Aquatec 58ELK120, Water Pump, 120 psi 115v 1.3 gpm, Mytee C305 58-ELK-120 - AP120 - 58-FLC-120 G13761 TMI 866-520-2141



Model Number: 58ELK120

Aquatec 58ELK120, Water Pump, 120 psi 115v 1.3 gpm, Mytee C305 58-ELK-120 - AP120 - 58-FLC-120 G13761 TMI 866-520-2141

Manufacturer: Aquatec

Aquatec 58-ELK-120 Water Pump – 120 PSI, 115 Volt, 1.3 GPM
Professional replacement demand pump for portable carpet extractors, auto-detailing machines, upholstery cleaning equipment and other low-flow water-delivery applications. Commonly cross-referenced to Mytee C305, EDIC G13761, AP120 and 58-FLC-120.
Important Before Ordering
Confirm that your existing pump is rated for 115 volts AC, uses 3/8-inch female pipe-thread ports, and is designed for approximately 100 to 120 PSI. Compare the voltage, port orientation, mounting dimensions, wiring and chemical compatibility with your original pump.
Product Overview

The Aquatec 58-ELK-120 is a compact, three-chamber diaphragm pump designed to provide water pressure on demand. When the cleaning tool is opened, system pressure drops and the pump turns on. When the tool is released and pressure reaches the switch setting, the pump automatically turns off.
Its internal bypass design helps manage low-flow applications such as upholstery tools and small spray tips. The totally enclosed motor also helps protect internal components from the moisture and dust commonly found inside portable carpet-cleaning equipment.
Key Features

- 120 PSI maximum pressure rating
- 115-volt AC motor for standard commercial extractor applications
- Approximately 1.3 GPM open-flow capacity
- Three-chamber diaphragm pump design
- Automatic demand pressure switch
- Internal bypass helps reduce rapid cycling during low-flow operation
- Self-priming design when properly installed and supplied with water
- Can tolerate brief dry operation, but should not be intentionally operated dry for extended periods
- Totally enclosed, non-ventilated permanent-magnet motor
- Compact replacement for many Shurflo, Flojet, Mytee and extractor-style pumps
- Made for professional carpet-cleaning and water-transfer equipment

Specifications

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Manufacturer
Aquatec

Primary Part Number
58-ELK-120 / 58ELK120

Pump Type
Demand-style, three-chamber diaphragm pump

Voltage
115 VAC, 60 Hz

Maximum Pressure
120 PSI

Open Flow
Approximately 1.3 to 1.35 GPM

Ports
3/8-inch female pipe thread inlet and outlet

Motor
Permanent magnet, totally enclosed, non-ventilated

Operating Style
Pressure-switched with internal bypass

Typical Duty
Intermittent commercial operation

Maximum Liquid Temperature
Up to approximately 170°F, subject to the exact pump configuration and

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label

What You Receive

- One Aquatec 58-ELK-120 complete pump and motor assembly
- Factory-installed demand switch and internal bypass assembly

Not included unless specifically shown: plumbing fittings, hoses, quick disconnects, mounting hardware, electrical connectors, power cord or installation labor. Transfer reusable fittings from the original pump only when they are clean, undamaged and compatible.
Common Part-Number Cross References

- Aquatec 58-ELK-120
- Aquatec 58ELK120
- Aquatec 58-FLC-120
- Aquatec 58-MGD-120
- Mytee C305
- Mytee MYC305
- Mytee 58-MTY-C305
- EDIC G13761
- AP120
- Timbuktoo Manufacturing part number: TMI 8665202141
- A120-115
- CAP120
- Powr-Flite AQ120
- Legend Brands 111500
- Esteam 511-100
- KleenRite SL-22.36
- Mosquito 500-0006
- Pullman-Holt Boss B003120
- Ninja 8.620-105.0

Cross-reference notice: A matching reference number does not guarantee that every fitting, connector, mounting bracket or port direction will be identical. Manufacturers can change components during a machine’s production life. Always compare the pump being removed with the photos and specifications before ordering.
Common Machine Applications
Depending on the machine’s production date and original configuration, this

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pump may be used in or adapted to selected equipment from Mytee, EDIC, Powr-Flite, Windsor, Tennant, Nobles, Clarke, Alto, Castex, Esteam, Ninja, Sandia and other portable-extractor manufacturers.
Common Mytee applications include selected versions of:

- Mytee 8070 Lite
- Mytee HP60 Spyder
- Mytee HP120 Grand Prix
- Mytee 2002CS Contractor’s Special
- Mytee automotive detailing extractors using the C305 pump

Machine compatibility is dependent upon the original voltage, pressure, plumbing, switch type, port arrangement and mounting space. Order by specifications and part number rather than by machine name alone.
Installation Notes

- Disconnect the machine from electrical power before opening or servicing it.
- Drain or empty the solution tank.
- Photograph the original plumbing, wiring and pump orientation before disassembly.
- Mark the inlet, outlet and electrical wires before removing the old pump.
- Install the replacement with the flow arrow pointing in the correct direction.
- Use thread sealant that is compatible with the pumped solution.
- Do not overtighten fittings into the plastic pump head.
- Confirm that hoses are not kinked and that the inlet filter is clean.
- Fill the solution tank with clean water and prime the pump before checking operating pressure.
- Inspect every connection for leaks before returning the machine to service.

