



Appion[®]

BUILT FOR UNMATCHED SPEED AND RUGGED RELIABILITY

PRODUCT BROCHURE

EXCLUSIVELY AVAILABLE AT 



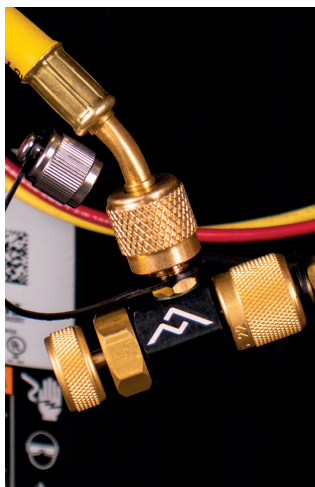
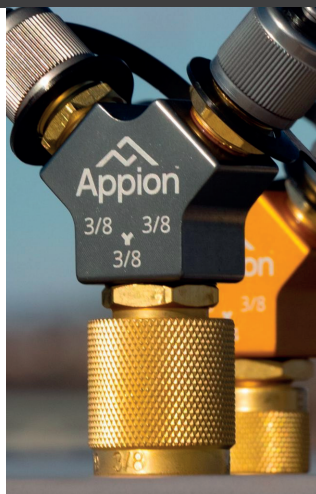
APPION TOOLS

For over 20 years, Appion has offered HVAC/R products designed for the best performance and ease of maintenance, specialising in providing solutions for leak detection, containment, and evacuation.

Customers of FSW can now choose from an extensive range of Appion tools and equipment synonymous with quality, innovation and performance. The range offers tools including vacuum pumps, refrigerant recovery machines, core removal tools and more.

Appion offers high-quality HVAC/R industry quality tools and equipment that are built for unmatched speed and rugged reliability.

FSW are thrilled to be the exclusive distribution partner for the Appion product range across Ireland and the UK





TEZ8 - 8CFM VACUUM PUMP

TWO STAGE VACUUM PUMP WITH 5-SECOND OIL CHANGE™

The TEZ8 was the first vacuum pump designed from the ground up with the needs of an AC/R technician in mind. From the high-flow, multi-port input tree to the 5-second oil change™, every aspect of the TEZ8 is designed for the fastest evacuation. With clean oil and full flow, the TEZ8 can save hours, save days and save money.



FEATURES AND BENEFITS

- Faster Evacuation - Field-proven to outperform larger, belt-driven pumps by hours or days
- 5-Second Oil Change™ - Change the oil on the fly without breaking the vacuum
- Clearly. Visible. Results. - TEZOM™ (Totally EZ Oil Management) cartridge makes it easy to monitor the condition of the oil, and on-the-fly oil changes remove moisture and dirt from the pump
- Debris catch tube protects the pump and automatically relieves positive pressure eliminating accidental oil showers
- Adjustable Multi-Port Input - 1/2", 1/4" and dual 3/8" inputs to allow for maximum input flow
- **Up to 32 times the flow of single input pumps**
- Two-Stage Exhaust System - No gas ballast needed
- Advanced "anti-suckback" eliminates check valves and other flow restrictions
- **All-metal pump construction with light weight, field-duty composite resin case for rugged durability and reduced weight**



Model	240V	110V
Appion TEZ8 - 8CFM Vacuum Pump 240V		
Appion TEZ8 - 8CFM Vacuum Pump 110V		



G5 TWIN CYLINDER RECOVERY MACHINE

ULTRA-FAST, HIGH VOLUME REFRIGERANT RECOVERY

At only 10.9kgs, the industry-leading G5Twin is the smallest and lightest recovery machine. Capable of handling the tough demands of industrial/commercial refrigerant recovery, no job is too big for this little beast. Designed for use with all common refrigerants including A2L refrigerants, the G5Twin pumps liquid and vapour without throttling. It features twin cylinders, twin condensers, a refrigerant-isolated crankcase and a turbine fan blasting over 700cfm of airflow for cool, durable, powerful operation. Not suitable for hydrocarbons.

