



Model Number: 45710

NorthStar 75710, Electric Air Compressor, 4.7 HP, 60-Gallon Vertical Tank, Freight Included, 14 CFM

Manufacturer: NorthStar

NorthStar Electric Air Compressor 4.7 HP, 60-Gallon Vertical Tank FREE Shipping (lower 48 states)  
Product Summary

NorthStar® heavy-duty 3.7 HP, 60-gallon electric commercial air compressor is built with a cast iron belt-driven oil-lubricated 3-cylinder single-stage pump to run quietly, prevent heat transfer between cylinders and deliver long pump life. Copper finned inter- and after-coolers provide good heat dissipation and less moisture. Ball bearings on each side of crankshaft for smooth running and durability, providing 20,000-hour bearing life. Powered by a 5 HP, 230V electric motor. High-quality compressor also features a paper element filter, heat-resistant alloy steel reed valves, cast iron crankshaft, metal belt guard, oil sight gauge and ASME-certified 60-gallon vertical tank.

#### What's Included

(1) 4.7 HP, 60-gallon vertical electric air compressor

#### Product Manual

#### Superior Design for Industry-Leading Pumps

Engineered for Durability Designed with superior technology to keep you working without interruption

Durable cast iron oil-lubricated pump for long service life and 3-cylinder design for low heat transfer between cylinders

Ball bearings are placed on both ends of the pump's crankshaft for smooth running, superior support and up to 20,000 hours of bearing life

Copper finned aftercoolers provide good heat dissipation and less moisture

#### Longer Pump Life

Engineered with a 3-cylinder single-stage pump that eliminates hotspots and provides consistent cooling for longer pump life

Reed valves are made of heat-resistant alloy steel supplied from Sweden ASSAB

Pump is made of cast iron for exceptional durability

#### ASME-Certified Vertical Tanks

## Built for the Long Haul

The air receiver tank is made of high-quality welded steel to provide many years of reliable service

Tank has a weather-resistant powder-coat finish to withstand harsh conditions in any season

## Dependable High-Quality Valves

The ASME-certified 60-gallon tank is fitted with top-quality valves for long service life and maximum efficiency

Gate valve allows for downstream air to be shut off

## The NorthStar Advantage

## Best Warranty in the Industry

We stand behind our NorthStar compressor with a 4-year consumer/2-year commercial limited warranty

## Guaranteed Satisfaction

Shop in complete confidence, knowing Northern Tool + Equipment protects your investment and is ready to provide you with the assistance and helpful resources you need

## Superior Service and Support

Should you ever need service or support, NorthStar's field-trained technical staff is a phone call or e-mail away

Our professional in-store service department performs all repairs on site

4.7 HP, 230V single-phase 3450 RPM electric motor

Delivers 11.5 CFM @ 90 PSI; 13.4 CFM @ 40 PSI

Cast iron oil-lubricated 3-cylinder single-stage pump

Copper-finned inter- and after-coolers for heat dissipation and less moisture

Pump runs at 1180 RPM

ASME-certified 60-gallon vertical tank has gate valve to allow downstream air to be shut off

Ball bearings on each side of crankshaft for smooth running and durability

Heavy-duty paper element filter keeps cylinder heads clean

Reed valves are made of heat-resistant alloy steel from ASSAB, specifically

designed for maximum efficiency  
20,000-hour bearing life  
Double-ringed piston for low oil consumption and longer head life  
Durable alloy rods  
Spheroidal graphite cast iron crankshafts for maximum strength  
Durable metal belt guard won't break  
Oil sight gauge for easy visual oil checks  
1/2in. air outlet  
135 max. PSI  
1/4in. ball valve drain with 3in. lever can be piped to sewers  
Ball valve connects to bottom of tank with extension hose for easy access  
1/4in. ball valve drain with 3in. lever can be piped to sewers  
Remote style ball valve drain connects to bottom of tank with extension hose for  
easy access  
Owners Manual

#### NOTES:

Unit does not include a power cord or a male plug.  
30 amp 240 volt service required  
Ships on a pallet / skid  
Liftgate service required if forklift is not on site and liftgate service is not included with  
free shipping  
Oil is not included

#### Optional

Ingersoll Rand 1592005 T-30 Weight Select Compressor Synthetic Oil 1 Liter  
Bottle

#### Key Specs

Motor Phase(s)  
Single

Oil Required  
Yes

HP

4.7

Amps  
21

Volts  
230

Motor RPM  
3,450

Pump Life (hrs.)  
20,000

Pump Material  
Cast iron

Noise Level (dB)  
83 at full load, 78 at no load

Dimensions L x W x H (in.)  
22 x 31 x 68

Item#  
75710

Manufacturer's Warranty  
4 Yr Consumer/2 Yr Commercial

Ship Weight  
330.0 lbs

Max. PSI  
135

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Air Tank Size (gal.)  
60

CFM at 90 PSI  
14

CFM at 40 PSI  
16.1

Air Outlet Size (in.)  
1/2

Duty Cycle  
60%

Stage  
Single

Sales tax collected in Alabama  
Florida  
Georgia  
Iowa  
Kansas  
Louisiana  
Minnesota  
Mississippi  
Missouri  
Nebraska

Optional

Clean Storm 20230809 Air Duct Cleaners Basic 60 Gallon Air Compressor

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Starter Bundle 13.1 CFM Dual 120 Volts 16 Amps  
No gasoline needed.

Availability: This product was added to our catalog on Monday 27 September, 2021