Electrical Safety: Installation and testing should be performed by a qualified service technician. Disconnect the machine from the wall outlet before servicing. Do not rely only on the machine’s switches to remove electrical power.
New Pump Runs but Does Not Move Water?
A replacement pump may run normally but fail to move water until trapped air is removed from the inlet line and pump head. This is commonly mistaken for a defective pump.
Basic priming procedure

- Place clean water in the machine’s solution tank.
- Confirm that the tank outlet, inlet hose and filter are unobstructed.
- Open the cleaning tool or remove the restriction from the pump outlet.
- Turn on the pump and allow water time to reach the pump head.
- If necessary, apply gentle suction at the solution outlet to pull water through the inlet hose and pump.

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• Once solid water flow is established, reconnect the tool and test the system.

Never operate the pump for an extended period without water. Also check for a closed valve, clogged inlet screen, reversed plumbing, air leak on the suction side or a stuck downstream check valve.
Pump Pulses On and Off While Spraying
Pulsation does not automatically mean the pump is defective. A demand pump can build pressure faster than a very small spray tip releases water. The pressure switch then turns the pump off; continued spraying lowers the pressure and turns it back on.
Before replacing the pump, inspect the following:

• Spray tip or jet is too small
• Jet is partially clogged
• Solution filter is restricted
• Hose is kinked or internally damaged
• Tool valve is not opening completely
• Pressure-switch adjustment does not match the application
• Internal bypass requires adjustment or service

Pressure-switch adjustments should be made in very small increments by a qualified technician. Excessive adjustment can cause leaks, motor overheating, damaged hoses or excessive system pressure.
Chemical and Freeze-Damage Warning
This pump is intended primarily for water and properly diluted carpet-cleaning solutions. Strong solvents, concentrated degreasers, acids, caustics, incompatible oxidizers and other aggressive chemicals can damage the diaphragm, valves, seals and pump housing.

• Never allow cleaning chemical to remain inside the pump during storage.
• Flush the pump and solution system with clean water after chemical use.
• Protect the machine from freezing.
• Freeze damage, chemical damage and installation damage are not manufacturing defects.

Frequently Asked Questions
Is this an OEM Mytee C305 pump?
This Aquatec pump is commonly cross-referenced and used as the pump assembly associated with Mytee part number C305. Confirm the voltage, pressure, ports and physical configuration of your original pump before ordering.
Can it replace a 100 PSI pump?
It may replace many 100 PSI extractor pumps when the voltage, port size, flow requirements, mounting space and downstream components are compatible. The machine’s hoses, heater, pressure-relief valve and fittings must be rated for

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the replacement pressure.
Can I install it in place of a 12-volt pump?
No. This listing is for a 115-volt AC pump. Never connect it to a 12-volt DC system.
Does the pump include plumbing fittings?
No fittings are included unless specifically pictured or stated in the “What You Receive” section. Existing fittings are commonly transferred from the original pump.
Why does the pump run without spraying water?
The most common causes are loss of prime, an empty tank, a blocked inlet screen, an air leak, reversed plumbing, a clogged jet or a stuck downstream check valve.
Can electrical pumps be returned after installation?
Electrical components are generally not returnable after installation, wiring, exposure to water or operation. Verify compatibility before opening, modifying or installing the pump.
Warranty and Return Notice
Electrical parts should be inspected and compared with the original part before installation. Once a pump has been wired, installed, filled with liquid or operated, it is considered used. Manufacturing-defect claims are handled under the applicable manufacturer’s parts warranty.
Warranty coverage does not normally include labor, diagnostic time, removal, installation, shipping, freeze damage, chemical damage, clogged plumbing, improper voltage, incorrect wiring, pressure-switch misadjustment or damage caused by incompatible fittings.
Specifications, colors, labels and component appearance are subject to change without notice. Product photos are representative. Orders are fulfilled according to the manufacturer and part number stated in the listing. Always verify application compatibility before installation.

Aquatec Pump 58ELK120 5800 Series 120 psi Switched with internal bypass diaphragm Water Pump 115v 1.3 gpm Mytee C305, Mosquito 500-0006
Description
This pump has three internal independent bypasses that regulate the flow when used to work upholstery tools or other small nozzle tip tools. It also provides a pressure switch that has the pump work when it needs to, giving the pump a longer life. The pumps are adjusted to go as low as .02 tip. Used in the carpet cleaning industry as a drop in replacement. No additional fitting or wiring needed. The Aquatec 170 psi pump is the same identical dimension as the 120 & 220 psi units.
Features

- The only sealed motor on the market, to prevent moisture and dust intrusion
- All of our models incorporate the combination dem and switch and internal bypass, to ensure there is no cycling with #2 tips or larger

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- These high efficiency motors are made in California with the longest life brushes and front/rear bearings available for reliable performance.
- They have all agency approvals, UR, CE, and RoHS.
- Drop in replacement for other brands of 100 to 150 psi Shurflo and Flojet pumps.

