

NP2DLM
Cordless Vacuum Pump



Cordless · Compact · Convenient

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

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

NB1 - Lithium battery, 18V 5Ah only for NP2DLM

2-year warranty

BREAK FREE
CORDLESS SERIES

UPC: 811245030598
 Unit Dimensions (WxDxH):
 9.2" x 3.5" x 7.5"
 Carton Dimensions (WxDxH):
 15.2" x 8.9" x 9.4"
 Unit/Gross Weight: 8.4/14.5 lbs

NP4DLM
Cordless Vacuum Pump



World's Highest Capacity Cordless Vacuum Pump

2-year warranty

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

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

NBP2 - Lithium battery, 18V 9Ah for NP4DLM and NP2DLM

BREAK FREE
CORDLESS SERIES

UPC: 811245031281
 Unit Dimensions (WxDxH):
 12.4" x 4.4" x 9.4"
 Carton Dimensions (WxDxH):
 14.2" x 8.9" x 10.9"
 Unit/Gross Weight: 15.4/20 lbs

NRP6Di
NRP8Di
Smart Vacuum Pump



Smart Control

- NRP6Di: 6 CFM, 15microns
- NRP8Di: 8 CFM, 15microns
- Automatic control
- Task reminder
- Brushless DC technology
- Light weight at 25.35 lbs

- Embedded vacuum gauge with digital vacuum display for precision
- Automatic control valve for vacuum preservation and backflow prevention
- Twin cylinder with gas ballast
- 1/4", 3/8" & 1/2" inlet

2-year warranty

MASTER SERIES

UPC: 811245030024(NRP6Di)
 811245030031(NRP8Di)
 Unit Dimensions (WxDxH):
 14" x 5.3" x 11.9"
 Carton Dimensions (WxDxH):
 16.7" x 8.5" x 13.6"
 Unit/Gross Weight: 25.4/30 lbs

NP12DM
Vacuum Pump



Speed, Robustness and Power

- 12 CFM, 5 microns
- Industrial grade design
- High evacuation performance
- Brushless DC technology
- Integrated dual-stage pump
- Oil backflow prevention

- No system oil contamination during power failure
- Ball valve design, easier to drain
- Sight glass eliminates oil shortage
- Adjustable gas ballast
- 1/4", 3/8" & 1/2" inlet

2-year warranty

MASTER SERIES

UPC: 811245030604
 Unit Dimensions (WxDxH):
 16.3" x 6" x 12.1"
 Carton Dimensions (WxDxH):
 22.3" x 9.2" x 14.2"
 Unit/Gross Weight: 32/39.7 lbs

NRD16T
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

2-year warranty

UPC: 811245031076
 Unit Dimensions (WxDxH):
 20.5" x 7.4" x 10.7"
 Carton Dimensions (WxDxH):
 35" x 12" x 22"
 Unit/Gross Weight: 73/98 lbs

NRP6DV
NRP8DV
Vacuum Pump



Accurate · Efficient

- NRP6DV: 6 CFM, 15microns
- NRP8DV: 8 CFM, 15microns
- Built-in solenoid valve for vacuum preservation during power failure
- Backflow prevention
- Brushless DC technology

- Light weight at 25.35 lbs
- Embedded vacuum gauge for precision
- Twin cylinder with gas ballast
- Precision manufacturing
- 1/4", 3/8" & 1/2" inlet

1-year warranty

UPC: 811245030000 (NRP6DV)
 811245030017 (NRP8DV)
 Unit Dimensions (WxDxH):
 14" x 5.3" x 11.9"
 Carton Dimensions (WxDxH):
 16.7" x 8.5" x 13.6"
 Unit/Gross Weight: 25.4/30.3 lbs

VACUUM PUMP

NP4DP Vacuum Pump



Performance - Reliability

- 4 CFM, 15 microns
- Twin cylinder
- Lifting hook
- Integrated cylinder structure for high performance and reliability

1-year warranty

- Forced oil circulation for efficiency and durability
- Larger oil tank of 17 oz
- Gas ballast
- 1/4", 3/8" & 1/2" inlet

PRO SERIES

UPC: 811245030567
Unit Dimensions (WxDxH): 14" x 5" x 11.3"
Carton Dimensions (WxDxH): 16.7" x 8.5" x 13.6"
Unit/Gross Weight: 24.3/32 lbs

