



### Features and Advantages

- One piece unit fully plumbed and wired for easy installation.
- Totally Oil-less operation for clean air applications.
- Easy to service Inlet filters/silencers
- High capacity output from 1.5 hp compressor means less cycle time and pump hours.
- Efficient and quiet operation 73-dB(a)

### Description:

Simplex Oil-less air package. One piece horizontal tank mount system is designed for single point connections. The heavy duty refrigerated air dryer is placed after the compressor and before the tank to facilitate dry air delivery to the receiving vessel, eliminating the need for draining the tank.

### Package Details:

Simplex clean air system, consisting of one continuous duty, oil free 1 1/2 HP pump. Shall be factory assembled in a one piece package, pre-plumbed and pre-wired for single point connections. Sturdy copper/brass plumbing and fittings (no plastic). The package includes:

- Rubber vibration mounts on compressor pump
- Vibration isolators under tank feet
- Safety relief valve at compressor outlet and on tank
- Refrigerated dryer with automatic condensate drain
- Adjustable pressure switch with on and off control
- Particulate Filter with 10 micron element

### Oil Free Compressor:

The Clean Air Package Compressor pump shall be a single stage, air cooled, dual reciprocating piston, continuous duty type. The pump shall be capable of operating continuously. One air filter/silencer at each inlet. Equipped with an inline check valve and emergency pressure relief valve.

### Electrical and Motor/Drive:

The compressor pump shall be direct driven by a 1,680 RPM, fan cooled, electric motor.

- Motor shall be 120volt, 60hz (Optional 50hz motor).
- UL Listed NEMA 5-15, 14 gauge 8' cord

### Receiver Tank:

The tank shall be constructed in accordance with A.S.M.E. Standards.

- 20 Gallon capacity - max PSIG 200
- Manual tank drain

### Optional:

- Lifting handles.
- Internal lined tank.
- Hour meter.

Model Number	Tank Gal.	HP	SCFM @ 100 PSI	dB(A)		System FLA 120V	BTU HR	Dimensions			Connection Out	Weight (LBS)
				Level				L	W	H		
DPCDA	20	1.5	4.1	73		10	3,817	37.0	15.0	32.5	0.25	183



## Connecting the compressor

1. Plug the unit into a proper 120V 15amp receptacle.
2. Connect your 3/8" OD 1/4" ID flex hose to the quick disconnect on the side of the compressor to the press. **See figure 1.**
3. Turn the unit on by flipping the on/off switch on the black box located in the middle of the unit. Compressor will build up to 110 psi and shut off and then turn back on at 90 psi. **See figure 2.**
4. To shut off or allow the air flow to the press, turn the valve on or off near the quick disconnect for your hose. **See figure 1**
5. Moisture will build up from the air dryer and drain from the yellow hose located in the back of the unit. This hose should be placed near a drain or sink to allow the water to drain properly. **See figure 3.**



Figure 1



Figure 2



Figure 3