compressor.

(2) Be sure the pressure increases when the compressor starts.

⚠ CAUTI0N

If the pressure does not increase and an abnormal sound is heard during reverse rotation, stop the compressor. Turn off the main electric source and then change two out of the three phases to get the correct rotation.

Be sure to push the stop switch to stop the compressor and cut the leak breaker to avoid electric shock.



❖ Check maximum control pressure

Operate the unit while the ball valve of the air receiver is closed.

Be sure the compressor stops at the pressure shown below.

Model	Max. pressure (psi)
SLE-2, SLE-3 and SLE-5	116
SLE-2H, SLE-3H and SLE-5H	145

❖ Check minimum control pressure

When maximum pressure is reached and compressor stops, open outlet valve and gradually reduce pressure.

Check that compressor restarts at below pressures.

Model	Min. pressure (psi)
SLE-2, SLE-3 and SLE-5	96
SLE-2H, SLE-3H and SLE-5H	125

* In case the minimum pressure is changed to 96/125 psi, the volume of the air receiver must be 1.5 times larger than the recommendation at 86/115 psi.

❖ Stop

Push the stop switch and stop the compressor.

After the test operation ends, open the stop valve of the air outlet.

Problems and remedies

If you have any problems, please refer to the chart below.
If the (*) marked items are difficult for you to fix, please contact the shop you purchased it from.

- Compressor

Problems	Causes	Remedies
Compressor unit does not start	• Electric source is not ON.	• Turn on electric source
	• Electric source is not connected correctly.	• Connect it correctly
Power is at supply connection and compressor does not start	• Over load relay has tripped	• See last entry of Troubleshooting guide
	• Wrong or low voltage	• Inspect incoming power supply and unit power rating.
	• Starter has failed	• Inspect, repair or replace contactor assembly *
	• Pressure switch has failed	• Inspect, repair or replace pressure switch assembly *
	• Motor has failed	• Inspect, repair or replace motor *
Caution is displayed	• High ambient temperature, bad ventilation	• Improve installation environment and ventilation.
	• Clogging of fins of after cooler or intake metallic wire	• Clean
	• Failure of ventilating fan	• Inspect
	• Damage to intake hose	• Replace *
	• Cooling passage of air end clogs.	• Inspect *
Condition is displayed.	• Low voltage	• Check electric source capacity, size of electric source cable and change to proper one.
	• Motor failure	• Inspect, repair or replace *
	• Air end failure	• Disassemble, inspect or repair *
	• Loosened wiring screw	• Tighten
	• Pressure increases higher than designated one.	• Readjust
	• Failure of thermal relay.	• Replace *
Exhaust pressure does not increase.	• Air leaks from air piping.	• Inspect or repair
	• Reverse revolution	• Change phases.
	• Failure of pressure setting	• Readjust *
	• Clogged intake filter	• Clean or replace
	• Failure of pressure sensor	• Replace *
Safety valve activates.	• Failure of safety valve	• Replace *
	• Failure of pressure setting	• Readjust *
	• Failure of pressure sensor	• Replace *
Abnormal sound	• Reverse revolution	• Check revolving direction and change phases.
	• Air end failure	• Inspect, repair or replace *
	• Belt slips.	• Check tension and readjust
	• Motor failure	• Inspect, repair or replace *
	• Cooling fan contacted	• Inspect and repair
	• Loosened bolts	• Inspect and tighten

Maintenance and inspection

Carry out the following maintenance and inspection items according to the schedule below.

This interval is based on conditions where ambient temperature is at around 86°F.

If your location is warmer or running condition is severe, maintain at a shorter period.

During warmer conditions, shorten the period approximately 30 % from our recommendation at every 9°F.

The maintenance time differs from guarantee period.

- Compressor maintenance standards (SLE - 2, 3 and 5)

Inspect and check operational hours or number of years, whichever comes first.

