

MANIFOLD GAUGES

**NX1G/ NX1GV** Nexus 2 Digital Manifold Gauge  
Smart and Precise



- Highly responsive 5.5" touch screen
- Heavy-duty shell & aluminum body, 1/4 turn ball valves & swivel ports
- IP54 rated for harsh conditions
- Class 0.4 accuracy with digital display
- Bluetooth connections with temp clamps & micron gauge
- Supports over 100 refrigerants, pdateable via App
- Modes: Manifold w/ SH/SC display, leak test, evacuation mode & decay test
- Rechargeable lithium battery w/ quick charge

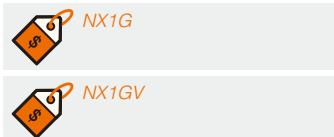
Packaging Dm & Wgt: 9.72" x 6.30" x 11.81", 5.89lbs

PATENT PENDING

2-year warranty

Case Qty: 5

GraphicUI A2L Compatible



**NX4G/ NX4GV** Nexus 2 Digital Manifold Gauge  
Smart and Precise



- Highly responsive 5.5" touch screen
- Heavy-duty shell & aluminum body, 1/4 turn ball valves & swivel ports
- IP54 rated for harsh conditions
- Class 0.4 accuracy with digital display
- Bluetooth connections with temp clamps & micron gauge (sold separately)
- Supports over 100 refrigerants, updatable via App
- Modes: Manifold w/ SH/SC display, leak test, evacuation mode & decay test
- Rechargeable lithium battery w/ quick charge

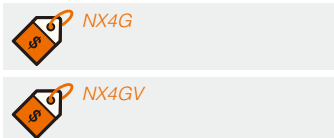
Packaging Dm & Wgt: 9.72" x 6.30" x 11.81", 6.83lbs

PATENT PENDING

2-year warranty

Case Qty: 5

GraphicUI A2L Compatible



**N1DX** Flex 1 Manifold Gauge with HD Color Graphic Interface  
Industry-First HD Color Graphic Manifold Gauge



- Convert data into visuals with enhanced UI
- Outstanding clarity and readability
- Up to 100 hours battery life, Auto power off (APO)
- Palm-sized 2 valve configuration
- One gauge for 100 refrigerants
- Aluminum Body with 1/4 Turn Ball Valve, IP54 rating
- Class 0.4 accuracy
- Hidden hook design, easy to transport

Packaging Dm & Wgt: 8.27" x 4.41" x 12.52", 3.27lbs

PATENT PENDING

2-year warranty

Case Qty: 5

GraphicUI A2L Compatible



**N2DX** Flex-X Manifold Gauge with HD Color Graphic Interface  
Industry-First HD Color Graphic Manifold Gauge



- Convert data into visuals with enhanced UI
- One gauge for 72 refrigerants
- Class 0.4 accuracy
- Rechargeable lithium battery
- Aluminum body with 1/4 turn ball valve
- Hidden hook design, easy to transport
- Auto power off (APO)
- Outstanding clarity and readability

Packaging Dim & Wgt: 12.1" x 13.5" x 3.7", 2.7 lbs

PATENTED

2-year warranty

Case Qty: 5

GraphicUI A2L Compatible



**N2D72** Flex72 Manifold Gauge with Digital Display  
One Gauge, 72 Solutions



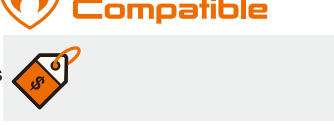
- Precise pressure gauge with Class 0.4 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Easy-to-read digital display, precision at a glance
- Hidden hook design, easy to transport
- Auto power off
- Work with 72 commonly used refrigerants
- 1/4 turn ball valve handles

Packaging Dim & Wgt: 11.8" x 12.5" x 3.3", 5.4 lbs

2-year warranty

Case Qty: 5

A2L Compatible



**NX1/NX1V** Nexus Digital Manifold Gauge  
Smart and Precise



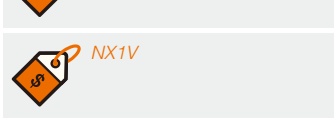
- Work with myNAVAC™ App
- Bluetooth connections with temp clamps & micron gauge
- Modes: Manifold mode with SH/SC display, Leak Test, Evacuation & Decay
- Class 0.4 accuracy with digital display
- Rechargeable battery
- Work with 72 commonly used refrigerants
- 1/4 turn ball valve handles
- NX1 includes temp probes
- NX1V includes NX1 and micron gauge

Packaging Dim & Wgt: 14.3" x 13.3" x 4.2", 6 lbs

2-year warranty

Case Qty: 5

NX1 NX1V



**NX4/NX4V** Nexus Digital Manifold Gauge  
Smart and Precise



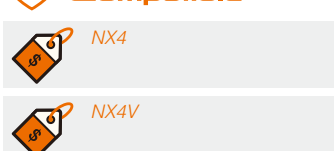
- Work with myNAVAC™ App
- Bluetooth connections with temp probes & micron gauge (sold separately)
- Modes: Manifold mode with SH/SC display, leak test, evacuation & decay
- Class 0.4 accuracy with digital display
- Rechargeable battery
- 4 Valves Includes a 3/8" vacuum port for fast evacuations
- Aluminum body w/ 1/4 turn ball valve
- NX4 (Vacuum gauge not included)
- NX4V (Vacuum gauge included)

Packaging Dim & Wgt: 13.4" x 4.9" x 14.5", 4.1 lbs

2-year warranty

Case Qty: 5

A2L Compatible



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## MANIFOLD GAUGES

### NMG11A/12A Pro Manifold Gauge

Simple · Reliable



- Reliable brass body w. needle valve
- Precise pressure gauge with Class 1.0 accuracy
- Reliable, efficient and durable
- Ø3-1/8" large dial for easy reading
- Illuminating, glow in the dark
- NMG11A: R410A/22/134a/404A
- NMG12A: R454B/32/410A/22