LIGHTWEIGHT & TOUGH

TWIN CYLINDER 1/2HP MACHINE

ISOLATED CRANKCASE SO
NO NEED TO PURGE

WEIGHT: 24LBS

POWER: 240V/50HZ
OR 110V/50HZ OPTIONS



5-SECOND OIL CHANGE,
EASILY MONITOR OIL CONDITION

FEATURES AND BENEFITS

- Compact and lightweight - 1/2HP Machine, Weighs only 10.9kgs
- Twin Cylinders and Twin Condensers for ultra fast recovery
- Refrigerant-Isolated Crankcase - eliminating bearing contamination
- Up to 4X Faster Certified Recovery Rates compared to units in its class
- Automatic Liquid and Vapor Recovery - no throttling
- 7-inch 10-blade turbine fan @ 3000 rpm blasts over 700 cfm of cooling air over the twin heads and condensers
- Operates up to 10°C cooler for maximum reliability and speed even in high ambient conditions
- Ultra Fast Recovery Rates of 0.281 kgs/minute vapor and 4.7 kgs/minute of liquid (ARI 740-2016 Ratings R22)
- Not Suitable for Hydrocarbons



Model	240V	110V
Appion G5 Twin Cylinder Recovery Machine - 240V		
Appion G5 Twin Cylinder Recovery Machine - 110V		

MEGAFLOW 1/2IN HOSE 6 FT (3/8FL TO 1/4FL) BLACK



MEGAFLOW 1/2IN HIGH-SPEED EVACUATION HOSE

Even when restricted by 1/4" system ports, using a 1/2" hose greatly reduces resistance and increases potential flow. This is especially true during system evacuation. Just using one 1/2" hose with 1/4" fittings can result in one tenth the evacuation time compared to one 1/4" hose. Or look at it the other way: using a 1/4" hose can make an evacuation take up to 10 times longer than using 1/2" hoses.



FEATURES AND BENEFITS

- Vacuum-Rated to 20 microns
- Larger 1/2in Internal Diameter for superior performance
- Ultra-flexible for easy connections in tight spaces
- Won't permeate or collapse in a vacuum
- Full Flow - 16x more flow than a restrictive 1/4in charging hose
- 1/4in FL and 3/8in FL fittings make it easy to connect to the Appion Speed-Y, Appion Valve Core Removal Tools and most vacuum pumps
- 3200 psi burst and 640 psi working pressure

Model

MegaFlow 1/2in Hose - 6 ft (3/8FL to 1/4FL) Black



EVACUATION KIT WITH 1/4IN VALVE CORE TOOL



FAST EVACUATION MADE SIMPLE FOR 1/4IN SYSTEM FITTINGS

The MegaFlow Basics Kits help a technician remove restrictive valve cores and perform AC/R system evacuations up to 10x faster. With these high conductance speed AC/R evacuation essentials, your vacuum pump can finally reach it's true potential.



QP005 Kit includes:
1x 1/4" Core removal tool
1x 1/2" MegaFlow 6ft hose
(3/8FL to 1/4FL) Black

FEATURES AND BENEFITS

- Vacuum-Rated components to 20 microns
- Helps technicians perform AC/R system evacuations up to 10x faster
- Opens up over 90% of internal diameter of access port
- Allows up to 16x more flow than 1/4in hose
- Ultra-Flexible Large Diameter 1/2in Hoses - Get into tight spaces and significantly reduce evacuation times
- Vacuum-Rated hoses don't collapse or permeate

Model

MegaFlow Basics 1/2in Hose Evacuation Kit with 1/4in Valve Core Tool



EVACUATION KIT WITH 5/16IN VALVE CORE TOOL



FAST EVACUATION MADE SIMPLE FOR 5/16IN SYSTEM FITTINGS

The MegaFlow Basics Kits help a technician remove restrictive valve cores and perform AC/R system evacuations up to 10x faster. With these high conductance speed AC/R evacuation essentials, your vacuum pump can finally reach it's true potential.



QP006 Kit includes:
1x 5/16" Core removal tool
1x 1/2" MegaFlow 6ft hose
(3/8FL to 1/4FL) Black

FEATURES AND BENEFITS

- Vacuum-Rated components to 20 microns
- Helps technicians perform AC/R system evacuations up to 10x faster
- Opens up over 90% of internal diameter of access port
- Allows up to 16x more flow than 1/4in hose
- Ultra-Flexible Large Diameter 1/2in Hoses - Get into tight spaces and significantly reduce evacuation times
- Vacuum-Rated hoses don't collapse or permeate

Model

MegaFlow Basics 1/2" Hose Evacuation Kit with 5/16" Valve Core Tool





APPION MEGAFLOW SPEEDKIT-V

THE GREATER THE FLOW... THE FASTER IT WILL GO!

