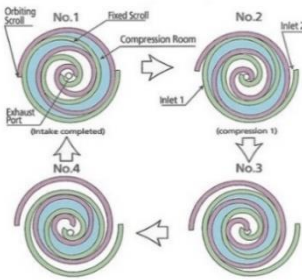


Oil-Less Scroll Enclosure Air Compressors

- Oil less scroll pump design.
- Very low noise & extremely low vibration.
- Aluminum body & internal special coating.
- Integral fan for maximum cooling.
- 10,000 hour bearing & seal maintenance.
- Single or multiple scroll units of 5 or 7.5 hp.
- UL control panel.
- Made in USA.



Principle of Operation



The compression is achieved by reducing the volume that is caught between the fixed scroll and the orbiting scroll. The compressed air is discharged through the center of the unit. This process is continuously repeated, resulting in the delivery of pulse-free compressed air.

Applications

Pharmaceutical - Hospital & Medical - Dental Laboratory – Painting – Food & Beverage - Packaging Application -Instrumentation - Rail Vehicles - Pneumatic control systems - Truck and Train Air brake systems.



ISO CLASS	Total oil concentration mg/m ³
0	As specified by the equipment user or supplier and more stringent than class 1
1	< 0.01
2	< 0.1
3	< 1
4	< 5

ISO 8573.1

Specifications

MODEL	HP	Kw	Max. pressure		Flow Capacity		dB (A)	Pump Qty.	Out Conn. NPT (Inches)	Dimensions L x W x H		Weight	
			(Psi)	(bar)	cfm	m3/h				Inches [mm]	(Lb)	(Kg)	
AESE-O30_-SSX	3	2.2	115	8	8.8	15.0	54	1	1/2"	28.0x29.0 x42.0		450	204
			145	10	7.2	12.2				[700x740x1070]			
AESE-O50_-SSX	5	3.7	115	8	14.2	24.1	56	1	1/2"	28.0x29.0 x42.0		470	213
			145	10	12.1	20.6				[700x740x1070]			
AESE-O75_-SSX	7.5	5.5	115	8	21.4	36.4	59	1	1/2"	48.0x32.0 x28.0		485	220
			145	10	16.4	27.9				[1,219x813x711]			
AESE-O100_-SSX	10	7.5	115	8	28.4	48.2	60	2	1"	48.0x32.0 x45.0		890	403
			145	10	24.2	41.1				[1,219x813x1,143]			
AESE-O150_-SSX	15	11.0	115	8	42.6	72.4	63	3	1"	48.0x32.0 x68.0		1,080	490
			145	10	36.3	61.7				[1,219x813x1,727]			
AESE-O151_-SSX	15	11.0	115	8	42.8	72.8	63	2	1"	48.0x32.0 x45.0		928	421
			145	10	32.8	55.8				[1,219x813x1,143]			
AESE-O200_-SSX	20	15.0	115	8	56.8	96.6	64	4	1"	58.9x57.9 x59.1		2,050	930
			145	10	48.4	82.3				[1,495x1470x1,500]			
AESE-O225_-SSX	22.5	17.0	115	8	64.2	109.1	65	3	1"	48.0x32.0 x68.0		1,200	544
			145	10	49.2	83.6				[1,219x813x1,727]			
AESE-O300_-SSX	30	22.0	115	8	85.6	145.5	66	4	1-1/2"	58.9x57.9 x59.1		2,249	1,020
			145	10	65.6	111.5				[1,495x1470x1,500]			
AESE-O450_-SSX	45	33.5	115	8	128.4	218.3	66	6	1-1/2"	58.9x57.9 x59.1		2,778	1,260
			145	10	98.4	167.3				[1,495x1470x1,500]			
AESE-O452_-SSX	45	33.5	115	8	128.4	218.3	66	3+3	1" (X2)	48.0x32.0 x68.0 (X2)		2,400	1,088
			145	10	98.4	167.3				[1,219x813x1,727] (X2)			

X: Type of HMI (E: Electronic / T: Touch) P: High pressure units (145 psig)

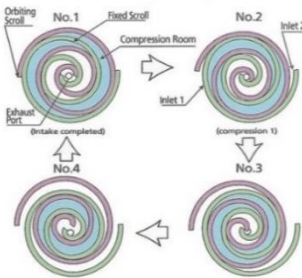
Note: Some compressor models could differ from images shown.

Compresores de Scroll sin aceite en cabina

- Diseño de unidad compresora exenta de aceite.
- Muy bajo nivel de ruido y vibración.
- Carcasa en aluminio y revestimiento interno especial.
- Ventilador integrado para máximo enfriamiento.
- 10,000 horas para mantenimiento de cojinetes y sellos.
- Panel de control UL.
- Fabricado en USA.



Principio de operación



La compresión se logra al reducir el volumen que queda atrapado entre el espiral fijo y el desplazamiento en órbita. El aire comprimido se descarga a través del centro de la unidad. Este proceso se repite continuamente, lo que resulta en la entrega de aire comprimido sin pulso.

Aplicaciones

Farmacéuticas - Hospitales & Medicina - Laboratorios Dentales - Pintura y Alimentos y bebidas - Empaque - Instrumentación - Vehículos Ferroviarios - Sistemas de control neumático - Sistemas de frenos de camiones y trenes.



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3	< 1
4	< 5

ISO 8573.1

Especificaciones

MODELO	HP	Kw	Max. presión		Caudal		dB (A)	Cant. comp	Conn. Desc. NPT (in)	Dimensiones L x W x H		Peso	
			(Psi)	(bar)	cfm	m ³ /h				Inches [mm]	(Lb)	(Kg)	
AESE-O30_-SSX	3	2.2	115	8	8.8	15.0	54	1	1/2"	28.0x29.0 x42.0		450	204
			145	10	7.2	12.2				[700x740x1070]			
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			145	10	98.4	167.3				[1,219x813x1,727] (X2)			

Notas: X: Tipo of HMI (E: Electronico / T: Táctil); P: Unidades de alta presión (145 psig) ; Algunos compresores pueden diferir de las imágenes mostradas.