Items	Contents	Maintenance time							Remarks
	Operational hours / Period	Daily	Every 400hrs, Every 2 months	Every 2,500hrs, Every 1 year	Every 5,000hrs, Every 2 years	Every 10,000hrs Every 4 years	Every 20,000hrs Every 8 years	Every 30,000hrs Every 12years	
Drain	Drain air receiver	○							Replace if abnormal.
abnormal sound/ vibration		○							
Ventilation fan	Smooth rotation			○					Replace if abnormal.
Intake filter			○	●					Replace when it is dirty.
Intake metal wire	Clean		○						Clean when it is dirty.
Safety valve	Check operation		○						
Belt	Inspect, replace		○ Initial only	○		●☆			No looseness, no abnormal sound
Intake hose Nylon pipe	Inspect, replace				○☆				Replace if there are cracks or hardening
Magnet switch	Inspect, replace				○☆	●☆			
Motor insulation	Check insulation				○☆				Replace if abnormal.
Motor	Inspect, replace						●☆		
Pulley	Check groove.					○☆			Replace if abnormal.
Temperature sensor	Measure resistance					○☆			Replace if abnormal.
Pressure sensor	Check operation					○☆			Check display figure. Replace if abnormal.
After cooler	Clean outside					○☆			Replace if abnormal.
O rings	Replace					●☆			
Check valve	Replace					●☆			
Air end seal parts, Re-grease	Inspect, replace					●☆			Use Iwata genuine grease.
Air end fan FS･OS fins	Clean					○☆			Replace when it is dirty.
Air end	Replace							●☆	

○ Inspect, ● Replace ☆ Consult with distributor who sold it to you.

Air intake filters are not covered under warranty. You may want to keep extra filters on hand.

Maintenance and inspection

- Compressor maintenance standards (SLE - 2H, 3H and 5H)

Inspect and check operational hours or number of years, whichever comes first.

Items	Contents	Maintenance time							Remarks
	operational hours	daily	Every 400hrs, Every 2 months	Every 2,500hrs, Every 1 year	Every 5,000hrs, Every 2 years	Every 10,000hrs, Every 4 years	Every 15,000hrs, Every 6 years	Every 20,000hrs, Every 8 years	
	period								
(Drain)	Drain air receiver	○							
abnormal sound/ vibration		○							
Ventilation fan	Smooth rotation			○					Replace if abnormal.
Intake filter			○	●					Replace when it is dirty.
Intake metal wire	Clean		○						Clean when it is dirty.
Safety valve	Check operation		○						
Belt	Inspect, readjust, replace		○ Initial only	○		●☆			No looseness, no abnormal sound
Intake hose Nylon pipe	Inspect, replace				○☆				Replace if there are cracks or hardening
Magnet switch	Inspect, replace				○☆	●☆			
Motor insulation	Check insulation				○☆				Replace If abnormal.
Motor	Inspect, replace							●☆	
Pulley	Check groove.					○☆			Replace if abnormal.
Temperature sensor	Measure resistance					○☆			Replace if abnormal.
Pressure sensor	Check operation					○☆			Check display figure. Replace if abnormal.
After cooler	Clean outside					○☆			Replace if abnormal.
O rings	Replace					●☆			
Check valve	Replace					●☆			
Air end seal parts, Re-grease	Inspect, replace				●☆				Use Iwata genuine grease.
Air end fan FS・OS fins	Clean				○☆				Replace when it is dirty.
Air end	Replace						●☆		

○ Inspect, ● Replace ☆ Consult with distributor who sold it to you.
Air intake filters are not covered under warranty. You may want to keep extra filters on hand.

Maintenance and inspection

- **How to carry out maintenance**
  - Intake filter
    Blow dust off the filter with an air gun and replace if it is dirty.
  - Safety valve
    Lift up the stem of the safety valve at around maximum pressure and check if air blows out.
  - Belt tension
    If the V belt makes a slipping sound at the startup, due to decrease of V belt tension, readjust the belt tension or replace it.
    If the belt tension is less than the figure in the chart below, adjust the belt tension again.
    An exclusive tool is necessary to measure belt tension.
    Ask our distributor to readjust belt tension when needed.

Model	Readjustment standard load / Hz	Readjustment target load / Hz Tolerance ±5	Replacement new belt target load / Hz Tolerance ±5
SLE-2(H) SLE-3(H) SLE-5(H)	75	98	105

