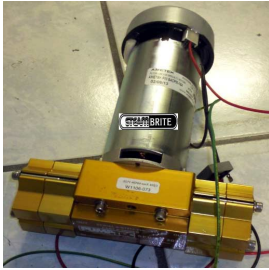


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Model Number: 81662

PumpteC 81662 Series 207V-085/M9253F 120v 4 1/4in Ports Gold Black 500Psi Nilfisk 56113074 56113117 (Replaced by 81401)

Manufacturer: PumpteC

PumpteC 81662 207V-085/M9253F 120 Volt Pump & Motor Assembly Replaced by PumpteC 81401 / 217V-085/M9253F. The original PumpteC 81662 / 207V-085 pump assembly has been discontinued and superseded by the updated PumpteC 81401 version. Other sellers also identify 81401 as the updated replacement for the discontinued 207V-085/M9253F 120V assembly. Please verify port size, mounting, voltage, and plumbing direction before ordering.

Common OEM Cross References

- PumpteC 81662
- PumpteC 207V-085/M9253F
- PumpteC 81401 replacement
- Nilfisk / Advance 56113074
- Nilfisk / Advance 56113117
- US Products PEX 500 pump assembly
- HydraMaster / Nilfisk / Advance extractor applications

Key Features

- 120 volt pump and motor assembly
- 500 PSI carpet extractor spray pump performance range
- 0.085 cam
- Buna seals / O-rings
- Stainless steel plunger and stainless steel valves
- Four 1/4 in. female NPT ports: two inlet and two discharge
- Anodized aluminum pump body
- Designed for commercial carpet extractor and portable cleaning machine service

Important Installation Notes

- This pump may be installed upside down in some Nilfisk / Advance machines.
- Check your original inlet and outlet orientation before installation.
- If plumbing does not line up, the pump head may need to be unbolted, rotated 180 degrees, and reinstalled on the motor.
- Pump head color may ship as gold, black, or blue depending on factory supply. Color does not change performance.
- Some machines use 1/4 in. pipe connections; others may require optional 1/4 in. MIP to 3/8 in. FIP adapters.

Specifications

Part Number

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81662, replaced by 81401

Pump Series
207V-085 / M9253F

Voltage
120 VAC, 50/60 Hz

Rated Cleaning Pressure
500 PSI class

Max Pressure
800 PSI

Open Flow
Approx. 1.47 GPM

Spray Flow
Approx. 0.72 GPM with recommended nozzle setup

Recommended Nozzle
02 total flow, or dual 01 nozzles

Amps
Approx. 2.8 to 3 amps

Ports
Two 1/4 in. FPT inlet ports and two 1/4 in. FPT discharge ports

Max Fluid Inlet Temperature
140°F

Weight
Approx. 20-22 lbs.

Bridge Rectifier Notice

A bridge rectifier may be required for normal operation and is not always included by

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the factory. If your original machine uses a rectifier, transfer the original part or add a replacement rectifier to your order.

Why Buy From Steam-Brite?

- Clear cross-reference help for Nilfisk, Advance, US Products, HydraMaster, and other extractor brands
- Optional adapters and repair kits available on the same order
- Helps convert worn or discontinued 204V / 205V / 207V assemblies to current replacement options
- Commercial cleaning equipment support since 1984

FAQ

Is Pumptec 81662 still made?

The 81662 / 207V-085/M9253F assembly has been replaced by Pumptec 81401 / 217V-085/M9253F according to current replacement listings.

Will this fit my Nilfisk or Advance machine?

It is commonly associated with Nilfisk / Advance part numbers 56113074 and 56113117, but always compare your original pump's voltage, mounting, port size, and plumbing direction before ordering.

What if my machine uses 3/8 in. plumbing?

This version uses 1/4 in. FPT ports. If your machine uses 3/8 in. pipe, add the proper 1/4 in. MIP to 3/8 in. FIP brass adapters.

Can I choose the pump head color?

No. Pumptec pump heads may ship gold, black, or blue depending on factory inventory. The color is cosmetic only.

Pumptec 81662 Series 207V-085/M9253F 120v BUNA M-VALVE 4 - 1/4in Ports Gold or Black 500 psi (REPLACED by 81401)

Nilfisk Hydramaster Advanced US Products Pex Pump 56113117

ORDERS WILL NOW BE FILLED WITH ITEM

Pumptec 81401 217V Pump Motor Assembly 120V | Replaces PowrFlite X1981 Kaivac 81275 81662 GTIN 10679065071217
SAME 1/4" CONNECTIONS, SAME PERFORMANCE.

