

★ NAPACOMP ★



NP7.5L – NP75L-D / NP11V – NP90V-D
Oil-injected Rotary Screw Air Compressor



V Series L Series

Napacomp Company Profile

Napacomp screw air compressor, a well known brand in Singapore. Our factory is located in Singapore air compressor manufacturing base. We have advanced assembly & production line and testing equipment to support us develop, design and manufacture screw air compressor comply with the regulation of ISO9001 quality system & compressor industry standard. And our professional management, technician, sales and after sales team offer the compressor solution and perfect service to customers.

Napacomp screw air compressor are widely used in each industry such as oil industry, chemical, electron, garment, plastic, glass, cement, water treatment, agriculture, food, construction, wooden etc. Product line include L series micro-oil injection screw air compressor, V series variable speed screw air compressor, CPM/FPM permanent magnet screw air compressor, D series low pressure screw air compressor and H series two stage compression screw air compressor. Product power range is from 7.5kw-630kw.

Napacomp core products meet the Nation Energy Efficiency Standard level 1, other products meet the Nation Energy Efficiency Standard level 2.

OEM Service: Besides Napacomp brand, we are also capable to provide customers OEM service, please contact us for details.



Napacomp Sales Network



Napacomp Service Global Customers



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Air-end

- High efficiency
- Best rotor speed
- Low vibration, stable and best performance
- Adopt the triple design of cylinder & taper roller bearing, longer service life



Pipe system

- Stainless steel hard pipe, stable and no aging problem
- Good heat dissipation effect
- Best sealed O ring
- No leakage problem, long service life



Oil filter

- High precision filter effect
- Keep the oil system clean
- Superfine glass fiber, dust-holding capacity is 4 times bigger than filter paper
- Protect air-end, and avoid to be damaged by the bad environment



L Series



Easy maintenance

- Belt tension easy adjust
- Reasonable structure design, big internal volume, convenient maintenance
- No need specific tool to maintain
- There are crash pad under motor and air-end, reduce noise greatly



L Series

Belt Driven



PLC Control System

- English is language can be selected in the system
- The whole system situation will be showed in the controller, system with maintenance remind, fault alarm and safety shutdown function.
- PLC control system can be diagnosed and protected by it-self.
- PLC control system has block control and remove control function (option)



Technical Parameters (Belt Driven)



Model	m ³ /min@0.6MPa F.A.D	Drive Type	Motor Power (kW)	Connection	Dimensions	Weight (kg)
NP7.5L	1.2@0.7/1.1@0.8 1.0@1.0/0.8@1.25	Belt Driven	7.5	G1/2"	850x600x850	220
NP11L	1.8@0.7/1.7 @0.8 1.5@1.0/1.3 @1.25		11	G3/4"	850x600x950	280
NP15L	2.5@0.7/2.4@0.8 2.2@1.0/1.7@1.25		15	G1"	950x870x1230	380
NP18.5L	3.2@0.7/3.0@0.8 2.7@1.0/2.3@1.25		18.5	G1"	950x870x1230	500
NP22L	3.8@0.7/3.7@0.8 3.2@1.0/2.7@1.25		22	G1"	950x870x1230	540
NP37L	6.5@0.7/6.2@0.8 5.6@1.0/4.6@1.25		37	G1-1/2"	1150x990x1395	730

- According to the standard of GB19153-2009
- Standard Power Supply: 380V/50Hz/3Ph
- Please contact us for any specification that is not within the above mentioned standard.
- Compressor Stage: One Stage Compression
- Exhaust Temperature: Ambient Temperature + 15 °C



L Series

Direct Driven



- Motor connects with the air-end male rotor directly by the coupling, no need to use the gear box so as to save the investment cost, this design greatly improve the transmission efficiency. Napacomp produce the really 1:1 energy transfer direct driven screw air compressor.
- No need install foundation and foundation bolt, Napacomp screw air compressor is stable operating and reliable, low vibration, continuous offer smooth compressed air to users.
- The compressor design temperature is according with the high temperature (46℃) and high humidity situation, This design avoids the shutdown possibility caused by the high temperature.
- Silent case type, low noise & low vibration. Intelligent control system, Napacomp is mechanical & electrical integrate screw air compressor.