Packaging Dim & Wgt: 9.2" x 8.8" x 1.8", 2.3 lbs

1-year warranty

Case Qty: 5

**PRO** SERIES  
NMG12A: **A2L Compatible**



### NMGB1 Impact-Resistant Rubber Boots, Set of 2



### NMH11~15H Manifold Head, High Side



### NMH11~15L Manifold Head, Low Side



### N2A4 & N2A4B Pro Plus Manifold Gauge

Precision · Impact-Resistant



- Precise pressure gauge with Class 1.0 accuracy
- Aluminum body w. 1/4 turn ball valve
- Impact-resistant design
- Ø3-1/8" large dial for easy reading
- Illuminating, glow in the dark
- N2A4: R410A/22/134a/404A
- N2A4B: R454B/32/410A/22
- N2A4B: **A2L Compatible**

Packaging Dim & Wgt: 13.8" x 13.4" x 4", 5.5 lbs

1-year warranty

Case Qty: 5

**PRO+** SERIES

N2A4

N2A4B



### N4A4 & N4A4B Pro Plus 4-Valve Manifold Gauge

### N4A4H Pro Plus 4-Valve Manifold Gauge with Hoses

Precision · Impact-Resistant



- 4 valve, easy-to-use
- Precise pressure gauge with Class 1.0 accuracy
- 4 Refrigerants for wider applications
- Aluminum body with 1/4 turn ball valve
- Ø3-1/8" large dial for easy reading
- Impact-resistant durable rubber cover
- Hidden hook design, easy to transport
- 4-color refrigerant hoses included
- N4A4 & N4A4H: R410A/22/134a/404A
- N4A4B: R454B/32/410A/22
- N4A4H includes 4-color 5' refrigerant hoses

Packaging Dim & Wgt: 12.1" x 13.5" x 4", 6.5 lbs (N4A4(B)), 9.5 lbs (N4A4H)

1-year warranty

Case Qty: 5

**PRO+** SERIES  
N4A4B: **A2L Compatible**

N4A4(B)

N4A4H



## TESTING TOOLS & INSTRUMENTS

### SK2TP1 Smart Refrigerant Diagnostics Kit, 1-NST1, 1-NST2, 2-NSP1, 1-F1030 (2 PK)



Dim & Wgt: 7.6" x 6.5" x 9.8", 2.22 lbs



### SK3TPH1 Smart Refrigerant & Air Side Diagnostics Kit, 1-NST1, 1-NST2, 2-NSP1, 2-NSH1, 1-F1030 (2 PK)



Dim & Wgt: 10.9" x 7.3" x 9", 5.8 lbs



### SK4TPHM1 Smart Refrigerant & Air Side Diagnostics Kit, 1-NST1, 1-NST2, 2-NSP1, 2-NSH1, 2-NSM1, 1-F1030 (2 PK)



Dim & Wgt: 10.9" x 7.3" x 9", 6.8 lbs



### SK2SV1 Smart Refrigerant Flow Control Kit, 1-NRS2A, 1-NSV1



Dim & Wgt: 10.08" x 5.4" x 12.44", 5.82 lbs



## TESTING TOOLS & INSTRUMENTS

### NST1 & NST2 Wireless Temperature Clamps, High and Low side

Convenient Measurement



- Work with **myNAVAC™** APP
- Wireless connection with Nexus Digital Manifold Gauge
- Digital display
- Auto power off
- Large opening
- Robust design

Packaging Dim & Wgt: 8.2" x 1.6" x 9", 0.7 lbs

1-year warranty

Case Qty: 5

**NAVAC** **A2L Compatible**



### NSTL Large Bluetooth Temperature Clamp with Digital Display

Precision Temperature Measurement



- Works with or without **myNAVAC™** App
- Wireless connection with Nexus Digital Manifold Gauge
- Suitable for either high (HP) or low (LP) side
- Accuracy and fast response
- Durability and convenience
- Large digital display
- 3/4" to 4-1/8" opening

Packaging Dim & Wgt: 10.24" x 5.79" x 2.91", 0.7 lbs

1-year warranty

Case Qty: 5

**NAVAC** **A2L Compatible**



### NSP1 Bluetooth Pressure Probe with Digital Display

Precision Pressure Measurement



- Large digital display
- Works with or without **myNAVAC™** App
- Bluetooth connectivity
- Easy-to-switch knob, suitable for either High (HP) or Low (LP) Side
- Auto VSAT / LSAT calculations thru App
- Rechargeable lithium battery Up to 150 hours battery life
- Accuracy and fast response
- Easy to carry
- Measurement range -29~725 psi

Packaging Dim & Wgt: 3.3" x 2.32" x 9.69", 0.55 lbs

1-year warranty

**NAVAC** **A2L Compatible**



### NSH1 Bluetooth Pressure Probe with Digital Display

Precision Humidity Measurement



- Large digital display
- Works with or without **myNAVAC™** App
- Bluetooth connectivity
- Easy-to-switch knob, suitable for either Side supply (SP) or return (RT)
- Auto VSAT / LSAT calculations thru App
- Simultaneous display of dry bulb, wet bulb, dew point
- Accuracy and fast response
- Easy to carry
- Humidity: 0~100% RH
- Temp: -40~249.8°F

Packaging Dim & Wgt: 3.3" x 2.32" x 9.69", 0.39 lbs

1-year warranty

**NAVAC** **A2L Compatible**



### NSM1 Bluetooth Manometer with Digital Display

Precision Humidity Measurement



- Works with or without **myNAVAC™** App
- Built-in magnet, One-button operation
- Tip direction indicator, High accuracy sensor
- Easy-to-Switch Knob, suitable for multiple pressure measuring points
- Up to 150 hours battery life w. battery indicator
- Optional auto power-off after 2 hours
- -4~122°F (-20 ~ 50°C), Relative Humidity<75%

Packaging Dm & Wgt: 3.31" x 2.32" x 9.69", 0.64lbs

1-year warranty

**NAVAC** **A2L Compatible**



### NRS2A Smart Refrigerant Scale

Smart Refrigerant Charging & Recovery



- Bluetooth connectivity works wirelessly with **myNAVAC™** App and NSV1 smart valve
- Magnesium alloy weighing Platform 3.3 lbs only
- Precision sensor with 0.05% accuracy
- Large backlit display
- Integrated handle design
- Convenient hide-away storage for handheld device

