

Water-lubricated Oil-Free Screw **Compressors**

NXVW-Series Screw Compressor

The unit features an integrated design with no complex piping, resulting in fewer potential failure points and more stable operation. This equipment utilizes fifth-generation oil-free screw compressor core technology to achieve a technological breakthrough, transitioning from a copper compressor core to a stainless steel compressor core.



* F = Fixed Speed | V = Variable Speed Drive (VSD). Parameters are for reference only.

We partner with global industry leaders to ensure that every component meets the highest reliability standards.

35%

AVERAGE
ENERGY SAVING

IE4

MOTOR
EFFICIENCY

24/7

REMOTE
MONITORING

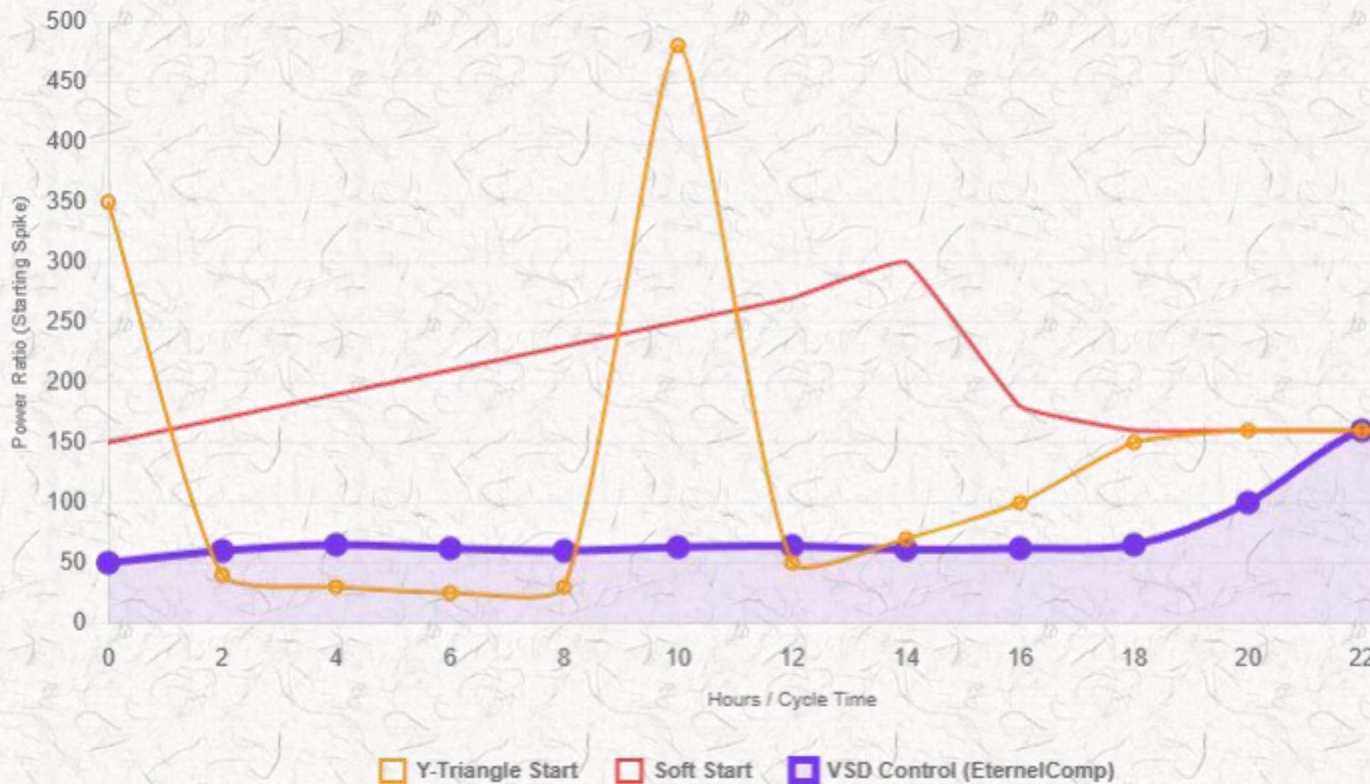


**emission
eco-friendly**

Driving Down Your Energy Cost

Energy consumed by a compressor represents over 80% of its lifecycle cost. Our upgraded Variable Speed Drive (VSD) technology precisely tracks air demand to eliminate wasted power.

Full Workload Power Ratio Comparison



Lifetime Cost Reduction

Pure oil-free airflow avoids oil pollution, perfectly matching medical, food and precision industrial demands.

Energy seveining **35% ↑**

Lifetime Cost Reduction **22% ↓**

** Based on standard operating cycles in manufacturing environments using NXVW-eries permanent magnet motors.*

Digital Smart Cloud Control System

Our moist-balanced oil-free compressors support unit linkage control via IoT, with full monitoring, fault alerts and maintenance reminders to ensure stable clean air supply.

- 01 24/7 Real-time Status Monitoring
- 02 Remote Diagnostic & Fault Warning
- 03 Mobile App & PC Integration
- 04 Data Analysis for Efficiency Optimization

Satellite

BEI DOU SYSTEM

Security

DATA ENCRYPTION

Network

5 G / NB-IOT

Custom

API ACCESS

1

Intelligent Control System

It shows running status, data and fault alerts, tracks pressure, power and temperature online, and supports customizable multilingual UI for easy operation

2

Efficient Frequency Inverter

Built-in PM variable frequency tech, fast pressure adjustment within ± 0.01 MPa; soft start enables accurate speed control and saves up to 40% power.

3

Stainless Steel Oil-free Air End

Equipped with 5th-generation screw airend made of stainless steel alloy, realizing an upgrade from conventional copper rotors.

Technical Specifications

NXVW — Series Screw Air Compressor (Power 7.5 - 200Kw)

Model	Power (kW/HP)	Pressure (bar)	Air Delivery (m ³ /min)	Dimension (mm)	Weight (kg)
NXVW-7.5F/V	7.5/10	8-10	1.05~1.17	800*800*1200	320
NXVW-15F/V	15/20	8-10	2.43~2.17	1200*755*1130	440
NXVW-37F/V	37/50	8-10	5.3~6.50	1580*1000*1485	880
NXVW-55V	90/75	8-10	8.55~10.3	2050*1300*1690	1100
NXVW-75V	75/100	8-10	11.5~13.0	2550*1550*1825	1230
NXVW-110V	110/150	8-10	16.7~20.2	2550*1550*1825	2230
NXVW-132V	132/175	8-10	20.0~23.5	2800*2128*1860	2360
NXVW-185V	185/250	8-10	29.0~31.3	2700*1800*1970	4050
NXVW-200V	200/270	8-10	31.8~36.75	2700*1800*1970	4200

* F = Fixed Speed | V = Variable Speed Drive (VSD). Parameters are for reference only.



PRODUCTS

Pursuing Exceptional Quality and High-Caliber Innovation. Dedicated to driving down your energy cost globally.

- Oil-Lubricated Compressors
- Oil-Free Screw Compressors
- Nitrogen/Oxygen Generator
- Blower
- Strategic Products
- Treatment Equipments

SUPPORT

- Customization
- Global Network
- Original Spare parts
- Lifecycle Servicearts

CONTACT US

Nanxiang Sales Service Center

Available across USA, Canada, Germany, India, and more.