NP7DP Vacuum Pump



Performance - Reliability

- 7 CFM, 15 microns
- Twin cylinder
- Lifting hook
- Integrated cylinder structure for high performance and reliability

1-year warranty

- Dual voltage
- Forced oil circulation for efficiency and durability
- Gas ballast
- 1/4", 3/8" & 1/2" inlet

PRO SERIES

UPC: 811245031144
Unit Dimensions (WxDxH): 14" x 5" x 11.3"
Carton Dimensions (WxDxH): 16.7" x 8.5" x 13.6"
Unit/Gross Weight: 26/32 lbs

VO1Q VO1G Vacuum Pump Oil



Premium Oil

- Widely applicable
- Suitable for most vacuum pumps available in the market
- High quality
- Clean and free of contaminants

- Case quantity only
- VO1Q: 1 liquid quart
- VO1G: 1 liquid gallon

Case Qty (VO1Q/VO1G): 12/6
UPC: 811245031052 (VO1Q)
811245031069 (VO1G)
Case Dimensions (WxDxH): 17.4" x 12.2" x 7.7" (VO1Q)
16.3" x 14.2" x 10.7" (VO1G)
Gross Weight (VO1Q/VO1G)
24.9/47.3 lbs

RECOVERY UNIT

NRRD Recovery Unit



Light - Fast

- One key operation, easy to use
- Twin cylinder, fast recovery
- Oil-free compressor, suitable for all commonly used refrigerants

1-year warranty

- Purge function prevents mixing of various refrigerants
- High pressure protection for safety

UPC: 811245030055
Unit Dimensions (WxDxH): 16" x 10" x 14"
Carton Dimensions (WxDxH): 17" x 11.2" x 15.6"
Unit/Gross Weight: 30/35.6 lbs

NRDD Recovery Unit



Light - Fast - Compact

- Brushless DC technology
- Light weight at 25.4 lbs
- Large backlit display
- Easy-to-read LCD screen
- Twin-cylinder with 2-row oversized condenser for fast recovery

2-year warranty

- Oil-free compressor, suitable for all commonly used refrigerants
- Purge function prevents mixing of various refrigerants

MASTER SERIES

UPC: 811245030635
Unit Dimensions (WxDxH): 14.6" x 9.9" x 11.7"
Carton Dimensions (WxDxH): 15.6" x 10.9" x 13.7"
Unit/Gross Weight: 25.4/29.6 lbs

NRDC4M Recovery Unit



World's First DC 4-Cylinder Recovery Unit Fastest • Most Powerful

2-year warranty

- 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
- Brushless DC technology
- Large backlit display
- Easy-to-read LCD screen
- Dual oil-free compressor, suitable for all commonly used refrigerants

MASTER SERIES

UPC: 811245030642
Unit Dimensions (WxDxH): 17" x 10.7" x 12.2"
Carton Dimensions (WxDxH): 17.5" x 11" x 14"
Unit/Gross Weight: 41.9/45 lbs

CHARGING

NRC62D
 Smart Refrigerant Charging Machine



Smart Charging

- High performance 6 CFM DC dual stage vacuum pump
- Wireless refrigerant scale, precise charging at 0.05% accuracy
- Smart control & Automatic operation

2 year warranty

MASTER SERIES

UPC: 811245031083
 Unit Dimensions (WxDxH): 19.7" x 10" x 14.5"
 Carton Dimensions (WxDxH): 21" x 12" x 15.7"
 Unit/Gross Weight: 38.6/41.1 lbs

REFRIGERANT TOOLS

NVR1
 Valve Core Removal Tool



Fast Recovery and Evacuation

- For use with both 1/4" and 5/16" flare fittings
- Rated for R410A systems
- Vacuum rated to 20 microns

1-year warranty

Case Qty: 5
 UPC: 811245030666 (unit)
 811245031106 (case)
 Dimensions (WxDxH): 5.4" x 6.2" x 1.8" (unit)
 7.2" x 5.6" x 6.4" (case)
 Unit/Case Weight: 0.6/3.4 lbs

NMV1
 Micron Vacuum Gauge



Precise Measurement

- Pirani vacuum sensor
- Professional grade & More precise
- Large backlit display
- Auto power off
- Buzzing alert
- Vacuum level reminder
- Vacuum leakage warning
- Ergonomic design

