Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed



Model Number: C348

Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

Manufacturer: Ametek-Lamb

Mytee C348 Ametek 6.6" vacuum motor with 2" inlet tube / cone LX 122628-00 14 amp

Mytee states: 147" water lift
Ametek states: 114.9" Water Lift

Mytee 15 Amps open flow
Steambrite testing 15.5 amp open flow.
Ametek tested at 17.5 amps open flow (zero inches of lift)
120 Volts
Mytee and Ametek state up to 171.6 CFM @ Zero Inches of lift.
17.5 Amps (one motor)

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
Mytee LX Carpet Extractors. with (2) 6.6" motors.

More water lift at the carpet. Mytee’s new Hybrid LX Vacuum Motor outperforms where it matters most.
Water lift is measured with a gauge with the airline sealed. But sealed air doesn’t clean- most vacuums are designed to work at a 3/4” to 7/8” orifice. That is approximately the opening of a wand slot. We want to measure than the water lift at the carpet, not at the machine. To accomplish this, Mytee put a vacuum gauge on the wand head to measure the water lift at the carpet. Mytee’s revolutionary new hybrid vacuum motor has an increase of almost 30% at an unbelievable lift at the carpet of 113”. While base specifications may seem lower, the in-use specifications are in reality much higher than those of comparable motors. This high efficiency is due to the unique winding of the motor and special fan configuration.
Specifications on single vacuum motor:

171.6 CFM at 2″ orifice
Mytee states 113″ water lift when sealed to the carpet

Steambrite Supply

Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

Ametek states 106" water lift when sealed to the carpet.
15 amp draw open flow / 9.3 sealed / Average 12.4 amps with 100 ft of hose and wand on the wet carpet.
6.6 diameter

Specifications for two motors in air series:

225 CFM (SteamBrite test 214.5 CFM)
204″ base water lift (15Hg) @ zero CFM
Vacuum unit: Max CFM @ zero inches of lift (214.5 CFM) X Max inches of lift 104" @ zero cfm = 22,308 Vacuum units
113″ water lift at the carpet – 20% stronger than any other vacuum motor in its class (because it is using 20% more electricity)

15 amp draw per cord

Sales are final on all electrical components, including but not limited to, vacuum motors, pumps, and heaters.
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

Compare to current or past OEM associations:
Esteam Part number 355-150
AV20

Sales tax collected in CA and Tx, and FL
Factory Product Bulletin for no inlet tube

Optional

Add Vacuum Motor Lint Screen Filtration and Gasket to any vacuum motor

Steambrite Supply

Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

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

Mytee LX 6.6 Vacuum Performance Testing

Testing Company Name
Max Inches of Lift @ Zero CFM / RPM / Amps
Max CFM @ Zero inches of Lift / RPM / Amps
Vacuum Units
Max Inches of Lift X Max CFM

Mytee
NA / 173 CFM / ?
173 CFM / ?? RPM / 15 Amps
NA

Ametek
114.9" / 34,570 RPM / 10 amp
171.6 CFM / 26,407 RPM / 17.5 amps
19,717

Steambrite (900 ft above sea level)
131.8" / ? RPM ? / 9.3 amp
152.7 CFM / ?? RPM / 15.5 amps (see video)

Steambrite Supply

Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

20,125

2 Vac Motors in Air Series

Mytee
182"
225 CFM
40,950

Ametek
195.33"
214.5 CFM
41,898

SteamBrite
204" (15 HG)
214.5 CFM
43,758

3 motors in Air Series

Steambrite Supply

Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

Mytee
238" (17.5 HG)
350 CFM
83,300

SteamBrite
238" (17.5 HG)
242 CFM
57,594

.
The average vacuum motor increase of inches of lift is 70% of the motor in front of it with most models of vacuum motors
Example a 100" lift single vacuum motor in 2 motor series can product 170" of lift.
A 3rd motor is now going to be 70% of the 2 motor, or 49% of its self added to the performance of 2 motors.
170" lift (2 motors) + 49" (for 3rd motor) = 219" Total
CFM can product a 25% increase of the vacuum motor in front of it.
Example a 100 CFM Single motor now with 2 in series can now be 125 CFM total.
Adding a 3rd motor is 25% of the 25% of the 2nd motor or 6.25% increase of Max CFM.
Mytee added a 3rd 6.6 vacuum motor in series the Plus line up would be 242 CFM and not 350 CFM with 238" of lift = 57,594 vacuum units
If Mytee added a 3rd vacuum motor in parallel then you could add the 152 cfm on top of the 214.5 cfm = 350 CFM (Mytee published) with 204" of lift = 71,400 Vacuum units
Of of 2021 Mytee has not published how the 3rd vacuum motor is installed in the Escape Plus (3 motor design).

Steambrite Supply

Parts & Accessories > Vacuum Motors > Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

Mytee C348, Ametek Lamb Vacuum Motor, LX Blower, 6.6 Inches, W/ 2in inlet tube CONE, 120 volts Tangential, 1 Stage 1 Speed

Average amp draw with 150 ft of vacuum hose and a wand on the carpet would be a 12.4 amps X 3 motors = 37.2 amps @120 volts.
A 57,594 vacuum units would be normal for this amount of electricity.
Compare to the Goliath Quad 6.6 340 CFM X 215" of Lift = 73,100 vacuum units with an average amp draw 44.4 amps.
Here is more information: The factory states the max cfm is 171.6 CFM for one motor. Mytee states 2 motors in series is 225 CFM or 53.4 cfm increase from 1 motor to 2 motors. In algebra this is 53.4 X 100 = 53400 = 171.6X
X = % of improvement from 1 motor to 2 motors = 31.12% increase in CFM from 1 motor to 2 motors. While the normal increase is 25% and Mytee states they are getting 31.12 % this might be possible as single stage vacuum motor push more cfm that 2 and 3 stage vacuum motors.
This mean assuming Mytee's math is correct on increase of performance, 31.12% cfm increase the motor in front of the 3rd vacuum motor is .3112 X 53.4 cfm = increase of cfm from 2 to 3 motors OR 16.62 cfm. Mytee escape plus triple 6.6 motor should be 225 cfm for 2 motor + 16.62 cfm for the 3rd series motors OR 242 CFM or 57,595 vacuum units.
2024-02-05 google states body of webpage is too long -->

Availability: This product was added to our catalog on Friday 01 December, 2017

Steambrite Supply