Packaging Dim & Wgt: 10.04" x 3.78" x 12.4" 4.34 lbs

1-year warranty

Case Qty: 5

**NAVAC** **A2L Compatible**



TESTING TOOLS & INSTRUMENTS

NRS3i01 Wireless Refrigerant Scale, Large Weighing Platform

Precise Charging



- Wireless bluetooth control
- Auto power off
- Weight range up to 265 lbs
- Precision sensor with 0.05% accuracy
- 10.6" x 12.6" large weighing platform

Packaging Dim & Wgt: 15.7" x 3.6" x 14.1", 10.4 lbs

1-year warranty

Case Qty: 4



NML1 Leak Detector

Accurate Detection



- Semiconductor sensor for precision
- 2 CFM ball bearing sniffing fan for detecting very small leaks
- Extended service life

Packaging Dim & Wgt: 12.1" x 2.9" x 10.6", 2.6 lbs

1-year warranty

Case Qty: 5



NMC1 Digital Clamp Meter

Simple · Solid



- High precision chip
- Compact design
- 1-1/8" jaw, suitable for large conductors

Packaging Dim & Wgt: 6" x 1.7" x 9.4", 0.9 lbs

1-year warranty

Case Qty: 5



NMT300 Infrared Thermometer

Easy to Use



- Precise infrared sensor
- Rapid response, accurate measurement
- Large-aperture silicon mirror for long-distance reach

Packaging Dim & Wgt: 5.7" x 1.9" x 9.7", 0.6 lbs

1-year warranty

Case Qty: 6



NMV1S Premium Micron Vacuum Gauge

Smart Measurement



- Pirani vacuum sensor, professional grade and more precise
- Rechargeable battery
- Large backlit display
- Auto power off

Packaging Dim & Wgt: 3.5" x 2.6" x 6.1", 0.8 lbs

1-year warranty

Case Qty: 5



NMV1 Micron Vacuum Gauge

Precise Measurement



- Pirani vacuum sensor, professional grade and more precise
- Large backlit display
- Auto power off

Packaging Dim & Wgt: 4.4" x 2.2" x 7.2", 1 lbs

1-year warranty

Case Qty: 5



NVR2 Valve Core Removal Tool (VCRT)

Best VCRT Gets Better!



2 sizes in 1 tool

Packaging Dim & Wgt: 5.4" x 6.2" x 1.8", 0.54 lbs

1-year warranty

Case Qty: 5



- For use with both 1/4" and 5/16" flare fittings
- Designed for high-pressure refrigerants including R410a
- Vacuum rated to 20 microns

Modern Finish for Sleek Aesthetic

TESTING TOOLS & INSTRUMENTS

NVR3 Tri-Port Valve Core Removal Tool (VCRT)

Best VCRT Gets Better!



- Charging, Purging, Recovery, Evacuation, Leak-Testing without removing any hoses
- 1/4" and 5/16" fittings in one tool
- Facilitate triple evacuations
- Hose or gauge isolation prevents cross contamination and pressure damage

Packaging Dim & Wgt: 5.40" x 3.60" x 1.57", 1.50lbs

PATENTED

1-year warranty

Case Qty: 5



- Robust 1/4 turn ball valves for precision flow control
- Built to work with most refrigerants, including A2L
- Tactile knurling for maximum grip while wearing gloves

NMT1200 Infrared Thermometer

Troubleshoot HVAC systems through a new lens



- High-quality imaging
- Distinctive thermal vision of the target
- 25 Hz fast refresh frequency
- Smooth video and measurements
- Compact design, easy to carry

Packaging Dim & Wgt: 7.9" x 2.7" x 1.9", 2.3 lbs

1-year warranty

Case Qty: 12



- Quick temperature measurement
- Covers the entire field of the target
- Auto temperature range
- Quick start in 8 seconds
- Store and export images

NRS2i01 Wireless Refrigerant Scale

Light · Precise



- Wireless bluetooth control
- Auto power off
- Weight range up to 220 lbs
- Precision sensor with 0.05% accuracy
- Magnesium alloy weighing platform

Packaging Dim & Wgt: 10" x 3.8" x 12.4", 5.7 lbs

1-year warranty

Case Qty: 5



- Light weight at 3.3 lbs, easy to carry
- Large backlit display
- Integrated handle design
- Convenient hide-away storage for handheld device

NMA1/NMA1P Combustion Analyzer

Don't Guess at Combustion. Measure It.



- 5" large touch screen with advanced UI
- Compatible with myNAVAC™ App
- 2-year device & 4-year sensor warranty
- Comprehensive combustion testing solution
- One for all combustion systems & fuel types

Packaging Dim & Wgt: 18.70" x 10.63" x 5.31", 3lbs (NMA1) or 3.2lbs (NMA1P)

4-year sensor warranty

2-year warranty

Case Qty: 5

- Easy data storage, up to 1,000 stored records
- Reports with data annotation & job tracking
- Type-C charging & hands-free magnet mount

NMA1

NMA1P

NPR1 Wireless Thermal Printer



- Wireless connection with NMA1 Combustion Analyzer
- Type-C rechargeable battery
- Universal thermal printer paper

2-year warranty



Packaging Dim & Wgt: 7.20" x 6.22" x 3.19", 0.66 lbs

TUBING TOOLS

NTB7L2 BreakFree® Power Tube Bender

HVAC Tech's First-Choice Power Tube Bender



- Powerful for large size tubing
- Push and hold for 90° bending
- Automatic tube release
- 7 sizes in one selector
- Stop any time for customized angles

Packaging Dim & Wgt: 16" x 12.5" x 6.75, 11.75 lbs

PATENT PENDING

2-year warranty

BREAKFREE  
CORDLESS SERIES

NTB7L2

NTBRK

- Large lithium battery, over 100 bends per charge
- Quick connect mandrel and crossbar
- Tube OD: 1/4", 5/16" 3/8", 1/2", 5/8", 3/4", 7/8"