1-year warranty

Case Qty: 5
 UPC: 811245030062 (unit)
 811245030079 (case)
 Dimensions (WxDxH): 4.4" x 2.2" x 7.2" (unit)
 9.6" x 5.1" x 10.2" (case)
 Unit/Case Weight: 1/6.1 lbs

NML1
 Leak Detector



Precise Measurement

- Semiconductor sensor for precision
- Extended service life
- Rechargeable lithium battery
- Auto power off
- Easy to carry
- Ergonomic design

1-year warranty

Case Qty: 5
 UPC: 811245030086 (unit)
 811245030093 (case)
 Dimensions (WxDxH): 12.1" x 2.9" x 10.6" (unit)
 15" x 12.4" x 11.3" (case)
 Unit/Case Weight: 2.6/15.1 lbs

NRS2i01
 Wireless Refrigerant Scale



Precise Charging

- Wireless bluetooth control
- Auto power off
- Precision sensor with 0.05% accuracy
- Magnesium alloy weighing pan
- 3.3 lbs only, easy to carry
- Large backlit display
- Integrated handle design

1-year warranty

Case Qty: 5
 UPC: 811245030109 (unit)
 811245030116 (case)
 Dimensions (WxDxH): 10" x 3.8" x 12.4" (unit)
 20" x 10.7" x 13" (case)
 Unit/Case Weight: 5.7/30.1 lbs

NRM2D0101
NRM2D0102
 Digital Manifold Gauge



Precision · Impact-Resistant

- Precision pressure gauge with Class 0.4 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- Easy-to-read digital display
- Auto power off
- For 9 commonly used refrigerants
- NRM2D0101 with 3-color hoses
- NRM2D0102 no hoses

2-year warranty

Case Qty: 5
 811245030123 (NRM2D0101 unit)
 811245030130 (NRM2D0101 case)
 811245030147 (NRM2D0102 unit)
 811245030154 (NRM2D0102 case)
 Dimensions (WxDxH): 11.8" x 12.5" x 3.3" (unit)
 17.7" x 12" x 13" (case)
 Unit/Case Weight: 6.4/33.2 lbs (NRM2D0101)
 4.7/24.5 lbs (NRM2D0102)

NRM1D0101
Digital Manifold Gauge



Precision · Impact-Resistant

2 year warranty

- Precision pressure gauge with Class 0.4 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- Easy-to-read digital display
- Auto power off
- For 9 commonly used refrigerants

Case Qty: 5
 UPC: 811245030161 (unit)
 811245030178 (case)
 Dimensions (WxDxH):
 11" x 9.6" x 3.7" (unit)
 19.7" x 11.3" x 10" (case)
 Unit/Gross Weight: 3.8/20.4 lbs

NRM2B0201
NRM2B0301
Manifold Gauge



Precision · Impact-Resistant

1-year warranty

- Precision pressure gauge with Class 1.0 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- 3-color refrigerant hoses included
- NRM2B0201: R-22, R-134a, R-410A
- NRM2B0301: R-22, R-404A, R-410A

Case Qty: 5
 811245030185 (NRM2B0201 unit)
 811245030192 (NRM2B0201 case)
 811245030222 (NRM2B0301 unit)
 811245030239 (NRM2B0301 case)
 Dimensions (WxDxH):
 11.8" x 12.5" x 3.3" (unit)
 17.7" x 12" x 13" (case)
 Unit/Case Weight: 6.4/32.7 lbs

NRM2B0202
NRM2B0302
Manifold Gauge



Precision · Impact-Resistant

1-year warranty

- Precision pressure gauge with Class 1.0 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- NRM2B0202: R-22, R-134a, R-410A
- NRM2B0302: R-22, R-404A, R-410A

Case Qty: 5
 811245030208 (NRM2B0202 unit)
 811245030215 (NRM2B0202 case)
 811245030246 (NRM2B0302 unit)
 811245030253 (NRM2B0302 case)
 Dimensions (WxDxH):
 11.8" x 12.5" x 3.3" (unit)
 17.7" x 12" x 13" (case)
 Unit/Case Weight: 4.6/23.9 lbs