The MegaFlow SpeedKit-V makes it easy to hook-up multiple simultaneous connections. The kit contains (1) 3/8in FL and (1) 1/2in FL Speed-Y. Both Speed-Y's have (2) 3/8in MFL fittings and are Vacuum-Rated to 20 microns. Between both Speed-Y's, the SpeedKit-V will work on most Vacuum Pumps. The MegaFlow Speed-Y is Vacuum-Rated to 20 microns and designed for high pressure refrigerants, such as R410a. The MegaFlow Valve Core Removal Tools work with both Standard 1/4in Systems and Ductless 5/16in Systems. Always remove valve cores from the system for Full Flow and Fast Evacuation.

The MegaFlow SpeedKit-V features (2) 1/2in 6ft MegaFlow Vacuum-Rated Evacuation Hoses. The Vacuum-Rated hoses won't permeate or collapse in a deep vacuum. With a large interior diameter, these MegaFlow hoses have greater flow than standard 3/8in hoses.



FEATURES AND BENEFITS

- Maximise the Flow of ANY Vacuum Pump - Works on all vacuum pump with 3/8in MFL and 1/2in MFL fittings
- Up to 16x Greater Flow when compared to evacuation with a manifold
- Fast and Simple - Simple setup, Fast evacuation, Reduced job times
- Vacuum-Rated Components - Tools that do not leak in a deep vacuum
- Full Flow - No flow restrictions across the whole setup
- Ultra-Flexible Large Diameter Hoses - Get into tight spaces and significantly reduce evacuation times
- Tool bag Included - Quickly organize and efficiently carry tools

Model

MegaFlow SpeedKit-V





APPION MEGAFLOW SPEEDKIT-R

THE GREATER THE FLOW... THE FASTER IT WILL GO!

Speed-Y is designed to handle high-pressure refrigerants, such as R410a, without issue and has a large inner diameter to reduce turbulent refrigerant flow. The SpeedKit-R also contains (4) MegaFlow valve core removal tools; (2) in 1/4in and (2) in 5/16in to ensure connection with both conventional and R410a systems. These tools paired with the included MegaFlow 3/8in Hoses, allow you to recover liquid or vapour refrigerant and unlock the full potential of your refrigerant recovery machine.



SINGLE RECOVERY HOSE 4FT



FEATURES AND BENEFITS

- Fast and Simple - Reduced connections, Simple setup, Fast recovery, Reduced job times
- Works with ANY Recovery Machine - Make your existing recovery machine faster than ever
- Designed for High Pressure - Designed for high pressure refrigerants, such as R410A & R32
- Vacuum-Rated Components - Tools that do not leak in a deep vacuum
- Full Flow - No flow restrictions across the whole setup
- Tool bag Included - Quickly organize and efficiently carry tools

APPION MEGAFLOW SPEED-KIT-R CONTENTS - 1 X MegaFlow 3/8in Hose - 6ft (3/8in FL to 1/4in FL) Blue.
1 X MegaFlow 3/8in Hose - 6ft (3/8in FL to 1/4in FL) Red. 1 x MegaFlow 3/8in Hose - 4ft (1/4in FL to 1/4in FL) Yellow.
1 x MegaFlow 3/8in Hose - 1ft (1/4in FL to 1/4in FL - 45 degree) Blue. 2 x MegaFlow Valve Core Removal Tool - 1/4in.
2 x MegaFlow Valve Core Removal Tool - 5/16in. 1 x MegaFlow Speed-Y 1/4in. 1 x MegaFlow SpeedKit Carry Bag.

Model

MegaFlow SpeedKit-R



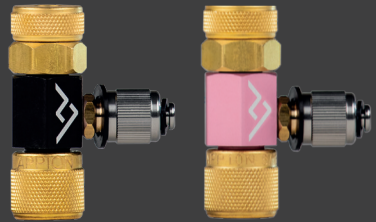
APPION CORE CONTROL TOOL



Gain maximum control when depressing a valve core. This low-loss fitting depresses valve cores with ultimate precision - perfect for accurately charging AC systems or servicing high-flow Schrader valves. Quickly connect a digital stub gauge for easy system diagnostics. The advanced back seat seal makes the core control tool perfect for gauge isolation, adding another layer of protection for your vacuum gauge.