## TUBING TOOLS

### NEF6L2 BreakFree® Power Flaring Tool Quick Accurate Flaring · Ultra Light



- Complete a flare in 15 seconds
- Over 100 flares per charge
- Quick charge in 45 minutes
- Ultra light at 3.1 lbs
- Quick connect with ready-to-use clamps

- 45° flaring for R410A
- Limit baffle assures precise flare depth
- Easy one-button operation
- Battery indicator & LED flash light
- Tube OD: 1/4", 3/8", 1/2", 5/8", 3/4" 5/16" (clamp sold separately)

Case Qty: 5



**BREAKFREE**  
CORDLESS SERIES

### NTE11L2 BreakFree® Power Tube Expander Effortless, Quick & Accurate Expanding



- One-button operation
- Automatic pressure relief
- Quick connect heads
- Large capacity lithium battery, up to 200 expansions per charge
- Quick charge in 30 minutes

- Complete an expansion in 12 sec.
- Battery power indicator & LED flash light
- Tube OD: 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8" (\*sold separately)

Case Qty: 4



**BREAKFREE**  
CORDLESS SERIES

### NTB7 Ratcheting Tube Bender Compact · Reliable



- Quick connect mandrels
- Single crossbar for all sizes
- 90° bending angle marks
- Smooth sweep bends with no kinking
- Reverse bending structure available

- Ergonomic handle design
- Light and compact design
- Tube OD: 1/4", 5/16" 3/8", 1/2", 5/8", 3/4", 7/8"

Case Qty: 5



### NTF66 Flaring Tool Accurate Flaring



- Axial spacing ensures accurate and consistent flaring
- Eccentric cone with 45° flare for R410A system
- Nitride treatment for longer service life

- Robust and durable
- Patented annular rivet connection
- Internal clutch prevents over-torquing
- Tube OD: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

Case Qty: 5



### NTF67D Hand or Drill-Powered Flaring Tool Accurate Flaring



- Efficient and labor-saving with drill attached
- Axial spacing ensures accurate and consistent flaring
- Eccentric cone with 45° flare for R410A system
- Nitride treatment for longer service life

- Robust and durable
- Patented annular rivet connection
- Internal clutch prevents over-torquing
- Tube OD: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

Case Qty: 5



### NTE7 Tube Expander Easy to Expand



- Foldable design for portability
- Simple structure for expanding copper tubing

- Easy to use
- Tube OD: 3/8", 1/2", 5/8", 3/4", 7/8"

Cast Qty: 10



Packaging Dim & Wgt: 12"x 4.9" x 1", 0.9 lbs

## TUBING TOOLS

### NTE11H2 Hydraulic Tube Expander Effortless and Durable



NTEQHK Quick Connect Expander Kit, 1-1/4" to 1-5/8" OD

- Vacuum sealed hydraulic system, no oil change needed
- Easy expansion with extended lever
- Suitable for large diameter copper
- Tube released at final trigger compression
- Built-in manual relief button

- Easy one-hand operation
- Convenient for narrow spaces
- Quarter-turn head design, quick to attach/remove
- Tube OD: 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"

Case Qty: 4



Packaging Dim & Wgt: 12.2"x 11" x 3.2", 6.6 lbs

### NTC6, NTC12, NTC15 Tube Cutter Easy to Cut



- Sharp and durable cutting blade
- Ball bearing, easy to cut and better quality
- Aluminum alloy body
- Light weight, easy to carry and use

- NTC6 tube OD: 1/8"~3/4"
- NTC12 tube OD: 1/8"~1-1/4"
- NTC15 tube OD: 1/8"~1-5/8"

Case Qty (NTC6/12): 10  
Case Qty (NTC15): 5



Packaging Dim & Wgt: 3.6" x 5.1" x 1.4", 0.4 lbs (NTC6)  
Packaging Dim & Wgt: 9" x 5.1" x 1.5", 0.9 lbs (NTC12)  
Packaging Dim & Wgt: 9" x 5.1" x 1.5", 1.2 lbs (NTC15)

### NTW1 Digital Torque Wrench Digital Readout · Adjustable Jaw



- Accurate within 2%
- Dual direction (CW & CCW)
- Torque setting memory & Peak hold
- Selectable measuring units (ft-lb, in-lb, N-m, kg-cm)

- Auto turn-off after 5 minutes
- Indicator lights and sound for target torques

Case Qty: 6



Packaging Dim & Wgt: 19" x 5.7" x 3.3", 3 lbs

### NTWH41 Wrench Head Large 5-41mm For NTW1



Dim & Wgt: 9"x 4" x 1.25", 0.9 lbs



### NTWR38 Ratchet Head 3/8" Round For NTW1



Dim & Wgt: 9"x 4" x 1.25", 0.34 lbs



### NTR14 Internal & External Reamer Fast, Easy and Clean



- Multi-blade alloy steel internal surface
- Easy to clean internal and external tubing surfaces

- Slip-resistant aluminum body
- Light weight at 0.4 lbs
- Tube OD: 1/8"~1-1/2"

Case Qty: 5



Packaging Dim & Wgt: 2.1"x 2.1" x 2.6", 0.4 lbs

### NTD28 Tube Deburring Tool Convenient to Carry and Use



- Replaceable blades
- 2 spare blades included

- Easy to carry

Case Qty: 10



Packaging Dim & Wgt: 8.6"x 3.9" x 0.7", 0.1 lbs

### NKS3 Mini-Split Tool Kit

NAVAC Advanced Tool Kit for Mini-Split Installation



The kit includes 9 essential tools & 1 carry bag:

- NEF6L2 Cordless Flaring Tool
- NTW1 Digital Torque Wrench
- NVR2 Valve Core Removal Tool
- NHK1 30-Piece Hex Wrench Set
- NTC6 1/8"~3/4" Tube cutter
- NTC12 1/8"~1-1/4" Tube Cutter
- NTR14 Internal & External Reamer
- NTD28 Tube Deburrer
- NFG1 Flare Gauge