Specifications
3/8" inlet & outlet ports
Santoprene diaphragm, viton seals
1.35 GPM open flow
1.3 amps @ 120 psi max
Self priming
Capable of being run dry
Max liquid temp = 170 deg F
Permanent magnet motor
Available in 12 volt and 240 volt version

Links and Literature

- Compare beside an existing 8030-863-239, the 150 psi Shurflo Pump with Viton!
- Upgrade brochure
- Brochure
- Factory Brochure
- AQUATEC 58-ELK-XXX SERIES REPLACEMENT KIT PDF
- Aquatec Full Line Pumps PDF
- Upgrade Aquatec PDF
- Factory Owners Manual

Replacement pump for:

OEM

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Alto / Clarke 53869A

Gofer GPMPSF001

Gofer GPMPSF004

Gofer GPMPSF005

M104

M-104

Minuteman 833067

Nobles / Tennant 180103

OEM

Nobles / Tennant 1009625

Powr-Flite SF814

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Aquatec 58ELK120, Water Pump, 120 psi 115v 1.3 gpm, Mytee C305 58-ELK-120 - AP120 - 58-FLC-120 G13761 TMI 866-520-2141

Shurflo 8000713238

Shurflo 8000723138

Shurflo 8000723238

Shurflo 8000-723-138

Shurflo 8000-723-238

Shurflo 8000912288

OEM

Shurflo 8000-912-288

Shurflo 8000812288

Shurflo 8000-812-288

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Aquatec 58ELK120, Water Pump, 120 psi 115v 1.3 gpm, Mytee C305 58-ELK-120 - AP120 - 58-FLC-120 G13761 TMI 866-520-2141

5883-7101-B584

Windsor 86026390

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Powr-flite AQ120, 120 P.S.I. Pump for: PE060-G15-U, PFX1080, PFX1080CW, PFX1080E, PFX1380, PFX1380E, PFX900S

Application

Castex Hawk 800

Castex Power Eagle 1000

Castex Power Eagle 1016

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Castex Power Eagle 700

Castex Power Eagle 716

Castex Power Eagle 800

Nobles Challenger

Nobles Falcon 1500

Nobles Falcon 2800

Nobles Falcon 2800 Plus

Nobles Frontier

Application

Nobles Power Eagle 1016

Nobles Power Eagle 1016 Plus

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Aquatec 58ELK120, Water Pump, 120 psi 115v 1.3 gpm, Mytee C305 58-ELK-120 - AP120 - 58-FLC-120 G13761 TMI 866-520-2141

Nobles Power Eagle 1020

Nobles Power Eagle 1020 Plus

Nobles Power Eagle 2000

Nobles Trooper 1000

Nobles Trooper 1500

Nobles Trooper 1500H

Tennant 1100

Tennant 1120

Tennant 1140

Application

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Tennant 1220

Tennant 1230

Tennant 1240

Tennant 1260

Tennant 1280

Tennant 1520

Tennant 1530

Windsor Admiral Carpet Extractor

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Cross Reference Skus
EDIC G13761

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115V-MYC305
12635,
Mytee C305
CAP120
AP120
A120-115
Esteam 511-100
Kleenrite SL-22.36
58-ELK-120
58-MGD-120
58MGD120
MYC305
MultiSprayer #58-FLC-120
TMI 866-520-2141
58-MTY-C305
Pullman Holt Boss B003120
aquatech-pumps-120-v120
1602-2713
Mosquito 500-0006
AQFLC120
8000-812-288
304156727905
Legend Brands 111500
Ninja 8.620-105.0
Powr-Flite AQ120
58ELK120R
Optional

Factory Installed above pump in:
Mytee HP120 Grand Prix Auto Detail Carpet Extractor 120psi 3stg vac Heater hose wand FREE Shipping 3 Yr Warranty (Formerly HP100)

Factory Installed above pump in
Mytee 20-110 Automotive Auto Detail Prep Center 120 psi HEATED Open Spray Hand Tool FREE Shipping + 2 Extra Years Warranty

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Mytee 8070 Lite III HEATED Auto Detail Upholstery Carpet Cleaning Extractor 120psi 3gal 3stg Vac hose Wand FREE Shipping + 2 Extra Yr Warranty
Includes factory installed Aquatec 120 psi pump.

https://store.carpetcleanerdirect.com/aquatech-pumps-120-v120.html $119.00
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Availability: This product was added to our catalog on Sunday 25 April, 2010

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