The Schulz ADS Series of non cycling compressed air dryers was designed to facilitate inspection and maintenance operations. The panels are easily removed and allow immediate access to internal components. All Schulz ADS dryers are equipped with a quick-connected electronic automatic drain valve which does not require any special tools for maintenance and cleaning.

Performance

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

ADS Series electronic control panel

Economy

Schulz ADS 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.

Functionality

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

TECHNICAL SPECIFICATIONS

MODEL	FLOW		NOMINAL AIR PRESSURE	MAX AIR PRESSURE	ELECTRIC VOLTAGE	NOMINAL VOLTAGE	WIRE GA	REFRIGERANT	DIMENSIONS	NET WEIGHT
	CFM	CONN	PSIG	PSIG	V	A	AWG	TYPE	HxWxL	lb
ADS 10	10	3/8" NPT-F	100	232	1/115/60	2.5	14GA	R134a	17.1/8"x12.3/16"x12"	46
ADS 15	15	3/8" NPT-F			1/115/60	2.6				48
ADS 20	20	½" NPT-F			1/115/60	2.7			18.11/16"x14.9/16"x	55
ADS 35	35	½" NPT-F			1/115/60	3.2	10GA		18.11/16"	62
ADS 50	50	½" NPT-F			1/115/60	3.4	14GA			70
ADS 75	75	1" NPT-F		203	1/115/60	5.1	10GA		29.1/8"x13.9/16"x 15.3/8"	75
ADS 100	100	1-1/4" NPT-F			1/115/60	8.0	14GA			86
ADS 125	125	1-1/4" NPT-F			1/115/60	7.6	10GA	R407C	34.13/16"x21.7/8"x 22.13/16"	88
ADS 150	150	1-1/2" NPT			1/115/60	7.7	14GA			90
ADS 175	175	1-1/2" NPT-F			1/115/60	7.7	10			119
ADS 220	220	1-1/2" NPT-F			1/230/60	5.2	14		38.3/8"x21.7/8"x 24.5/8"	123
ADS 300	300	2" NPT-F			1/230/60	5.9	10			207
ADS 375	375	2" NPT-F			1/230/60	9.1	6		43.1/2"x26.3/16"x 28.9/16"	212
ADS 480	480	2-1/2" NPT-F			1/230/60	9.4	6			317