NRM1B0201
NRM1B0301
Manifold Gauge



Precision · Impact-Resistant

1-year warranty

- Precision pressure gauge with Class 1.0 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- 2-color refrigerant hoses included
- NRM1B0201: R-22, R-134a, R-410A
- NRM1B0301: R-22, R-404A, R-410A

Case Qty: 5
 811245030260 (NRM1B0201 unit)
 811245030277 (NRM1B0201 case)
 811245030284 (NRM1B0301 unit)
 811245030291 (NRM1B0301 case)
 Dimensions (WxDxH):
 11" x 9.6" x 3.7" (unit)
 19.7" x 11.3" x 10" (case)
 Unit/Case Weight: 3.8/20.7 lbs

N4A3H
Manifold Gauge



Precision · Impact-Resistant

1-year warranty

- 4 valve, easy-to-use
- Precision pressure gauge with Class 1.0 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- 4-color refrigerant hoses included
- For R-22, R-404A, R-410A refrigerant

Case Qty: 5
 UPC: 811245030765 (unit)
 811245030949 (case)
 Dimensions (WxDxH):
 12.1" x 13.5" x 3.7" (unit)
 17.7" x 14" x 14.4" (case)
 Unit/Gross Weight: 9.5/49.3 lbs

NH5SC
Refrigerant Hose



1/4" Low-Loss Charging Hoses, 5 Ft Long

1-year warranty

- High strength
- Low-loss ball valve
- Suitable for R-410A, R-134a, R-22 and other refrigerants
- 1/4" SAE fittings with 45° bend
- Leak-proof eight-sided crimp
- 800 psi working pressure, 4000 psi burst pressure
- Metal valve handle
- Universal, replaceable gasket

Case Qty: 5
 UPC: 811245031298 (unit)
 811245031304 (case)
 Dimensions (WxDxH):
 10.1" x 10" x 2" (unit)
 11.2" x 11.2" x 6.7" (case)
 Unit/Gross Weight: 2/13 lbs

REFRIGERANT TOOLS

**NHB1
NHB2**
Big Boy Hoses



Big Boy High-Flow Evacuation Hoses

1-year warranty

- High strength
- 1/2" large diameter for fast evacuation
- 4-layer construction for low permeation
- 3200 psi burst pressure, 640 psi working pressure
- Vacuum rated to 20 microns
- 6 feet long
- NHB1: 3/8" to 1/4" fitting
- NHB2: 1/2" to 1/4" fitting

Case Qty: 5
 811245030673 (NHB1 unit)
 811245031151 (NHB1 case)
 811245030680 (NHB2 unit)
 811245031168 (NHB2 case)
 Dimensions (WxDxH):
 12" x 12" x 2" (unit)
 12.4" x 12.4" x 9.4" (case)
 Unit/Case Weight: 2/11 lbs

NHB3
Big Boy Hoses



Big Boy High-Flow Evacuation Hoses

1-year warranty

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

Case Qty: 10
 UPC: 811245030697 (unit)
 811245031175 (case)
 Dimensions (WxDxH):
 7" x 1.2" x 1.3" (unit)
 12.6" x 7.1" x 1.4" (case)
 Unit/Case Weight: 0.4/4.5 lbs

TUBING TOOLS

**NTF66
NTF66C**
Flaring Tool



Accurate Flaring

1-year warranty

- Axial spacing ensures accurate and consistent flaring
- Nitride treatment
- Longer service life
- Robust and durable
- Patented annular rivet connection
- Internal clutch prevents over-torquing
- NTF66C with cutter
- NTF66 no cutter
- Tube OD: 1/4", 1/2", 3/8", 1/2", 5/8", 3/4"

Case Qty: 5
 811245030321 (NTF66 unit)
 811245030338 (NTF66 case)
 811245030345 (NTF66C unit)
 811245030352 (NTF66C case)
 Dimensions (WxDxH):
 10.4" x 9.4" x 2.5" (unit)
 13.4" x 10.7" x 9.8" (case)
 Unit/Case Weight:
 4.7/23.7 lbs (NTF66)
 4.9/28.1 lbs (NTF66C)

NEF6Li
Cordless Power Flaring Tool



Quick Accurate Flaring

2-year warranty

- High performance, large capacity lithium battery
- Variable speed
- Rechargeable
- No power supply needed
- Designed for harsh environment
- Quick and accurate
- High quality flares
- Convenient for narrow space
- Tube OD: 1/4", 1/2", 3/8", 1/2", 5/8", 3/4"