Packaging Dim & Wgt: 21" x 10" x 11", 20 lbs



## TUBING TOOLS

**NBF3** Type-C Rechargeable Battery for all BreakFree® Power Tubing Tools



Dim & Wgt: 1.9" x 1.3" x 3.5", 0.3 lbs

7.2V, 2.0Ah, 14.4Wh



**NCF2** Charger for NBF2, NBF3



Dim & Wgt: 5.5" x 5.5" x 2", 0.5 lbs

Input: 120VAC/60Hz, 0.45A  
Output: 8.3V = 3.5A



**NFG1** Flare Gauge  
Ensure Perfect Flares



- For precise measurement of tube flare
- Tube OD: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

Packaging Dim & Wgt: 5.1" x 1.6" x 0.2", 0.14 lbs

**1-year warranty**

Cast Qty: 10



## REFRIGERANT RECOVERY

**NR7** Recovery Unit  
Compact · Light · Swift



- Small & light weight at only 20.3 lbs
- Easy to store and carry
- One key operation, easy to use
- Twin cylinder, fast recovery
- Oil-free compressor, suitable for all commonly used refrigerants

Packaging Dim & Wgt: 12.2" x 9.4" x 9.6", 20.3 lbs

**1-year warranty**

**A2L Compatible**



**NRDD** Digital DC Recovery Unit  
Fastest Twin-Cylinder Recovery Unit



- Brushless DC technology
- Light weight at 24.3 lbs
- Large backlit display
- Easy-to-read LCD screen
- Twin-cylinder with 2-row oversized condenser for fast recovery

Packaging Dim & Wgt: 15.6" x 10.9" x 13.7", 29.6 lbs

**\*3-year warranty**

**MASTER SERIES**  
**A2L Compatible**



**NRDDF** Recovery Unit for Flammable Refrigerants  
Fast · Compact · Ignition-Proof



- Designed and tested to UL 121201, CSA C22.2 No.213-17 & IEC 60069-7
- Suitable for A2L, A2 & A3 refrigerants
- Brushless DC technology
- Oil-free compressor, suitable for all commonly used refrigerants
- Easy-to-read LCD screen

Packaging Dim & Wgt: 18" x 12.8" x 11.3", 26 lbs

**\*1-year warranty**

**A2L, A2 & A3 \*\***  
**Compatible**



**NRDC4M** 4-Cylinder Recovery Unit  
Fastest · Most Powerful



- 4-cylinder for powerful recovery
- Up to 40% faster than 2-cylinder unit
- Super-efficient condenser
- Over-sized micro-channel coil
- 3 high-speed cooling fans

Packaging Dim & Wgt: 17.5" x 14" x 11", 45 lbs

**2-year warranty**

**MASTER SERIES**  
**A2L Compatible**



## VACUUM PUMPS

**NP2D & NP4D & NP6D** BreakFree® Cordless Vacuum Pump  
Cordless Vacuum Pumps Go Battery-Less?!

**2-year warranty**

**BREAKFREE**  
CORDLESS SERIES



- NP2D: 2 CFM, 23 microns
- NP4D: 4 CFM, 15 microns
- NP4D: 6 CFM, 15 microns
- Compatible with DEWALT batteries of similar spec

Packaging Dim & Wgt: NP2D:  
15.2" x 8.9" x 9.4", 7.5 lbs (NP2D)  
14.2" x 8.9" x 10.9", 13.9 lbs (NP4D)  
14" x 9.65" x 13.19", 19.2 lbs (NP6D)

- Compact design
- Dual-stage
- Brushless DC technology
- Automatic power management
- 1/4", 3/8", 1/2" inlet

**A2L Compatible**



**NP2DLM** BreakFree® Cordless Vacuum Pump  
Cordless · Compact · Convenient

**2-year warranty**

**BREAKFREE**  
CORDLESS SERIES



- 2 CFM, 23 microns
- High performance lithium battery
- Up to 1 hour running time
- Brushless DC technology
- Light weight at 8.4 lbs

Packaging Dim & Wgt: 15.2" x 8.9" x 9.4", 14.5 lbs

- Compact design
- Dual-stage
- Backflow prevention check valve
- Isolation valve
- 1/4" & 3/8" inlet

**A2L Compatible**



**NP4DLM** BreakFree® Cordless Vacuum Pump  
Cordless · Compact · Convenient

**2-year warranty**

**BREAKFREE**  
CORDLESS SERIES



- 4 CFM, 15 microns
- Residential and light commercial applications
- High performance lithium battery
- Up to 1 hour running time
- Brushless DC technology

Packaging Dim & Wgt: 14.2" x 8.9" x 10.9", 20 lbs

- Compact design, light weight at 15.4 lbs
- Dual-stage pump with gas ballast
- Backflow prevention check valve
- Isolation valve & Lifting hook
- 1/4", 3/8" & 1/2" inlet

**A2L Compatible**



**NP6DLM** BreakFree® Cordless Vacuum Pump  
Cordless · Compact · Convenient

**2-year warranty**

**BREAKFREE**  
CORDLESS SERIES



- 6 CFM, 15 microns
- Residential and light commercial applications
- Automatic power management
- Extended operation up to 1 hour
- Brushless DC technology

Packaging Dim & Wgt: 14" x 9.65" x 13.19", 21.2 lbs

- Compact design, light weight at 21 lbs
- Dual-stage pump with gas ballast
- Backflow prevention check valve
- Isolation valve & Lifting hook
- 1/4", 3/8" & 1/2" inlet

**A2L Compatible**



**NB1** Lithium Battery for NP2DLM  
18V, 5Ah, 90Wh



Dim & Wgt: 3.1" x 2.8" x 4.8", 1.3 lbs

**NBP2** Lithium Battery for NP2/4/6DLM  
18V, 9Ah, 162Wh



Dim & Wgt: 3.5" x 3.1" x 4.8", 2.0 lbs

**NABA1** DEWALT® Battery Adapter for NP2/4/6DLM



Dim & Wgt: 3.9" x 3" x 2.2", 0.34 lbs

**NAPS1** Power Supply for NP2/4/6DLM  
Input: 100-240V~50/60Hz, 4.5A, 450VA  
Output: 21V, 20A



Dim & Wgt: 12.2" x 6.3" x 3", 4.4 lbs

## VACUUM PUMPS

### NP5DP & NP7DP Vacuum Pump

Performance · Reliability



- NP5DP: 5 CFM, 15 microns
- NP7DP: 7 CFM, 15 microns, dual voltage
- Dual-stage with integrated cylinder structure for high performance and reliability
- Internal check valve to prevent oil backflow
- Forced oil circulation for efficiency and durability
- Gas ballast
- Lifting hook
- 1/4", 3/8" & 1/2" inlet