Specifications

▪ Compressor specifications

- 2 HP

Item \ Model		SLE-2	SLE-2H
Compressor	Pump model	SL-165E	SL-1651E
	Control system	Pressure switch	
	Discharge pressure (psi)	85 to 115	115 to 145
	Air delivery (cfm)	*1 5.3	*1 4.5
	Driving system	V-belt	
	Discharge air temperature (°F)	Intake temperature + less than 30	Intake temperature + less than 30
	Air outlet	NPT 1/2" (Ball valve)	
	Air receiver (GAL)	7	7
	Noise level at 4.9 ft from front panel (dB A)	*2 46	
	Ground vibration (dB)	*3 less than 45	
Motor	Operating voltage	1Phase, 208-230V, 60HZ with VFD soft starter 3Phase, 208-230V, 60Hz with VFD soft starter 3Phase, 460V, 60Hz with Magnetic starter	
	Output (HP)	2	
Protection	Over current	Magnetic starter : Equipped （Thermal protector） VFD soft starter : VFD Equipped	
Others	Dimensions (W × L × H) (inch)	*4 22 × 24 × 42	
	Approx. mass (Lbs.)	260	260

Note

*1) Air delivery means average discharge air volume at 115 psi / 145 psi (maximum operating pressure) converted into atmospheric pressure. It is not a warranted figure.

*2) Noise level is measured in an anechoic room.

*3) The ground vibration is measured at the position of 0.4 inch from compressor side. (The ground vibration changes by the ground condition. This data is a reference value when compressor is left on a usual concrete floor.

*4) Dimensions are outer dimensions excluding extruding parts.

Specifications

▪ Compressor specifications

- 3 HP

	Item \ Model	SLE-3	SLE-3H
Compressor	Pump model	SL-165E	SL-1651E
	Control system	Pressure switch	
	Discharge pressure (psi)	85 to 115	115 to 145
	Air delivery (cfm)	*1 7.8	*1 6.4
	Driving system	V-belt	
	Discharge air temperature (°F)	Intake temperature + less than 30	Intake temperature + less than 30
	Air outlet	NPT 1/2" (Ball valve)	
	Air receiver (GAL)	7	7
	Noise level at 4.9 ft from front panel (dB A)	*2 50	
	Ground vibration (dB)	*3 less than 45	
Motor	Operating voltage	1Phase, 208-230V, 60HZ with VFD soft starter 3Phase, 208-230V, 60Hz with VFD soft starter 1Phase, 460V, 60Hz with Magnetic starter 3Phase, 460V, 60Hz with Magnetic starter	
	Output (HP)	3	
Protection	Over current	Magnetic starter : Equipped （Thermal protector） VFD soft starter : VFD Equipped	
Others	Dimensions (W × L × H) (inch)	*4 22 × 24 × 42	
	Approx. mass (Lbs.)	270	270

Note

*1) Air delivery means average discharge air volume at 115 psi / 145 psi (maximum operating pressure) converted into atmospheric pressure. It is not a warranted figure.

*2) Noise level is measured in an anechoic room.

*3) The ground vibration is measured at the position of 0.4 inch from compressor side. (The ground vibration changes by the ground condition. This data is a reference value when compressor is left on a usual concrete floor.

*4) Dimensions are outer dimensions excluding extruding parts.

Specifications

▪ Compressor specifications

- 5 HP

	Item \ Model	SLE-5	SLE-5H
Compressor	Pump model	SL-165E	SL-1651E
	Control system	Pressure switch	
	Discharge pressure (psi)	85 to 115	115 to 145
	Air delivery (cfm)	*1 14.8	*1 11.7
	Driving system	V-belt	
	Discharge air temperature (°F)	Intake temperature + less than 30	Intake temperature + less than 30
	Air outlet	NPT 1/2" (Ball valve)	
	Air receiver (GAL)	7	7
	Noise level at 4.9 ft from front panel (dB A)	*2 50	
	Ground vibration (dB)	*3 less than 45	
Motor	Operating voltage	3Phase, 208-230/460V, 60Hz Magnetic Starter	
	Output (HP)	5	
Protection	Over current	Equipped （Thermal protector）	
Others	Dimensions (W × L × H) (inch)	*4 22 × 24 × 42	
	Approx. mass (Lbs.)	280	280

Note

*1) Air delivery means average discharge air volume at 115 psi / 145 psi (maximum operating pressure) converted into atmospheric pressure. It is not a warranted figure.