FEATURES AND BENEFITS

- Vacuum-Rated to 20 microns
- Made from aircraft-grade aluminum for maximum durability
- Double O-Ring design makes for unmatched reliability in high-pressure and a deep vacuum
- 1/4in side port for gauge or hose connection
- Designed for high pressure refrigerants including R410a



Model

1/4in Core Control Tool

5/16in Core Control Tool

1/4

5/16



APPION MEGASEAL LOW-LOSS CHARGING T-FITTING

Use the MegaSeal Low-Loss Charging-T to help meter refrigerant during the charging process. The side port allows for easy connection of a Digital Pressure/Temperature Gauge to monitor system pressures during the whole process. Perfect for use with Smartprobes.

FEATURES AND BENEFITS

- Drastically Minimise Charge Loss -
Accurately charge AC/R systems without a manifold or unnecessary hoses
- Multifaceted Adapter for Easy System Diagnostics -
Quickly check system pressure during or after the charging process
- Perfect for adding refrigerant when using smartprobes.



Model

MegaSeal Low-Loss Charging T-Fitting 1/4in FL



APPION VALVE CORE REMOVAL TOOL



Valve cores effect refrigerant recovery and system evacuation times significantly. Always remove valve cores from the system for Full Flow.

Valve cores are designed to restrict flow and minimise refrigerant loss. Up to 90% of the access port can be restricted by a valve core. Removing them maximises flow and can save hours on any job.



FEATURES AND BENEFITS

- Vacuum-Rated to 20 microns
- Full Flow for high speed recovery and evacuation
- Double O-Ring ball valve seal for accurate "blank off" vacuum testing
- 1/4" and 5/16" side port for service gauges
- Designed for high pressure refrigerants including R410a
- Magnetic Base - Never lose a stem again
- Adjustable Tip - Grab all cores with confidence

Model

1/4in Valve Core Removal Tool

5/16in Valve Core Removal Tool

1/4



5/16





APPION SPEEDKIT BACK PACK

The Appion SpeedKit back pack is built with a large main compartment to easily carry large diameter evacuation hoses. The additional 16 internal storage pockets help organise valve core removal tools, digital gauges and other hand tools required on the job.

FEATURES AND BENEFITS

- Durable - Constructed of 420D Ripstop Nylon
- Oil & Water Resistant Base
- High Quality YKK Zippers
- Cell Phone Pocket with Easy Headphone Cord Access
- "Hand Truck" Strap



Model

SpeedKit Back Pack



APPION 1/4" TO 1/4" HOSE HANGER

Organise your hose storage area and prevent hose contamination with the Appion Hose Hanger 1/4in to 1/4in. Works on any hose with 1/4in Female Flare to 1/4in Female Flare fittings.



Model

1/2in 1/4" to 1/4" Hose Hanger (Pack of 5)



APPION 1/4" TO 3/8" HOSE HANGER

Organise your hose storage area and prevent hose contamination with the Appion Hose Hanger 1/4in to 3/8in. Works on any hose with 1/4in Female Flare to 3/8in Female Flare fittings.



Model

1/4" to 3/8" Hose Hanger (Pack of 5)





APPION 1/4IN SPEED-Y

High-Speed Y Fitting for Fast Recovery or Evacuation

The MegaFlow 1/4in Speed-Y features a large inner diameter for unrestricted Full Flow, is Vacuum-Rated to 20 microns and rated for high pressure refrigerants, such as R410a. The Speed-Y makes it easy to connect multiple hoses to a single point without the drawbacks of a traditional manifold.



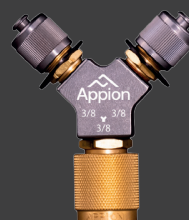
Model

1/4in Speed-Y (1) 1/4in Female Flare, (2) 3/8in Male Flare

APPION 3/8IN SPEED-Y

High-Speed Y Fitting for Fast Evacuation or Recovery

The MegaFlow 3/8in Speed-Y features a large inner diameter for unrestricted Full Flow, is Vacuum-Rated to 20 microns and rated for high pressure refrigerants, such as R410a. The Speed-Y makes it easy to connect multiple hoses to a single point without the drawbacks of a traditional manifold.