Packaging Dim & Wgt: 16.7" x 8.5" x 13.6", 32 lbs

1-year warranty

### PRO SERIES



### NP5DP2 & NP7DP2 Vacuum Pump

Performance · Reliability



- NP5DP: 5 CFM, 15 microns
- NP7DP: 7 CFM, 15 microns
- Dual-stage with integrated cylinder structure for high performance and reliability
- Internal check valve to prevent oil backflow
- A2L compatible
- Forced oil circulation for efficiency and durability
- Gas ballast
- Lifting hook
- 1/4", 3/8" & 1/2" inlet

Unit Dim & Wgt: 14" x 5" x 11.3", 24.3 lbs (NP5DP2)  
14" x 5" x 11.3", 26 lbs (NP7DP2)

1-year warranty

### PRO SERIES



### NP7DPF Vacuum Pump for Flammable Refrigerants

Reliability · Ignition-Proof



- Designed and tested to UL 121201, CSA C22.2 No. 213-17 and IEC 60079-7 Standards
- Suitable for A2L, A2 and A3 refrigerants
- Prevent oil backflow
- Safe & convenient for rooftop use
- Forced oil circulation for efficiency and durability
- Gas ballast
- Lifting hook
- 1/4", 3/8" & 1/2" inlet

Unit Dim & Wgt: 14" x 5" x 11.3", 26 lbs

1-year warranty

### PRO SERIES



### NRP6Di & NRP8Di Smart Vacuum Pump

Brushless DC Technology with Smart Control



- NRP6Di: 6 CFM, 15 microns
- NRP8Di: 8 CFM, 15 microns
- Brushless DC technology
- Light weight at 25.35 lbs
- Automatic control, digital display with task reminder
- Built-in micron vacuum gauge for easy leak detection
- Solenoid valve for vacuum preservation and oil backflow prevention
- Dual-stage pump with gas ballast
- 1/4", 3/8" & 1/2" inlet

Unit Dim & Wgt: 14" x 5.3" x 11.9", 25.4 lbs

2-year warranty

### MASTER SERIES



### NP8DS & NP8DSV Smart Vacuum Pump

Smart Evacuation



- 8 CFM, 15 microns
- Oil health test mode for effective Evacuation save money, save time save environment
- One-touch oil check in 60 seconds
- Remote vacuum gauge
- Automatic evacuation and decay test
- Bluetooth connectivity works wirelessly with myNAVAC™ App & NMV1S Vacuum Gauge
- Automatic decay testing with on-screen results
- Dual-stage pump with gas ballast
- 1/4", 3/8" & 1/2" inlet

Unit Dim & Wgt: 14" x 5" x 11.74", 27.6 lbs (NP8DS)  
14" x 5" x 11.74", 28 lbs (NP8DSV)



2-year warranty

### MASTER SERIES



## VACUUM PUMPS

### NP12DM Vacuum Pump

Fast · Robust · Powerful



- 12 CFM, 5 microns
- Industrial-grade design
- High evacuation performance
- Brushless DC technology
- Integrated dual-stage pump
- Oil backflow prevention
- Ball drain valve, easier to drain oil
- Large oil sight glass for better view
- Adjustable gas ballast
- 1/4", 3/8" & 1/2" inlet

Unit Dim & Wgt: 16.3" x 6" x 12.1", 32 lbs

2-year warranty

### MASTER SERIES



### NP12DA1 Ammonia Vacuum Pump

Robust and Corrosion Resistant



- Corrosion resistant for Ammonia (R-717)
- 12 CFM, 5 microns
- Industrial-grade design
- Brushless DC technology
- Integrated dual-stage pump
- Oil backflow prevention
- Ball drain valve, easier to drain oil
- Large oil sight glass for better view
- Adjustable gas ballast
- Inlet/Exhaust: KF25

Unit Dim & Wgt: 16.3" x 6" x 12.1", 32 lbs

1-year warranty

### Ammonia

### NRD16T Industrial Vacuum Pump

Suitable for Heavy Commercial Applications



- 12 CFM, 3 microns
- Industry-leading ultimate vacuum
- Fast evacuation with power and reliability
- Oil backflow prevention
- Integrated cylinder structure
- Forced oil circulation
- Adjustable gas ballast
- Inlet: KF16
- Exhaust: KF25
- Comes with cart and filter

Unit Dim & Wgt: 20.5" x 7.4" x 10.7", 73 lbs

1-year warranty

### Industrial

### NRD24M & NRD30M Industrial Vacuum Pump

Fast · Powerful · Reliable



- NRD24M: 18 CFM, 3 microns
- NRD30M: 23 CFM, 3 microns
- Industry-leading ultimate vacuum
- Fast evacuation with power and reliability
- Oil backflow prevention
- Corrosion resistant for Ammonia (R-717)
- Integrated cylinder structure
- Forced oil circulation
- Adjustable gas ballast
- Inlet/Exhaust: KF25

Packaging Dim & Wgt: 29.5" x 9.8" x 17.3", 95.8 lbs

1-year warranty

### Industrial

### CART1 Cart for NRD16T/24M/30M



Dim & Wgt: 22.4" x 4.5" x 15.8", 8.4 lbs

### NF43 Premium oil Mist Filter



Dim & Wgt: 4.3" x 4.3" x 4.6", 1.05 lbs

### NOT30B Oil Mist Filter for NRD16T/24M/30M



Dim & Wgt: 5.5" x 5.5" x 7.5", 3 lbs

### NVO1Q (1 Liquid Quart) NVO1G (1 Liquid Gallon) VacShield Premium Vacuum Pump Oil



- Advanced non-misting formulation
- Low volatility and high resistance to oxidation
- Extremely pure hydro processed mineral oil
- Excellent lubricity & pump protection at deepest vacuum
- Suitable for most vacuum pumps available in the market
- Case Qty (NVO1Q/NVO1G): 12/4