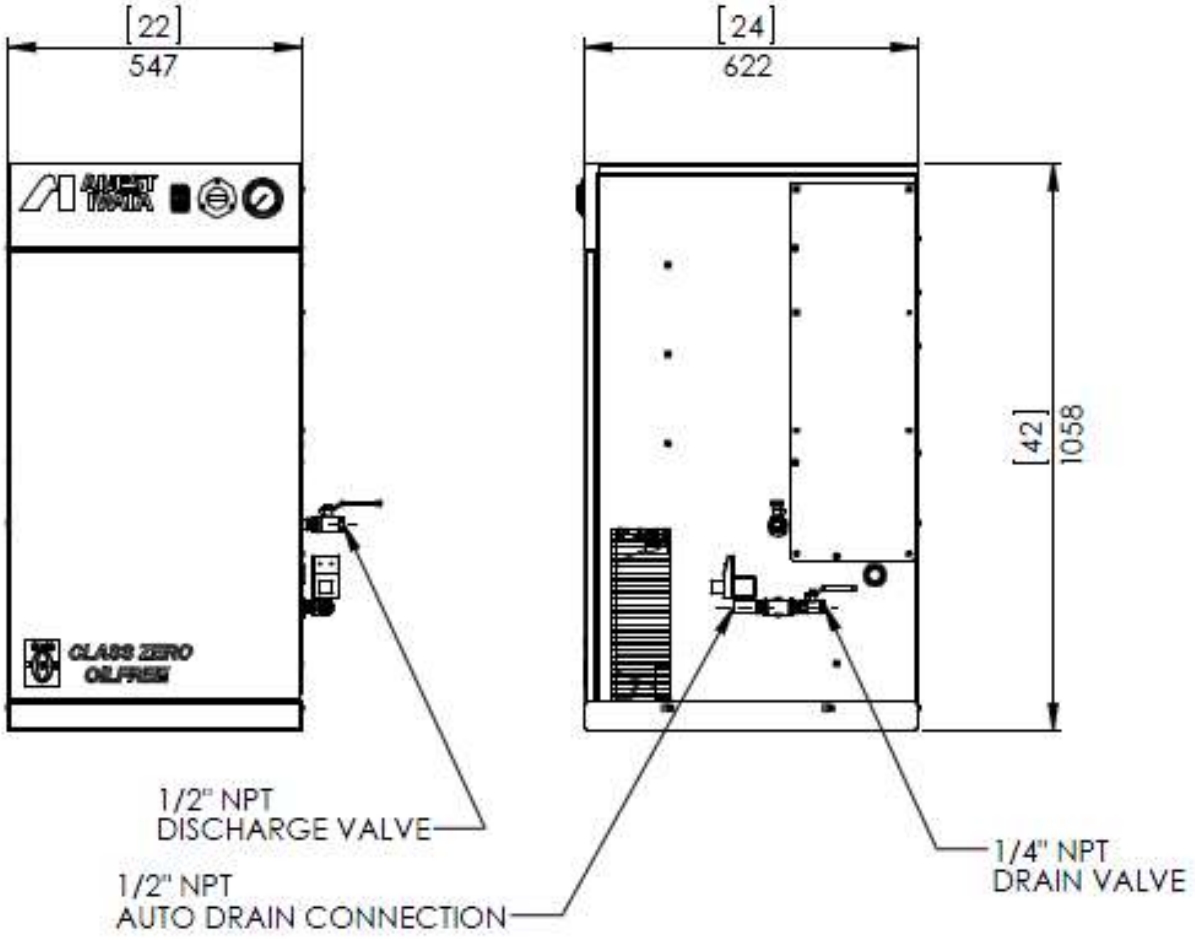
*2) Noise level is measured in an anechoic room.

*3) The ground vibration is measured at the position of 0.4 inch from compressor side. (The ground vibration changes by the ground condition. This data is a reference value when compressor is left on a usual concrete floor.

*4) Dimensions are outer dimensions excluding extruding parts.