BREAK FREE
CORDLESS SERIES

Case Qty: 4
 UPC: 811245030369 (unit)
 811245030376 (case)
 Dimensions (WxDxH):
 15.7" x 12.7" x 3.7" (unit)
 16.1" x 15.6" x 13.2" (case)
 Unit/Case Weight: 10.6/54.9 lbs

NFG1
Flare Gauge



Precise Measurement

1-year warranty

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

Cast Qty: 10
 UPC: 811245030703 (unit)
 811245031113 (case)
 Dimensions (WxDxH):
 5.1" x 1.6" x 0.2" (unit)
 5.9" x 3" x 1.8" (case)
 Unit/Case Weight: 0.14/1.6 lbs

NTE7
Tube Expander



Easy to Expand

1-year warranty

- 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"

Case Qty: 10
 UPC: 811245030383 (unit)
 811245030390 (case)
 Dimensions (WxDxH):
 12" x 4.9" x 1" (unit)
 12.2" x 5.1" x 10.6" (case)
 Unit/Case Weight: 0.9/10.1 lbs

NTE11H
 Hydraulic Tube Expander



Easy to Expand

- Vacuum sealed hydraulic system, no oil change needed
- Easy to expand
- Suitable for large diameter copper
- Compact design, convenient for narrow spaces

2-year warranty

- Easy one-hand operation
- Reduced labor and improved efficiency
- Tube OD: 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"

Case Qty: 4
 UPC: 811245030543 (unit)
 811245030550 (case)
 Dimensions (WxDxH):
 15" x 10.9" x 2.8" (unit)
 15.8" x 12" x 11.8" (case)
 Unit/Case Weight: 8.2/34.3 lbs

NTC6
 Tube Cutter



Easy to Cut

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

1-year warranty

- Light weight, easy to carry and use
- Tube OD: 1/8"~3/4"

Case Qty: 10
 UPC: 811245030413 (case)
 Dimensions (WxDxH):
 8.9" x 5.1" x 3.9" (case)
 Case Weight:
 3.5 lbs

NTC11
NTC13
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
- NTC11 tube OD: 1/8"~1-1/8"
- NTC13 tube OD: 1/8"~1-3/8"
- NTC15 tube OD: 1/8"~1-5/8"

1-year warranty

Unit/Case Weight:
 NTC11: 0.9/8.8 lbs
 NTC13: 1/10.1 lbs
 NTC15: 1.2/5.8 lbs

Case Qty:
 NTC11/NTC13/NTC15: 10/10/5
 UPC: 811245030420 (NTC11 unit)
 811245030437 (NTC11 case)
 811245030444 (NTC13 unit)
 811245030451 (NTC13 case)
 811245030468 (NTC15 unit)
 811245030475 (NTC15 case)
 Dimensions (WxDxH):
 9" x 5" x 1.5" (unit)
 10.6" x 9.6" x 7.1" (NTC11/13 case)
 9.6" x 5.3" x 7.1" (NTC15 case)

NTR14
 Internal & External Reamer



Easy to Deburr

- Multi-blade alloy steel internal surface
- Easy to deburr

1-year warranty

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

Case Qty: 10
 UPC: 811245030482 (unit)
 811245030499 (case)
 Dimensions (WxDxH):
 2.1" x 2.1" x 2.6" (unit)
 11.2" x 2.3" x 5.7" (case)
 Unit/Case Weight: 0.4/4.9 lbs

NTD28
 Tube Deburring Tool



Easy to Deburr

- Replaceable blades
- 2 spare blades included

1-year warranty

- Compact design
- Easy to carry

Case Qty: 10 (case only)
 UPC: 811245030512 (case)
 Case Dimensions (WxDxH):
 8.9" x 4.1" x 7.9"
 Case Weight: 1.2 lbs

NTK1
 Tubing Tool Kit



Your Favorite NAVAC Tubing Tools

- Includes 5 of NTE7 tube expander, 5 of NTR14 internal/external reamer, 5 of NTC11 tube cutter, 4 of NTC6 tube cutter and MM014 display cartons (set of 2)
- Counter displayable
- Convenient showcase
- Easy to refill

Dimensions (WxDxH):
 13" x 16" x 10.4"