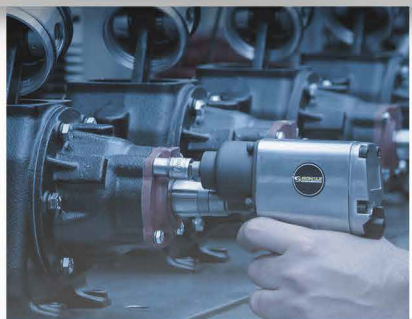
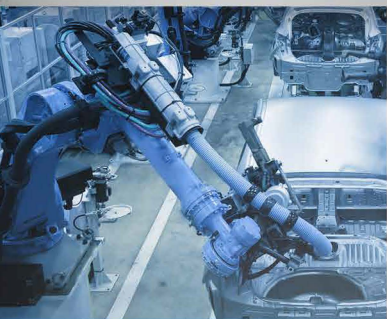


SCHULZ

OF AMERICA, INC.



Compressed Air Dryer
Secador de Aire Comprimido

COMPRESSED AIR DRYER

Secador de Aire Comprimido

The ADS Schulz line of air dryers was designed to facilitate inspection and maintenance operations. The panels are easily removable and allow immediate access to internal components. ADS Schulz dryers are equipped with a quick-disconnected automatic drain valve which does not require any special tools for maintenance and cleaning.

Performance

ADS Schulz dryers have excellent performance, even in situations where ambient and inlet temperatures are elevated.

Economy

ADS Schulz dryers are designed to match the displacement of the air compressors, consequently, it is not necessary to oversize the dryer, resulting in savings in energy consumption.

Funcionality

The dryer's operation is monitored by an electronic controller which digitally indicates the temperature and dew point, controls the drain valve through a timer, and the condenser fan through a probe. The refrigerant is circulated through the system using high-efficiency compressors. These compressors have totally new design that brings low levels of power consumption and high dependability.



Technical Specifications / Características Técnicas

Model / Modelo	Flow			Nominal Air Pressure / Presión Nominal	Máx. Air Pressure / Máx. Presión	Electric Voltage / Tensión Eléctrica	Nominal Voltage / Corriente	Conductor / Conductor	Refrigerant Fluid / Fluido Refrigerante	Dimensions / Dimensiones	Net Weight / Peso Líquido		
	scfm	l/min	m³/h	psig (barg)	psig (barg)	V	A	mm²	type / tipo	HxWxL / AxLxC	lb (kg)		
ADS 10	10	283	17	100 (7)	232 (16)	1/115/60	2,5	1,5	R134a	435 x 305 x 345 mm 17.1/8" x 12.3/16" x 12"	46 (21)		
ADS 15	15	425	25			1/115/60	1,1	1,5			48 (22)		
ADS 20	20	566	34			1/230/60	1,2	1,5		55 (25)			
ADS 35	35	991	59			1/115/60	2,7	1,5					
ADS 50	50	1.415	85			1/230/60	1,2	1,5		475 x 370 x 515 mm 18.11/16" x 14.9/16" x 18.11/16"	62 (28)		
ADS 75	75	2.123	127			1/115/60	3,2	2,5					
ADS 100	100	2.830	170			1/230/60	1,6	1,5		740 x 345 x 420 mm 29.1/8" x 13.9/16" x 15.3/8"	75 (34)		
ADS 125	125	3.538	212			1/115/60	5,1	2,5					
ADS 150	150	4.245	255			1/230/60	2,7	1,5		740 x 345 x 445 mm 29.1/8" x 13.9/16" x 16.5/16"	86 (39)		
ADS 175	175	4.953	297			1/115/60	8,0	2,5					
ADS 220	220	6.226	374			1/230/60	4,0	1,5		885 x 555 x 580 mm 34.13/16" x 21.7/8" x 22.13/16"	88 (40)		
ADS 300	300	8.490	509			1/115/60	7,6	4,0					
ADS 375	375	10.613	637			1/230/60	4,4	1,5		975 x 555 x 625 mm 38.3/8" x 21.7/8" x 24.5/8"	90 (41)		
ADS 480	480	13.584	815			1/115/60	7,7	4,0					
						203 (14)	1/230/60	4,9		1,5	R407C	1105 x 665 x 725 mm 43.1/2" x 26.3/16" x 28.9/16"	119 (54)
								5,2		1,5			123 (56)
					9,1		4,0	207 (94)					
					9,4		4,0	212 (96)					