OLDER PHOTOS BELOW (REPLACEMENT PUMP WILL NOT LOOK LIKE THESE)

Specification

- Series 207V - 085 Cam /M9253F Motor Pump Assembly
- 120 Volt
- 500 PSI

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- Recommended '02 Nozzle (dual 01 nozzles, not included)
- .72 GPM Spray
- 2.8 AMPS Spray
- 22 lbs
- Pump is 9" W X 11" L X 5" H
- Pump head Can ship in black, blue, or gold color (all the same thing, customer is not allowed to pick the color)
 - Pump usually installed upside down in a Nilfisk machine. Please check your water in and out connections (this means you might have to unbolt the head from the motor, flip the pump head 180 degree, then bolt back onto the motor!)

Part Number
81662

Max Pressure (psi)
800

Open Flow (gpm)
1.47

Seals
V-Ring

O-rings
Buna

Plunger
Stainless Steel

Inlet Ports
(2) - 1/4" NPT (F)

Discharge Ports
(2) - 1/4" NPT (F)

Max Fluid Temp. (°,%)

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140

Voltage
120 VAC

Hz
50/60

Max Amps
3

Weight
20.0

Body
Anodized Aluminum

Valves
Stainless Steel

Color
Gold

Fasteners
Stainless Steel

Cam
0.085

Required for Normal Operation !!
Factory DOES NOT INCLUDE THIS IMPORTANT REQUIREMENT

PLEASE ADD TO YOUR ORDER!

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Bridge Rectifier for Edic, PumpTec, Burnishers, & More

Pump Assembly includes one each of the items below

Factory Installed Pumptec: M9253F Motor Only Replaces the Old M53

Factory Installed Pumptec: Repair Kit "C" Cam Bearing for 400-500 Psi Models 204V, 205V, 207V, 217V .085 Stroke Replaces 0100-6005-0085

Factory Installed Pumptec: 207V Pump Head Only with special 1/4" fitting instead of the normal 3/8" fittings

Factor Included Pumptec Kit, Base Mounting Plate / Bracket For M20/M53/M54 Motors
(Included but not installed)

Compare to and replaces Current or past OEM Associations:

Ninja 8.620-105.0

Windsor 250-74

86201050

4039784269613

Kleenrite SL-22.5

EDIC G13102

Replaces 204-pump-h2041

Powrflite PT400MS

207V-085/M9253F

222380221642

Replaces W1106-073

Replaces 80604 207v - 095 / M53

323938352227

PUMP81275

Pumptec 80685 207V - 125 / M53

Pumptec 80679 204V-125/M53

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Pumptec 80678 204V-110/M53
Pumptec 80680 205V - 125/M53
Pumptec 80897 207V - 120/M53
7777687871263
17013512161
B4CPM-164
US Products, Hydramaster, Advance, Nilfisk 81595 **
Nilfisk Advance FP507
PT-81275
80547
CE-25074-EA
81275-1
81275
80022
205V
B09WZ35RTR
56113117
120V 500PSI pump 372-1267
56113074

Factory installed in US Products Pex 500, Nilfisk-Advance MC1200, ET700, Clark EX30

Brochure

Owners Manual for 205 and 207 series
Optional

Optional 3/8" Fip X 1/4" Mip Brass Bushing Adapter

**Does your original pump have or use 1/4" connections or 3/8" pipe connections?

If so you might want to purchase some of these bushing to convert 1/4" pipe to 3/8" pipe connections.

Please note a 1/4" pipe with a ruler is 1/2" across OD and 3/8" pipe is 5/8" OD.

On some Kaivac, US Products, Hydramaster, Advance, and Nilfisk machines have installed 1/4" connections and no bushing required. The Pumptec 204v series head installed originally is also 1/4" Most machines today use the 3/8" connection system (see optional pump below.)

Optional Pumptec: Series 205V 204v, 207v 500 PSI Upgrade Kit

You will need this kit to convert a lower pressure system 50 - 220 psi to a standard 500 psi carpet cleaning machine.

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Video On Link
Optional Pumptec: Repair Kit for 500-510 Models Brass Pressure Regulator
C-500/510-KIT_RR

Optional Pumptec 205V and 207V Triple Repair Pump Head Rebuild Kit
Required change every 500 hours by factory.

Read about major Pumptec changes on the 207v pumps [HERE](#)

Availability: This product was added to our catalog on Wednesday 27 April, 2022