Model

3/8in Speed-Y (1) 3/8in Female Flare, (2) 3/8in Male Flare

APPION 1/2IN SPEED-Y

High-Speed Y Fitting for Fast Evacuation

The MegaFlow 1/2in Speed-Y features a large inner diameter for unrestricted Full Flow and is Vacuum-Rated to 20 microns. The Speed-Y makes it easy to connect multiple hoses to a single point without the drawbacks of a traditional manifold.



Model

1/2in Speed-Y (1) 1/2in Female Flare, (2) 3/8in Male Flare

APPION FULL RANGE VACUUM GAUGE



Accurate Measurement from Atmosphere to 1 micron

Accurately measure the entire evacuation process from atmosphere to 1 micron and immediately detect large leaks with the Appion AV760 wireless full-range vacuum gauge. The AV760 delivers 10-point vacuum-verified accuracy, elite technology and advanced app functionality for remote real-time readings, enabling advanced analysis and diagnosis. Reliable. Repeatable. Durable.



FEATURES AND BENEFITS

- High-Resolution Full-Range Response* - Atmospheric to 15k microns are displayed in 50-micron increments, and 15k to 1 micron are displayed within an ultra-fine 1 micron resolution
- Oil protection - A filter screen and oil catch keep the sensors clean and help maintain accurate measurements
- Durable - A rubberised water-resistant IP65 rated housing protects the gauge from the hazards of the jobsite
- Advanced System Analysis - With the Appion Central™ App, the gauge is capable of live data-logging, reporting, decay testing, and more

Model

AV760 Full Range Vacuum Gauge





APPION VACUUM PUMP OIL

Improve the Performance of ANY Vacuum Pump

Appion Ultimate Deep Seal Vacuum Pump Oil is engineered to improve performance and sealing power of a vacuum pump's internal components.



FEATURES AND BENEFITS

- Laboratory-Grade Synthetic Blend improves vacuum pump performance and protects the internal pump components
- Ultra-low Vapor Pressure - <1 microns for superior vacuum sealing performance
- Faster evacuations of systems that use POE oil
- Engineered to keep ambient moisture out - No cap seal, no problem
- Clearly. Visible. Results. - Clear oil so the technician can verify evacuation results quickly

Model	8oz Cart	1 Quart	1 Gal
Appion TEZOM 8oz Oil Cartridge			
Appion Ultimate Deep Seal Vacuum Pump Oil (1 Quart)			
Appion Ultimate Deep Seal Vacuum Pump Oil (1 Gallon)			

APPION SPARE PARTS



**Appion MegaFlow
Hose Gasket Kit
for 1/4in FL Fittings**



**Appion MegaFlow
Hose Gasket Kit
for 3/8in FL Fittings**



**Appion MegaFlow
Hose Gasket Kit
for 1/2 in FL Fittings**



**Appion G5Twin
Compressor Seal
Repair Kit**

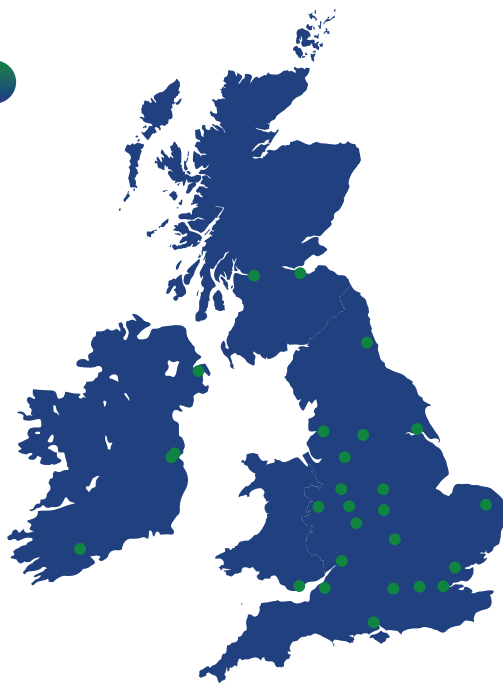


**Appion 0-700 PSI
Gauge Pack
For G1/G5 Recovery
Machines**



**Appion Valve Core
Tool Rebuild Kit
(Fits 1st & 2nd
Generation Tools)**





APPION PRODUCTS ARE
NOW AVAILABLE

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