



Oil Less Scroll COMPRESSOR

SLE Enclosures - 2HP-60HP



ANEST IWATA Air Engineering, Inc. is a wholly owned subsidiary of ANEST IWATA Corporation. We manufacture, distribute and service air compressors and vacuum pumps from this facility. We are located in West Chester, OH (just north of Cincinnati, OH) in a 53,000 sq. ft. facility.



ANEST IWATA Corporation was founded in 1926 with headquarters located in Yokohama, Japan. We are a global manufacturer with 3 main divisions - Air Compressors, Vacuum Pumps and Spray Painting Equipment. With over 42 subsidiaries and companies worldwide, we are truly a global sales and service company with over 1400 employees total. Our Yokohama offices are home to our state of the art training center, corporate showroom & administration center.



The Air of Trust

ANEST IWATA

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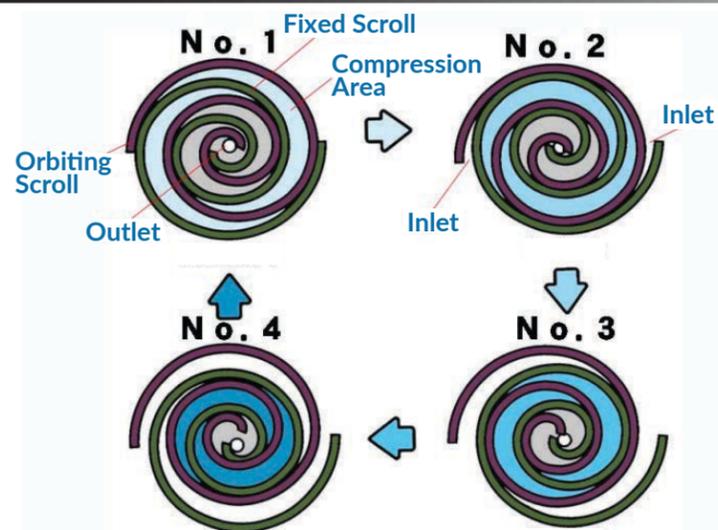
ANEST IWATA Corporation was the first to develop and market the oil less, air-cooled scroll pump in 1991. Since then, ANEST IWATA has refined and improved the scroll design to meet the requirements for critical air.

The ANEST IWATA SLE Scroll enclosures consist of one or more scroll pumps with each operating independently. The scroll pumps have a fixed portion and an orbiting portion that allow for air to be forced through an increasing confined space. The results are an air compressor that runs very quiet, efficient and oil less.



- ① Pump Inlet
- ② Pump Outlet
- ③ Fixed Scroll
- ④ Orbiting Scroll
- ⑤ Main Bearing Housing
- ⑥ High Flow Sirocco Fan for Cooling

Exploded view of SLE Scroll Pump



Compression principle for the scroll pump



CLASS ZERO OILFREE

ISO 8573-1:2010 Class Zero Oil Free scroll compressor

UL508A rated Control Panel

Quiet - Sound reducing enclosure cabinet

Adjustable pressure set points for automatic start/stop

Oversized 5 micron inlet filters

Twin belt-driven with sirocco fan for cooling

Oil less design - no lubrication required

User Friendly HMI touch screen with integrated PLC*

E-stop standard*

BACnet and Modbus communication is standard*

*Only SLE 10 (H) to 60 (H)

Technical Data - Oil Less Scroll Compressor

Model	Horse Power (HP)	Pressure On/Off (PSI)	Flow Rate*1 (SCFM)	Flow Rate*2-High Pressure (SCFM)	Air Outlet (Ball Valve) (NPT)	Sound (dB)	Receiver (GAL)	Voltage (V)	Dimensions LxWxH (Reference)	Weight (lbs)
SLE-2	2	85-115	5.3	-	½"	46	7	1ph/208-230V/460V, 3ph/208-230V/460V	22x24x42	260
SLE-2H	2	115-145	-	4.5	½"	46	7		22x24x42	260
SLE-3	3	85-115	7.8	-	½"	50	7	1ph/208-230V/460V, 3ph/208-230V/460V	22x24x42	270
SLE-3H	3	115-145	-	6.4	½"	50	7		22x24x42	270
SLE-5	5	85-115	14.8	-	½"	50	7	3Phase/208-230,460V/60Hz	22x24x42	280
SLE-5H	5	115-145	-	11.7	½"	50	7		22x24x42	280
SLE-10	10	94-116	29.6	-	1"	53	-	3Phase/208-230,460V/60Hz	26x38x62	690
SLE-10H	10	123-145	-	23.4	1"	53	-		26x38x62	690
SLE-15	15	94-116	44.4	-	1"	56	-	3Phase/208-230,460V/60Hz	26x38x62	875
SLE-15H	15	123-145	-	35.1	1"	56	-		26x38x62	875
SLE-20	20	94-116	59.2	-	1"	58	-	3Phase/208-230,460V/60Hz	26x38x62	1060
SLE-20H	20	123-145	-	46.8	1"	58	-		26x38x62	1060
SLE-30	30	94-116	88.8	-	1-½"	59	-	3Phase/208-230,460V/60Hz	54x24x62	1710
SLE-30H	30	123-145	-	70.2	1-½"	59	-		54x24x62	1710
SLE-40	40	94-116	118.4	-	1-½"	60	-	3Phase/208-230,460V/60Hz	54x24x62	2070
SLE-40H	40	123-145	-	93.6	1-½"	60	-		54x24x62	2070
SLE-50	50	94-116	143.7	-	1-½"	62	-	3Phase/230,460V/60Hz	60x52x67	2480
SLE-50H	-	TBD	TBD	-	-	-	-		-	-
SLE-60	60	94-116	172.5	-	1-½"	63	-	3Phase/230,460V/60Hz	60x52x67	2690
SLE-60H	-	TBD	TBD	-	-	-	-		-	-

*1- air delivery is average discharge air volume at 94PSI converted into atmospheric pressure for SLE-10/15/20/30/40/50/60 - not warrantable
*2- air delivery is average discharge air volume at 123PSI converted into atmospheric pressure for SLE-10H/15H/20H/30H/40H/50H/60H