Technical Parameters (Direct Driven)

Model	m ³ /min @0.8MPa F.A.D	Drive Type	Motor Power (kW)	Connection	Dimensions	Weight (kg)
NP22L-D	3.6@0.8	Direct Driven	22	G1"	1410x850x1135	560
NP37L-D	6.2@0.8		37	G1-1/2"	1530x930x1255	740
NP45L-D	7.1@0.8		45	G1-1/2"	1700x1050x1255	970
NP55L-D	10.0@0.8		55	G1-1/2"	1800x1125x1350	1180
NP75L-D	13.0@0.8		75	G2"	2000x1200x1500	1470

- According to the standard of GB19153-2009
- Standard Power Supply: 380V/50Hz/3Ph
- Please contact us for any specification that is not within the above mentioned standard.
- Compressor Stage: One Stage Compression
- Exhaust Temperature: Ambient Temperature + 15 °C

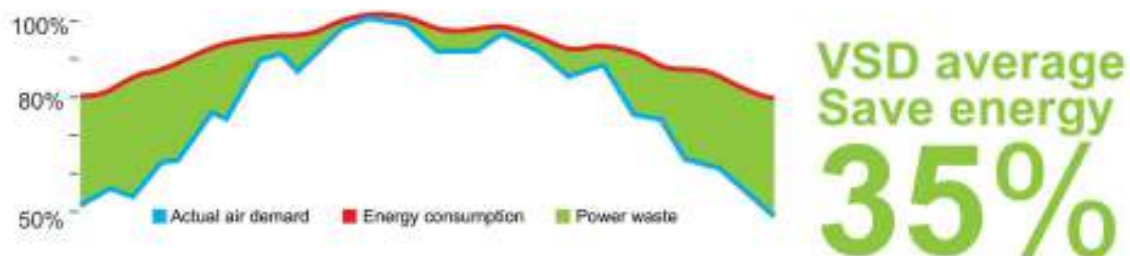


V Series

V Series Variable Speed Driven Save your energy costs!

Electricity cost occupies over **80%** of the air compressor operating cost. Moreover, the electricity cost of air compressor occupies 40% of the factory total electricity cost. Can you imagine when your screw air compressor unloading, it continuous to consume electric power but giving you nothing in return.

To save your energy cost, Napacomp integrate the Variable Speed Drive (VSD) technology into the air compressor which greatly save the energy and protect the environment. Napacomp will constantly explore and develops the VSD technology in the future.



Why choose Napacomp Variable Speed Screw Air Compressor?

- On average 35% energy savings during air demand fluctuations, VSD technology controls compressor to deliver the exact air volume as air demand precisely.
- No compressed air wasted during unload, no air leakage problem when normal operation.
- VSD starting lows down the impact of electric net effectively when starting.
- Reduce the leakage problem rate due to the lower system pressure.
- Perfect match between the air compressor and the inverter.

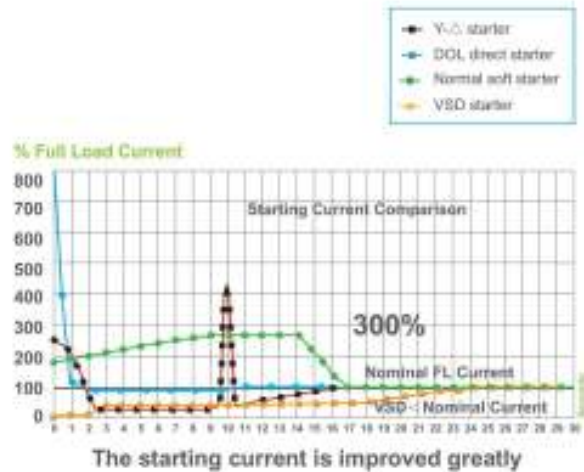
Napacomp energy saving rate is the leading of industry. The highest saving energy rate reaches to 30%.

Generally you can get your investment cost within 2years

Energy-saving (kwh/year)



Energy saving for different power air compressor
(Annual operating hours: 6000hours, loading rate is 70%)



Technical Parameters(VSD)



Model	m ³ /min @0.8MPa F.A.D	Drive Type	Motor Power (kW)	Connection	Dimensions	Weight (kg)
NP11V	0.5~1.7@0.8	Belt Driven	11	G1"	950x870x1230	350
NP15V	0.8~2.4@0.8		15	G1"	950x870x1230	390
NP22V-D	1.0~3.6@0.8		22	G1"	1410x850x1135	590
NP37V-D	1.8~6.2@0.8	Direct Driven	37	G1-1/2"	1530x930x1255	780
NP55V-D	3.0~10.0@0.8		55	G1-1/2"	1800x1125x1350	1250
NP75V-D	3.9~13.0@0.8		75	G2"	2000x1200x1500	1550
NP90V-D	5.1~17@0.8		90	DN50	2320x1520x1760	1600

- According to the standard of GB19153-2009
- Standard Power Supply: 380V/50Hz/3Ph
- Please contact us for any specification that is not within the above mentioned standard.
- Compressor Stage: One Stage Compression
- Exhaust Temperature: Ambient Temperature + 15 °C



WE CONCENTRATE ON QUALITY & SERVICE!

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Screw Compressors**

