

# Osprey™ LubeFree Air Compressors

Columbia Dentoform® Teaching Solutions  
DentalEZ® Equipment  
NevinLabs™ Workstations  
**RAMVAC® Utility**  
StarDental® Instruments



## RAMVAC® Utility Solutions

For any practice looking to increase productivity and decrease downtime servicing their compressor, RAMVAC® is your number one choice.

- RAMVAC heads are 100% duty cycle rated and run at 115 PSI max operating pressure producing more usable air than any other dental compressor.
- Dual column desiccant dryer provides 100% continuous supply of the driest, cleanest air in the dental industry. While one column is drying, the other is in operation and we make it extremely easy to replace desiccant cartridges right in your office.
- LubeFree / Oil-less heads eliminate the need for lubrication, eliminating pollution and waste of oil cans.
- Osprey Compressors have the best warranty in the industry – 6 years / 4200hours!
- Basic or Smart control platforms:
  - Basic controls use a traditional pressure switch and contactor arrangement to control the cycling of the compressor heads.
  - The Smart control platform (or C2 Control) utilizes more modern digital technology with a pressure transducer and solid state relays to control cycling.



RAMVAC products are manufactured in an ISO 13485:2003 Certified facility.

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# Osprey™ LubeFree Air Compressors

Model Number Description			
OSP	2	3	S
Compressor Series	Voltage	Number of Users	Type of Control
OSP = Osprey	1 = 115V 2 = 230V	2 = 2 to 3 Users 3 = 3 to 4 Users 5 = 5 to 7 Users 8 = 8 to 11 Users	S = Smart B = Basic

## Choosing the Right Compressor for your Application:

Have all important information prior to selecting a compressor.

- What is the maximum number of simultaneous air users?
- How many operatories will the compressor serve?
- Have the office airlines been checked for leakage?
- Are there any other components of the practice that utilize clinical air?

	OSP22S/B	OSP13S/B	OSP23S/B	OSP24S/B	OSP25S/B	OSP28S/B
Users	2 to 3	3 to 4	3 to 4	4 to 6	5 to 7	8 to 11
Voltage (AC)	208 to 253	104 to 127	208 to 253	208 to 253	208 to 253	208 to 253
Amps	10.5	23	11.5	16.3	21	32
Total HP	2	2.5	2.5	3.25	4	6
Weight (lbs)	160	190	190	250	260	385
Dimensions W x D x H (in)	29" x 21" x 29"	29" x 21" x 29"	29" x 21" x 29"	35" x 25" x 30"	35" x 25" x 30"	41" x 29" x 32"
Peak Airflow Output @ 80 PSI (CFM)	6.0	6.6	6.6	9.3	12.0	18.1
Pump Up Cycle Time, 85 to 115 PSI (Sec)	45	45	45	45	40	40
Tank Size (Gal)	12	12	12	20	20	30
Filtration (microns)	0.3 Coalescing; 0.01 Final Particulate					
Dryer Duty Cycle	100%					
Dryer Dew Point (PDP)	-40°F / -40°C					

## Things To Remember:

- An air compressor is one of the most important pieces of equipment in the dental office - don't take it for granted.
- Air leaks will cause the compressor to run more often. Identify and repair air leaks.
- Compressed air generates heat and moisture. A dry, cool, clean, ambient air source helps compressors provide high air quality.

PARTICLE	PARTICLE SIZE (MICRONS)
Pollens	10 - 1000
Mold Spores	10 - 30
Mold	3 - 12
Bacteria	0.3 - 60
Viruses	0.005 - 0.3

Chart of ISO 8573 Classifications				
CLASS	MAXIMUM SOLID PARTICLE SIZE (µm)	MAXIMUM SOLID CONTAMINANT CONCENTRATION (mg/m3)	MAXIMUM PRESSURE DEW POINT (C°)	MAXIMUM OIL CONCENTRATION (mg/m3)
1	0.1	0.1	-70	0.01
2	1	1	-40	0.1
3	5	5	-20	1
4	15	8	+3	5
5	40	10	+7	25
6			+10	
7			Not Specified	

\* Osprey compressor dual dessicant dryer and filters meets these ISO classifications

\*\* Competitor's membrane dryer and filters classification