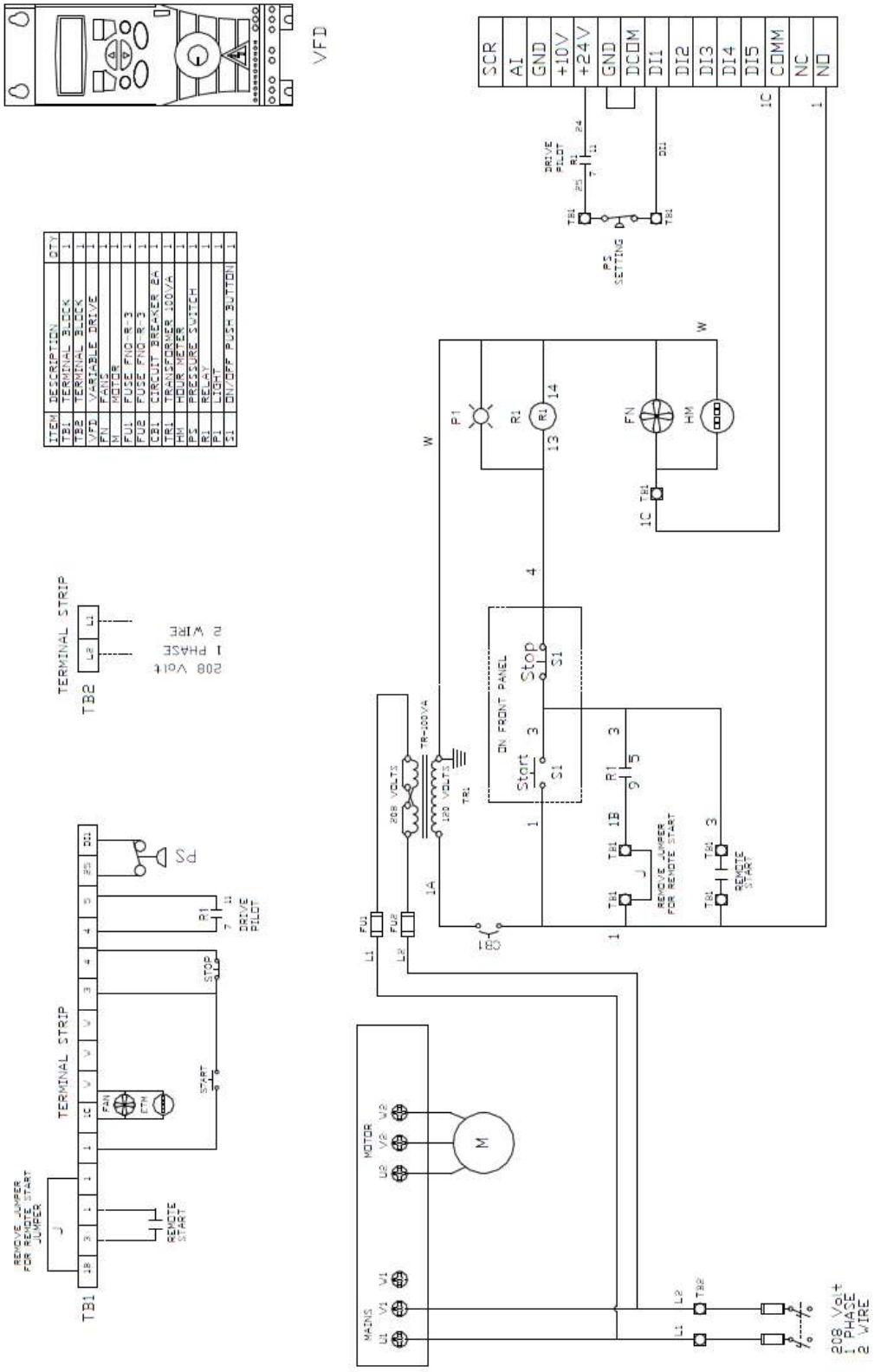
Appendix

- **Outer dimensions**
  - SLE--2/2H, SLE-3/3H and SLE-5/5H



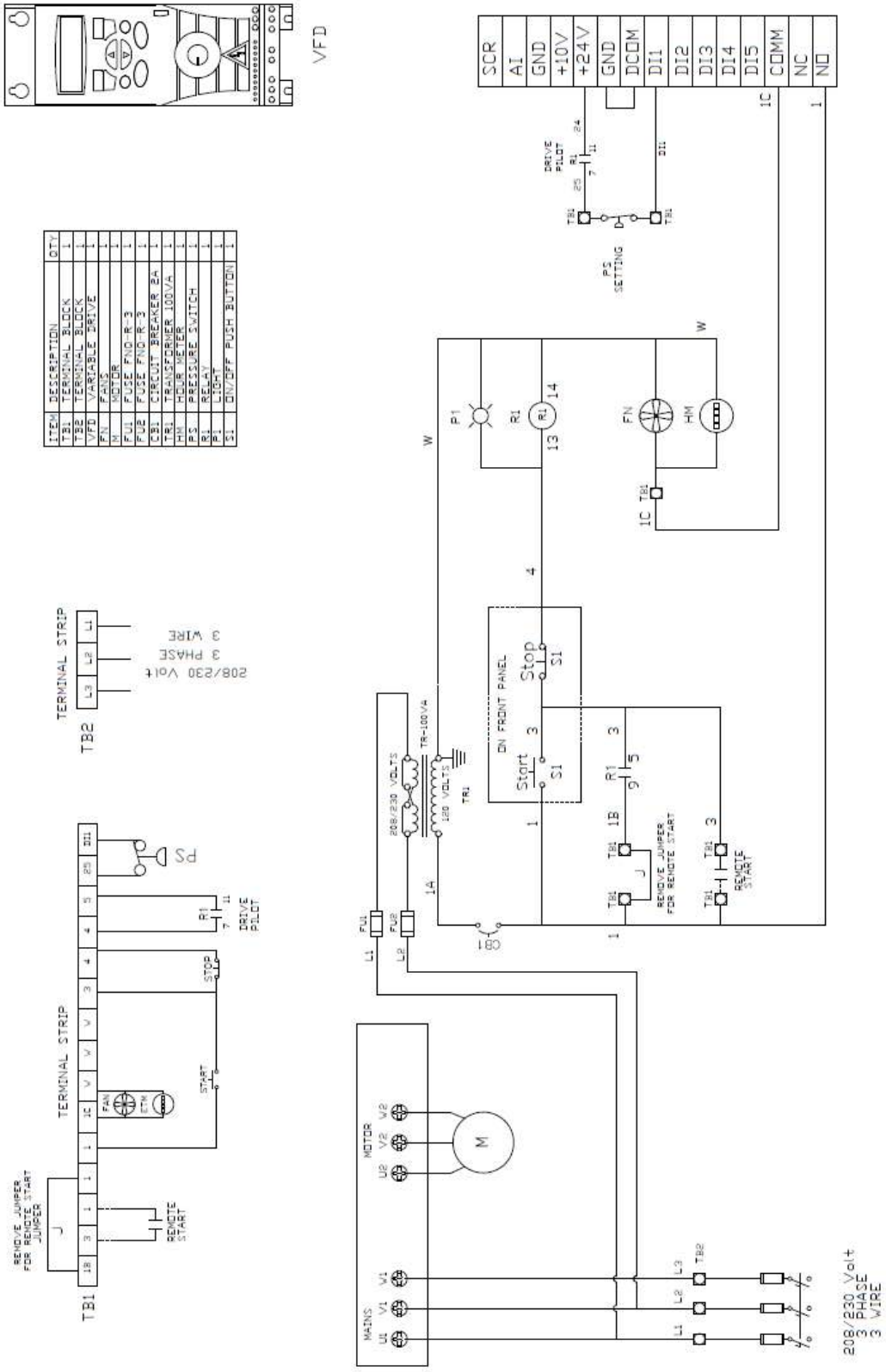
Appendix

- **Circuit diagram**
  - SLE-2,3-VS208/230



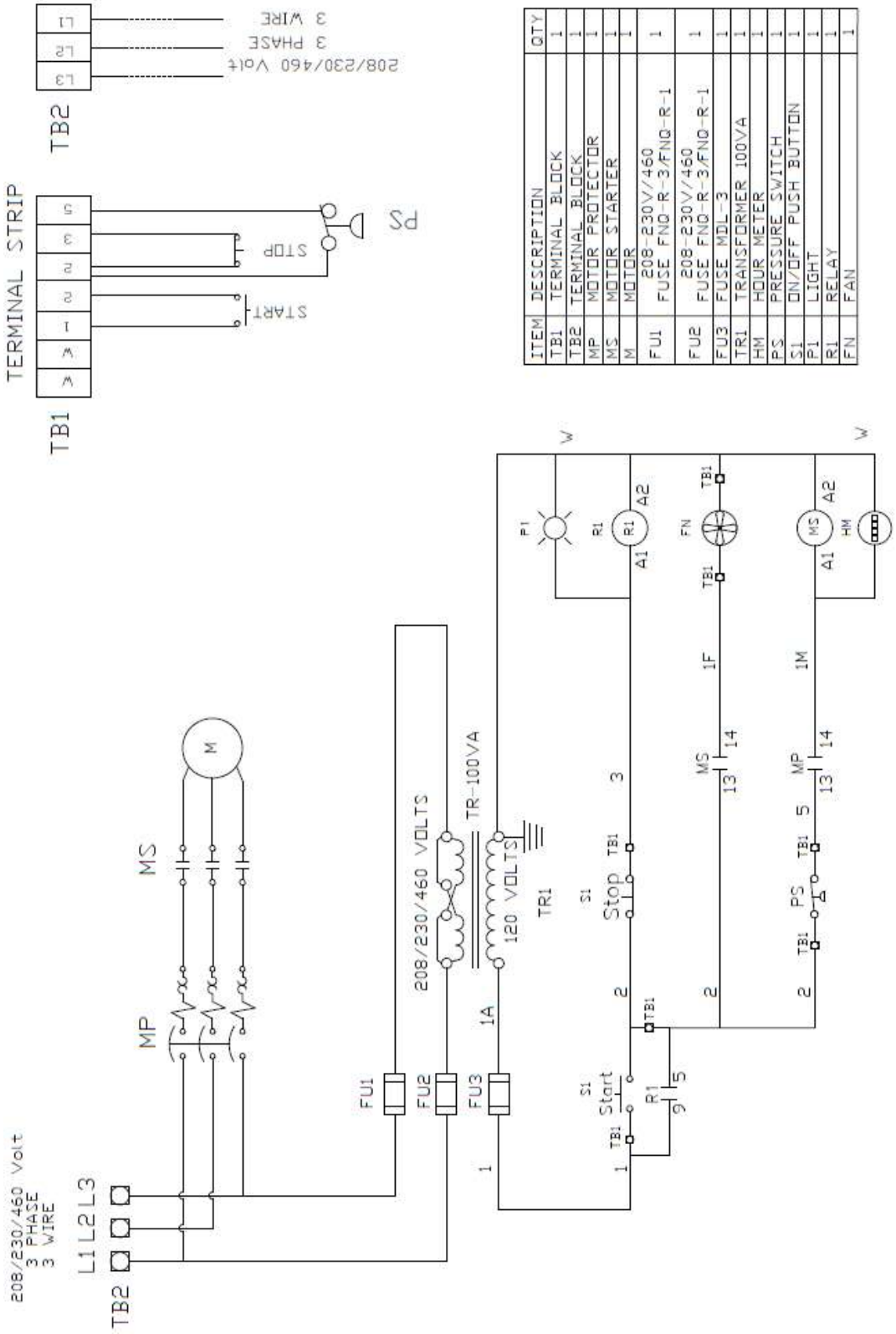
Appendix

- **Circuit diagram**
  - SLE-2,3-VT208/230



Appendix

- **Circuit diagram**
  - SLE-2,3-T460 and SLE-5-T208/T230/T460



Warranty

▪ Warranty and Remedies

(a) **General. Anest Iwata - Air Engineering warrants each Compressor System, Compressor Air-End, or Anest Iwata branded accessory (collectively "products", individually each a "product") to be free from defects in material and workmanship ("Defects") at the date of shipment. EXCEPT AS SET FORTH BELOW, NO OTHER WARRANTY, WHEATHER EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABLILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF SUCH PRODUCTS. TO THE EXTENT PERMITTED BY LAW ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED. All claims under this warranty must be made in writing and delivered to Anest Iwata Air Engineering, or such claim shall be barred. Upon timely receipt of a claim, Anest Iwata Air Engineering shall inspect the product claimed to have a defect, and Anest Iwata Air Engineering shall repair, or, at its option, replace, free of charge, any product which it determines to have had a defect at the time of shipment from Anest Iwata Air Engineering; provided, however, that if circumstances are such as to preclude the remedying of defect by repair or replacement, Anest Iwata Air Engineering shall, upon return of the product, refund to buyer any part of the purchase price of such products paid to Anest Iwata Air Engineering. Freight for the returning products to Anest Iwata Air Engineering for inspection shall be paid by buyer. The warranties and remedies herein are the sole and exclusive remedy for any breach of warranty or for any other claim based on any defect, or non-performance of the products, whether based upon contract, warranty or negligence.**

(b) **Initial period of warranty – Parts and Labor.** Anest Iwata Air Engineering warrants and represents all products shall be free from defects for the first twelve (12) months from the date of shipment by Anest Iwata Air Engineering, or five thousand (5,000) hours of use, whichever occurs first. During such warranty period, Anest Iwata Air Engineering shall be fully liable for all defects in the products (the "product defects"), i.e., all costs of repair or replacement, which may include "in and out" charges, so long as the products are located in the continental United States, and the products are reasonably located and accessible by service personnel for removal. "In and out" charges include the costs of removing a product from buyer's equipment for repair or replacement.