Dim & Wgt: 9" x 3.5" x 3.5", 2.1 lbs (NVO1Q)  
11.5" x 6.5" x 4.5", 7.6 lbs (NVO1G)

### NPO68 (1 Liquid Quart) Industrial Grade Vacuum Pump Oil



Dim & Wgt: 8.3" x 5" x 2", 3 lbs (NPO68)



HOSES & HOSE KIT

NH5SLL 1/4" Low Loss Refrigerant Hoses, 5 Ft Long

1-year warranty

Case Qty: 5



- Suitable for R-410A, R-134a, R-22 and other refrigerants
- 1/4" SAE fittings with 45° bend on low loss end

Packaging Dim & Wgt: 9.72" x 6.30" x 3", 2.01lbs

- 4000 psi burst pressure, 800 psi working pressure
- Built-in roller bearing for easy connection & longer service life
- Universal, replaceable gasket
- NH5SLL kit Includes F2010 adapter



NH5S 1/4" Charging Hoses w/o Ball Valve, 5 Ft Long  
NH5SC 1/4" Charging Hoses with Ball Valve, 5 Ft Long

1-year warranty

Case Qty: 5



- High strength
- Ball valve to prevent refrigerant loss
- Suitable for R-410A, R-134a, R-22 and other refrigerants
- 1/4" SAE fittings with 45° bend

Packaging Dim & Wgt: 10.1" x 10" x 2", 2 lbs

- Leak-proof eight-sided crimp
- 800 psi working pressure, 4000 psi burst pressure
- Metal valve handle
- Universal, replaceable gasket



NH5LLR, NH5LLB, NH5LLY Low Loss Refrigerant Tubes

1-year warranty

Case Qty: 5



- Suitable for R-410A, R-134a, R-22 and other refrigerants
- 1/4" SAE fittings with 45° bend on low loss end

Packaging Dim & Wgt: 8.15" x 8.94" x 1", 0.67lbs

- 4000 psi burst pressure, 800 psi working pressure
- Built-in roller bearing for easy connection & longer service life
- Universal, replaceable gasket



NH5R, NH5B, NH5Y Individual Charging Hose w/o Ball Valve

1-year warranty

Case Qty: 5



- High strength
- Ball valve to prevent refrigerant loss
- Suitable for A2L reversed thread refrigerant & recovery tanks
- 1/4" SAE fittings with 45° bend

Packaging Dim & Wgt: 10.8" x 9.4" x 2.1", 1.3 lbs

- Leak-proof eight-sided crimp
- 800 psi working pressure, 4000 psi burst pressure
- Universal, replaceable gasket



NH5CB, NH5CR, NH5CY Individual Charging Hose with Ball Valve

1-year warranty

Case Qty: 5



- High strength
- Ball valve to prevent refrigerant loss
- Suitable for A2L reversed thread refrigerant & recovery tanks
- 1/4" SAE fittings with 45° bend

Packaging Dim & Wgt: 10.8" x 9.4" x 2.1", 1.3 lbs

- Leak-proof eight-sided crimp
- 800 psi working pressure, 4000 psi burst pressure
- Metal valve handle
- Universal, replaceable gasket



NH5L 1/4" Refrigerant Hose, A2L Reversed Thread

1-year warranty

Case Qty: 5



- High strength
- Ball valve to prevent refrigerant loss
- Suitable for A2L reversed thread refrigerant & recovery tanks
- 1/4" SAE fittings with 45° bend

- Leak-proof eight-sided crimp
- 800 psi working pressure, 4000 psi burst pressure
- Universal, replaceable gasket

Packaging Dim & Wgt: 10.8" x 9.4" x 2.1", 1.3 lbs



NH38BB Big Boy Evacuation Hoses, 5 Ft long

1-year warranty

Case Qty: 5



- High strength
- 3/8" large diameter for fast evacuation
- 4-layer construction for low permeation

Packaging Dim & Wgt: 12.9" x 11.1" x 2.2", 1.4 lbs

- 460 psi working pressure, 2300 psi burst pressure
- Heavy-duty gaskets with extras included
- NH38BB: 3/8" to 3/8" fitting



HOSES & HOSE KIT

NHR38AA & NHR38AB Big Boy Recovery Hoses, 6 Ft long

1-year warranty

Case Qty: 5



- High strength
- 3/8" large diameter for fast recovery
- 4-layer construction for low permeation
- 460 psi working pressure, 2300 psi burst pressure

Packaging Dim & Wgt: 12.9" x 11.1" x 2.2", 1.4 lbs

- Heavy-duty gaskets with extras included
- NHR38AA: 1/4" to 1/4" fitting
- NHR38AB: 1/4" to 3/8" fitting



NHB1 & NHB2 Big Boy High-Flow Hoses, 6 Ft long

1-year warranty

Case Qty: 5



- High strength
- 1/2" large diameter for fast evacuation
- 4-layer construction for low permeation
- 640 psi working pressure, 3200 psi burst pressure
- Vacuum rated to 20 microns

- Heavy-duty gaskets with extras included
- NHB1: 1/4" to 3/8" fitting
- NHB2: 1/4" to 1/2" fitting

Packaging Dim & Wgt: 14.5" x 13.4" x 2.5", 2 lbs



NH34AB & NH34AC Big Boy High-Flow Evacuation Hoses, 3 Ft long

1-year warranty

Case Qty: 5



- High strength
- 3/4" large diameter for fast evacuation
- Premium material for durability and flexibility
- Vacuum rated to 20 microns

- Heavy-duty gaskets with extras included
- NH34AB: 1/4" to 3/8" fitting
- NH34AC: 1/4" to 1/2" fitting

Packaging Dim & Wgt: 14.5" x 13.4" x 2.5", 1.8 lbs



NEVK1, NEVK2 Rapid Evacuation Kit, Pro Series  
NEVK3 Rapid Evacuation Kit, Pro Plus

