



Model Number: 122176-18

Ametek Lamb 122176-18, Vacuum Motor Blower, 8.4 Inches, 120 volts, Tangential, 2 Stage, 1 Speed AV20

Manufacturer: Ametek-Lamb

Ametek 122176-18 8.4" vacuum motor AV20

This is a drop in replacement for the old 116103 7.2" model with the same exact mounting but will have a way more increased performance for the same amps.

147" water lift

13.4 Amp 120 Volts

Longer bearing and carbon brush life.

This motor is becoming recognized as 43 % better performance replacement for the old 116103-00 7.2" vac motors.

Currently, they are being used in

Nautilus Carpet Extractors. with (2) 8.4" motors.

They spec. it in at 235" lift in air series (147"/motor) X 177 cfm = 41,595 (26 amp vacuum system)

or 284 CFM in air parallel X 147" lift = 41,748 vacuum units (26 amp vacuum system) (142 CFM/motor).

[Replaces 121113-13, It is described as a 7.2" 2 stage brushless

motor. This 122176-18 8.4" 2 stage as it fits in the

same bolt pattern as the 7.2" and it last for more than 2200 hrs. in use.

Also performance is higher on both lift and CFM would better with less amp draw. Plus it will save them nearly half of the 7.2" cost.]

#### Product Description :

Vacuum Motor/Blower,Bypass,Tangential Discharge,Blower Stages 2,Number of Speeds 1,Open Enclosure,142.0 CFM @ 2-In. Orifice,Vacuum (H2O Sealed) 150.0,Voltage 120,60 Hz,1 Phase,Max. Amps 13.8,Max. Air Watts 700,Tab Mounting,Thermal Protection Manual,Insulation Class A,Ball Bearings,Ambient Temperature 40 Degrees C,Body Dia. 8.4 In.,Overall Height 7 In.,Mounting Brackets Aluminum,Intermittent Duty,Average Life 1500 hr.,Nominal Efficiency 45 Percent Standards : UL Recognized E47185

Commonly used to repair and fix Jaguar 8.4, Ninja Classic, and Nautilus Extreme machines.

Compare to current or past OEM associations:

Esteam Part number 355-150

AV20

122176-18

Optional

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

Esteam NJA500 MO Ninja Classic 11gal 500psi Single 8.4 Two Stage Carpet  
Extractor machine Only

Nautilus Extreme MXE500APF 12gal 500psi Dual 8.4 Vacuums Starter  
Package Bundle Carpet Cleaning Machine MXE-500APF 1667-4564

Gasket Vacuum Motors fits 5.7in Vacuum Motors 1/4" Thick PP43-807110  
Mytee G004A PX13

<https://www.amazon.com/Ametek-Lamb-8-4Inch-Stage-Vacuum/dp/B00JZF8QHA>  
\$151.41 less 5% = \$143.84

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Availability: This product was added to our catalog on Saturday 15 March, 2014