Correction factor for operating pressure changes / Factor de corrección según la variación de la presión de funcionamiento

Inlet air pressure / Presión entrada aire	psig	60	80	100	120	140	160	180	203
	barg	4	5.5	7	8	10	11	12	14
Factor (F1)		0.79	0.91	1.00	1.07	1.13	1.18	1.23	1.27

Correction factor for ambient temperature changes / Factor de corrección según la variación de la temperatura ambiente

Ambient temperature / Temperatura ambiente	°F	≤80	90	95	100	105	110	115
	°C	≤27	32	35	38	40	43	45
Factor (F2)		1.10	1.07	1.04	1.00	0.93	0.83	0.70

Correction factor for inlet air temperature changes / Factor de corrección según la variación de la temperatura aire en entrada

Air temperature / Temperatura aire	°F	≤90	100	110	122	130
	°C	≤32	38	43	50	55
Factor (F3)		1.11	1.00	0.80	0.65	0.53

Correction factor for DewPoint changes / Factor de corrección según la variación del punto de rocío (DewPoint)

DewPoint / Punto de rocío	°F	38	41	45	50
	°C	3	5	7	10
Factor (F4)		0.92	1.00	1.7	1.25

These specifications are measured at the following conditions: Ambient temperature 38°C (100°F), Air inlet pressure at 7barg (100psig) and 38°C (100°F), and dew point at 5°C (41°F). Maximum operating conditions: Ambient temperature 45°C (113°F), air inlet temperature 55°C (131°F), and inlet pressure 14barg (203psig).

Los datos que se indican hacen referencia a las siguientes condiciones nominales: Temperatura ambiente 38°C (100°F), con aire en entrada a 7barg (100psig) y 38°C (100°F) y un punto de rocío a presión de 5°C (41°F). Máxima condiciones de funcionamiento: Temperatura ambiente de 45°C (113°F), temperatura entrada aire 55°C (131°F) y presión entrada aire 14barg (203psig).



SCHULZ
COMPRESSORS

Company History

With more than 51 years in the market, Schulz is constantly improving. Using state of the art technology to achieve the competitiveness requested by the market. In the beginning, Schulz concentrated its activities on the foundry segment, and in 1972, Schulz began manufacturing air compressors.

What began as a line of only two air compressor models would soon turn into the largest and most complete line produced in Brazil. In 1984, Schulz products were

made available through all of Latin America, Central America, and the USA.

Following this strategic development, in 1989 Schulz began the production of rotary screw compressors, competing in this segment with the biggest worldwide companies. In 1999, Schulz of America, Inc. was founded in Atlanta, Georgia with a warehouse, sales, and technical personnel who were trained at the head office in Joinville, Brazil. By doing this, Schulz definitively conquered it's share in the North American Market.

Currently, the company possesses modern industrial facilities with more than 667,000 ft2 of built up area where it develops diaphragm, reciprocating, and rotary screw compressors. Schulz continuously improves, perfecting production and testing processes and investing in staff development. Approved by the most demanding and rigorous international quality certification authorities, it is conquering important markets.

Today, Schulz is present in more than 60 countries, which reaffirms the excellence and the high technological standards of the product lines.

COMPRESSED
AIR ADVISORS

Inc.

Compressed Air Advisors, Inc.

Phone: 877.247.2381

info@compressedairadvisors.com

www.compressedairadvisors.com

 **SCHULZ OF AMERICA, INC.**