1-year warranty

Case Qty (NEVK1/2/3): 5/5/4



- NEVK1 includes:**
- 1 x NHB1 Evacuation Hose, 3/8" to 1/4" Fitting
  - 1 x NVR2 Valve Core Removal Tool
- NEVK2 includes:**
- 1 x NHB2 Evacuation Hose, 1/2" to 1/4" Fitting
  - 1 x NVR2 Valve Core Removal Tool

- NEVK3 includes:**
- 1 x NHB1, 1 x NHB2, 2 x NVR2
  - 1 x NMV1 Micron Vacuum Gauge

Packaging Dim & Wgt:  
2" x 1.9" x 13.5", 3.3 lbs (NEVK1/2)  
10.6" x 5.9" x 11", 6.9 lbs (NEVK3)



F1028 & F1029 Rapid Y Connection Fitting  
No Assembly · Less Turbulence · More Flow

1-year warranty

Case Qty: 5



- Single-piece solid brass construction
- Vacuum rated to 20 microns
- Large internal boring for maximum flow and minimal resistance

Packaging Dim & Wgt: 5.7" x 3.1" x 1.5", 0.63 lbs

- F1028 2 x 3/8" MPT to 1x 3/8" FPT
- F1029 2 x 3/8" MPT to 1x 1/4" FPT



FHH4 4 Port Hose Holder

1-year warranty

Case Qty: 5



- Supporting professional hose management
- Holding multiple hoses
- Premium metal material, built to last
- Modern finish for sleek aesthetic
- Light weight at 0.15 lbs
- Suitable for multi-sized fittings
- 1/4", 1/4", 3/8", 1/2"

Packaging Dim & Wgt: 5.7" x 3.1" x 1.5", 0.23 lbs





CONDENSATE MANAGEMENT

NCA10 Mini Condensate Pump  
Ultra-Quiet & Durable

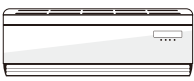


- Ultra-quiet design
- Clogging prevention
- Snap-on/off cover, easy to install & maintain
- Easy to hide inside the unit
- Built-in water level safety sensor
- Auto power off (APO)
- 5' vinyl tube included

Packaging Dim & Wgt: 10.04" x 7.2" x 3.5", 0.56 lbs

1-year warranty

Case Qty: 4



Ideal for Mini-Split



NCB10 Condensate Pump  
Ultra-Quiet & Sleek

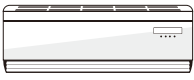


- Ultra-quiet design
- Easy maintenance
- Easy to use
- Compact & sleek
- Built-in water level safety sensor
- Large water tank capacity
- Minimizing runtime & extending life

Packaging Dim & Wgt: 6.6" x 4.2" x 3.6", 1.04 lbs

1-year warranty

Case Qty: 4



Ideal for Mini-Split



NCT145 Tank Pump  
Ultra-Quiet, Sleek & Durable



- 23' maximum lift
- Three-piece sensor for overflow protection
- Automatic self-cleaning function
- Manual drain for forced discharge
- 4 Indicator lights for quick status check
- Detachable power cable and signal cable
- 1/2-gallon translucent water tank
- Four 1" inlet opening with 3 poly covers
- 3/8" OD discharge port with built-in check valve

Packaging Dim & Wgt: 13.78" x 7.48" x 5.94", 4.72lbs

1-year warranty

Case Qty: 4



Ideal for Ducted AC Systems



PERSONAL & LIFESTYLE PRODUCTS

PK1 Folding Utility Knife  
Easy to Use



- Universal High-Strength Blade
- Quick blade-change mechanism
- Built-in Metal Belt Clip
- Portable and easy to carry
- Durable Aluminum Construction
- 3 extra blades included

Dim & Wgt: 4.65x1.5x0.7, 0.28 lbs

1-year warranty

Case Qty: 10



PKB50 50 PK Utility Knife Blade with Dispenser



Case Qty: 10



Dim & Wgt: 3.15x2.87x0.142, 0.28 lbs

PK2 2-IN-1 Compact Folding Knife  
Compact & Versatile



- Universal High-Strength Blade
- Built-in Metal Belt Clip
- Easy Operation
- Tool-less blade changes
- Multi-Functional 2-in-1 Design
- Safety liner lockable
- Compact Folded Design at 4" Long

Dim & Wgt: 4.09x0.94x0.59, 0.3 lbs

1-year warranty

Case Qty: 10



PL1 LED Penlight  
Brightness in Your Palm



- Extra-bright at 300 lumens
- Long-distance illumination up to 330 feet
- Adjustable lighting for customized brightness
- 3 Lighting Modes: High, Low, Strobe
- Convenience and Portability, 2-way clip
- Rechargeable Battery, Up to 2 hours runtime

Dim & Wgt: 4.92x7.09x1.50, 0.18 lbs

1-year warranty

Case Qty: 10



PERSONAL & LIFESTYLE PRODUCTS

PL2 Headlamp  
Versatile Way to Light Your Path



- Extra-bright at 350 lumens
- Long-distance illumination up to 330 feet
- 5 Lighting Modes: High (COB), Low (COB), High (Spot), Low (Spot), Strobe
- COB LED with Latest Technology
- Comfortable Headband, Breathable and stretchable material
- Rechargeable Battery, Up to 6 hours runtime

Dim & Wgt: 7.48x5.51x1.38, 0.22 lbs

1-year warranty

Case Qty: 10



MODULAR STORAGE BOX

NBX1 Modular Service Tool Storage System 3-Piece  
Organization · Mobility · Strength



- Interlocking, stackable design for modular connectivity
- IP65-rated water resistance
- Tailored to multiple NAVAC tool storage plans
- Impact resistant PP/ABS materials
- Fully collapsible rolling box handle

Packaging Dim & Wgt: 17.48" x 16.30" x 31.30", 31.75lbs

1-year warranty

Case Qty: 5



NBX101 Modular Service Tool Case - Medium



Packaging Dim & Wgt: 17.48" x 12.99" x 5.98", 5.07lbs

NBX102 Modular Service Tool Case - Large



Packaging Dim & Wgt: 17.48" x 12.99" x 11.38", 7.05lbs

NBX103 Modular Service Tool Case - Roller



Packaging Dim & Wgt: 17.48" x 16.30" x 24.33", 16.76lbs