



AS/AD Models—Climate Control

FEATURES AND BENEFITS

- Low annual maintenance cost
- 0-2 PPM Oil Carryover
- UL listed controls
- Low noise
- NEMA 1 Enclosure
- High Efficiency and EISA compliant motors (except 3/4 HP models)



AS System



AD System

Model	SCFM @ 100 PSIG	HP	Phase	Tank (Gal.)
AS—Simplex Systems				
AS107*	2.1	3/4	1	30/60
AS007*	2.1	3/4	3	30/60
AS110	3.4	1	1	30/60
AS010	3.4	1	3	30/60
AS015	4.5	1.5	3	30/60
AS020	6.7	2	3	60/80
AS030	10.1	3	3	80

Model	SCFM @ 100 PSIG	HP	Phase	Tank (Gal.)
AD—Duplex Systems				
AD107*	4.2	3/4 (2)	1	30/80
AD007*	4.2	3/4 (2)	3	30/80
AD110	6.8	1(2)	1	30/80
AD010	6.8	1 (2)	3	30/80
AD015	9.0	1.5 (2)	3	30/80
AD020	13.4	2(2)	3	80
AD030	20.2	3 (2)	3	80/120
AD050	37.2	5 (2)	3	120/200
AD075	56.0	7.5 (2)	3	120/200
AD100	74.0	10 (2)	3	200

OPTIONS FOR ALL MODELS

- Premium warranty
- Refrigerated air treatment system
- Electric Drain

Many HVAC systems use air pressure to control thermostat dampeners in the ducting systems. The varying air pressure on the thermostat opens and closes the ducts. A dependable and low duty cycle compressor is needed to control these dampeners. The pressure range for our simplex system is 70-90 psi and the range for the pumps on our duplex are 60-80 psi and 70-90 psi, but the end use pressure is under 30 psi at the thermostats. Diverse operating conditions in a demanding environment necessitate a durable system.

Our tank mounted climate control simplex (AS) and duplex (AD) units have been designed for low oil carryover and long life in the pneumatic climate control industry. Our duplex configuration is ideal for instrumentation systems that require an alternate compressor for standby or overload capacity.

*3/4 HP models can be used up to 5,000 ft. elevation; above 5,000 ft. elevation, 1 HP or greater models must be used.

