

SCHULZ OF AMERICA, INC.

Oil-Less Piston
Variable Speed
Compressors

**SAFETY and
EFFICIENCY**
in medical and laboratory
environments



www.schulzamerica.com

THE BEST PERFORMING AIR COMPRESSORS ON THE MARKET

Investing in quality compressed air is essential to ensure high-quality and efficient performance for your business. Oil-Free Flex Compressors are designed to provide top safety and efficiency in medical and laboratory environments, such as hospitals and dental offices, as well as industrial oilless applications.

The Oil-Less Flex Compressor line is the only category of piston compressors with frequency drive, which allows controlling the air flow according to demand. Use of the VSD enables greater energy savings as well as greater process efficiency. Check out the main benefits of the Oil-Less Flex Compressors line with frequency drive (VSD):

- **GREATER PERFORMANCE AND EFFICIENCY**
The VSD controls air flow, maintaining stable pressure during the process and guaranteed extra flow in times of high demand
- **GREATER ENERGY SAVINGS**
The VSD controls the speed of the compressor motor, with a soft start and avoiding electrical current spikes that increase energy consumption
- **GREATER COMPRESSOR DURABILITY**
The inverter protects against phase failure and overcurrent, in addition to providing a softer motor start, increasing the lifespan of the most important mechanical components
- **BETTER MAINTENANCE CONTROL**
The digital interface allows monitoring the compressor's technical parameters and hour of operation, indicating the need for compressor maintenance
- **HEALTH PROTECTION AND SAFETY**
Air tank and safety valves in accordance with ASME, in addition to internal tank painting with antibacterial additive

Obs.: Does not come with wall mounting brackets.



CSW 40/420

10 hp | 40 cfm • 120 psi
80-120 psi | 120 gal | 950 lb
(LxWxH): 63.x26.6x51.7 inches



CSW 60/420

15 hp | 60 cfm • 120 psi
80-120 psi | 120 gal | 1080 lb
(LxWxH): 63.x26.6x51.7 inches



WHAT IS A VARIABLE SPEED DRIVE AND WHAT ITS PURPOSE?



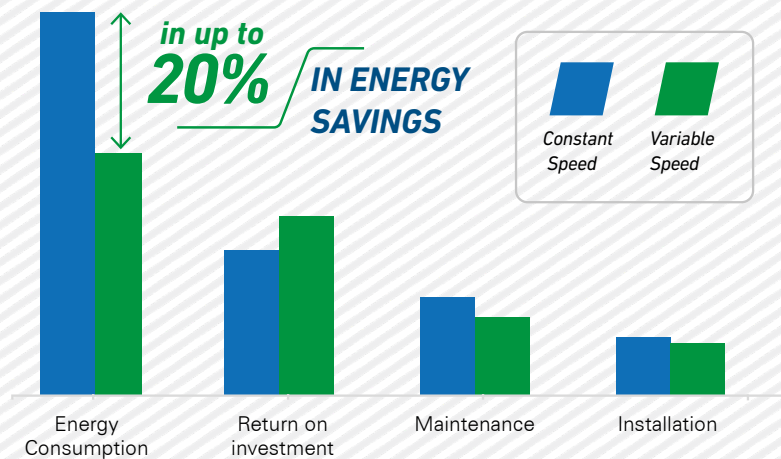
The VSD is an electrical/electronic device whose main function is acting on the automatic speed control of a Air Compressor Electric motor.

The VSD generates a variable speed system that delivers only the amount of compressed air needed for the application. If the demand for compressed air fluctuates, the VSD automatically adjusts the flow, avoiding waste and generating great energy savings.



RETURN ON INVESTMENT IS GUARANTEED

In up to 2 years (considering compressor use of 13h/day, 7 days a week)



APPLICATION GUIDE

CSW 40/420 CSW 40/AD	15 Dental office equipment with triple drill, micro-motor and simple suction with vacuum pump.
CSW 60/420 CSW 60/AD	20 Dental office equipment with triple syringe, micro-motor and simple suction with vacuum pump.

SUGGESTED DRYER

ADS - 50

ADS - 75

SUGGESTED FILTER

FS0050

FS0070

This guide is based on dental offices with air consumption up to 75 l/min.

Learn about other oil-less compressed air applications:



-Pharmaceutical
-Cosmetic



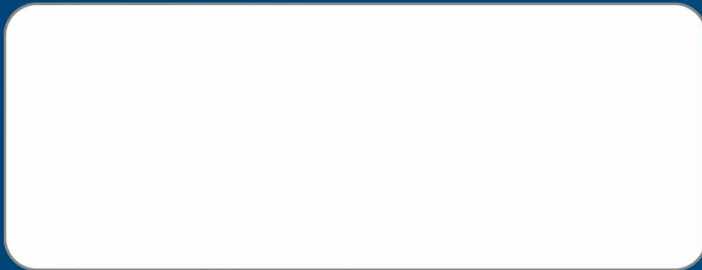
-Food
-Beverages
-Robotic milking machine



-Textile
-Chemical



- Car Manufacturing



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