(c) **Additional period of Warranty – Parts Only (No Labor).** In addition to the above, Anest Iwata Air Engineering warrants each Anest Iwata branded compressor air-end, shall be free of defects for a period of eighteen months from the date of shipment of product, or 10,000 hours of use, whichever occurs first. Supplier's repair or replacement of any product shall not extend the period of any warranty of any product. This warranty applies to the exchange of part(s) found to be defective by an authorized Anest Iwata service center only.

(d) **Coverage.** The above mentioned warranty applies to Anest Iwata Air Engineering manufactured units or systems only.

(e) **Exceptions.** Notwithstanding anything to the contrary herein, Anest Iwata Air Engineering shall have no warranty obligations with respect to products:

- **(i)** That have not been installed in accordance with Anest Iwata Air Engineering's Written specifications and instructions;
- **(ii)** That have not been maintained in accordance with Anest Iwata Air Engineering's written instructions;
- **(iii)** that have been materially modified without the prior written approval of Anest Iwata Air Engineering; or
- **(iv)** That experience failures resulting from operation, either intentional or otherwise, in excess of rated capacities or in an otherwise improper manner.

(f) The warranty provided herein shall not apply to: (i) any defects arising from corrosion, abrasion, use of insoluble lubricants, or negligent attendance to or faulty operation of the products; (ii) ordinary wear and tear of the products; or (iii) defects arising from abnormal conditions of temperature, dirt or corrosive matter; (iv) any OEM component which is shipped by Anest Iwata Air Engineering with the original manufacturer's warranty, which shall be the sole applicable warranty for such component.

Limitation of liability. TO THE EXTENT ALLOWABLE UNDER APPLICABLE LAW, NOT WITHSTANDING ANYTHING TO THE CONTRARY HEREIN, UNDER NO CIRCUMSTANCES SHALL ANEST IWATA AIR ENGINEERING BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTAL, PUNITIVE, SPECULATIVE OR INDIRECT LOSSES OR DAMAGES WHAT SO EVER ARISING OUT OF OR IN ANY WAY RELATED TO ANY OF THE PRODUCTS OR GOODS SOLD OR AGREED TO BE SOLD BY ANEST IWATA AIR ENGINEERING TO BUYER. TO THE EXTENT ALLOWABLE UNDER APPLICABLE LAW, ANEST IWATA AIR ENGINEERING'S LIABLITY IN ALL EVENTS IS LIMITED TO AND SHALL NOT EXCEED THE PURCHASE PRICE PAID.

Warranty Disclaimer. Anest Iwata Air Engineering has made a diligent effort to illustrate and describe the products in this literature accurately; however, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable, or fit for a particular purpose, or that the products will necessarily conform to the illustrations or descriptions.

Product Suitability. Many jurisdictions have codes and regulations governing sales, construction, installation, and/or use of products for certain purposes, which may vary from those in neighboring areas. While Anest Iwata Air Engineering attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, please review the product applications, and national and local codes and regulations, and be sure that the product, installation, and use will comply with them.

Claims. Claims pertaining to the products, with the exception of warranty claims, must be filed with Anest Iwata Air Engineering within 6 months of the invoice date, or they will not be honored. Prices, discounts, and terms are subject to change without notice or as stipulated in specific product quotations. All agreements are contingent upon strikes, accidents, or other causes beyond our control. All shipments are carefully inspected and counted before leaving the factory. Please inspect carefully any receipt of products noting any discrepancy or damage on the carrier's freight bill at the time of delivery. Discrepancies or damage which obviously occurred in transit are the carrier's responsibility and related claims should be made promptly directly to the carrier. Returned products will not be accepted without prior written authorization by Anest Iwata Air Engineering and deductions from invoices for shortage or damage claims will not be allowed. **UNLESS OTHERWISE AGREED TO IN WRITING, THESE TERMS AND CONDITIONS WILL CONTROL IN ANY TRANSACTION WITH ANEST IWATA AIR ENGINEERING** Any different or conflicting terms as may appear on any order form now or later submitted by the buyer. All orders are subject to acceptance by Anest Iwata Air Engineering.

ANEST IWATA Air Engineering, 9525 Glades Drive, West Chester, Ohio 45069 USA 800-440-0282

ANEST IWATA AIR ENGINEERING, Inc.

www.anestiwata.com

inquiry@anestiwata.com

Toll Free (800)440-0282

No.SLE5-99 rev4.0