



TABLE OF CONTENTS

FOR A SIMPLIFIED AND HEALTHIER LIFE!	4
Hybrid: full-size systems	6
Hybrid: compact systems	8
Restrained-application systems	10
Light commercial systems	12
Technical specifications	13
Retractable hose systems	14
In-cabinet vacuum concept	15
Cover up to 2,300 sq. ft. with a single inlet	16
Retractable hose - attachment kit	17
High-voltage attachment kit with carpet beaters	18
Low-voltage attachment kit with air-driven carpet beater	20
Attachment kit for hard surfaces	21
Garage attachment	22
Accessories and other parts	23
Warranty	2/









FOR A SIMPLIFIED AND



HYBRID FILTRATION

With its top-of-the-line filtration, Nadair central vacuums will improve air quality in your home. Since their high-efficiency filtration systems are 99.97%, our vacuums may reduce your allergy symptoms and respiratory problems.

Using high-efficiency cyclonic filtration (99.97%) and disposable filtration bags, our vacuums filter vitiated air twice, greatly improving exhaust air quality. When our cyclonic filtration is combined with a permanent machine-washable filter, our units filter exhaust air up to 99.97%.

Triple-layer filtration bags conveniently dispose of waste in the dirt receptacle without stirring up harmful airborne dust. This system filters vacuumed air up to 99.97%. The three layers of the filtration system prevent the bag from ripping.

TECHNOLOGY AND INNOVATION

Whichever Nadair central vacuum unit you choose, you will be cleaning with cutting edge technology!

Our soft-start technology adds 20% to the life expectancy of your NADAIR product's motor (over traditional central vacuums). Our soft-stop three-second delay technology vacuums debris out of the hose. This keeps left-over debris from emptying onto the floor and the elbows of the piping network from getting clogged.

Silent power units also make for healthier lives. To enhance our initial design choice of a quieter and more-efficient motor, we added a noise-blocking foam, like that found in recording studios. Once installed in a closed space, our systems make about as much noise as a wall-mounted air conditioning unit.



HEALTHIER LIFE!

PAYING ATTENTION TO EVERY DETAIL

Our hand-spun aluminum vacuums are robust, yet lightweight. Created with a welding-free cold-spinning technique, our products are optimally solid and non-corroding. Since most central vacuums are installed in damp places, like basements and garages, this attention to detail makes Nadair central vacuums a first choice for durable and long-lasting systems. What's more, aluminum conducts more than half the static electricity of plastic and steel. This means maintenance is also halved!

At Nadair, we have reviewed every element of our design with an eye to our units longevity. We leave nothing to chance. Here are a few examples of NADAIR's attention to detail:

- Our heat protection feature prevents our motors from overheating.
- Our innovative one-piece air-containment gaskets prevent air loss and reduced suction over time

- Our exclusive installation bracket is equipped with rubber vibration and noise-cancelling inserts
- Our debris-canister latches can be installed anywhere on our cylinders, making it easy to empty and put your unit back into its difficult-to-access spot.

EXCLUSIVITY

We understand our customers are looking for personalized systems tailored to their everyday needs. Our dedicated team of authorized dealers and installers will guide you to the central vacuum system that suits your needs.

In addition to this local contact, our bilingual customer service team will be happy to answer any questions



HYBRID:

FULL-SIZE SYSTEMS

351 mm / 13.82 in

POWERFUL

- Vigorous 2-Stage Motor
- SOFT-START TECHNOLOGY Extends product life by 20%¹

SILENT

As quiet as your air-conditioning unit²

HYBRID FILTRATION

- Cyclonic filtration with no loss of suction
- Triple-layer disposable filter bags (22.5 L / 5.8 gal. capacity)
- Empty once or twice a year



Depth: 360 mm / 14.17 in

SMART CONTROL PANEL

- SOFT-STOP TECHNOLOGY Vacuums all debris out of the hose, thanks to a 3-second timed delay
- LED STATUS INDICATOR —
 Informs users of product status
 (time to empty the debris
 container, to change the bag
 or for maintenance)

BOTTOM-LOAD MECHANISM

767 mm / 30.20 ir.

Ensures access for emptying the 32 L. or 8.5 gal. dirt receptacle or replacing the disposable bag, even when the unit is installed up high.

 $^{1. \} Compared \ to \ systems \ without \ soft-stop \ or \ equivalent \ technology.$

^{2.} Compared to average air-conditioning unit.

Up to: **10,000** sq. ft.

Nadair 700AL-32



AIRWATTS 700



SUCTION (in.H20) **141**



NOISE LEVEL (dB)

Perfect for large or multiple homes!

This large capacity and very powerful, yet ultra-quiet, unit can cover up to 10,000 sq. ft. Or, it can also be installed with three retractable hose systems. This unit can be used with a permanent machine-washable cyclonic filtration filter and a triple-layer disposable filtration bag.



Up to: **9,000** sq. ft.

Nadair 600AL-32



AIRWATTS **600**



SUCTION (in.H20)



NOISE LEVEL (dB)

A TRUE HEPA cyclonic filter (FP-12-HEPA, sold separately) is installed on this unit, the level of cleanliness is equivalent to the filtration seen in hospital operating rooms. Filters air at 99.99%.

Perfect for regular-sized homes, large families and their pets!

This large capacity and very powerful, yet ultra-quiet, unit can cover up to 9,000 sq. ft. or be installed with two retractable hose systems. This unit can be used with a permanent machine-washable cyclonic filtration filter and triple-layer disposable filtration bag.



HYBRID: COMPACT SYSTEMS



POWERFUL

- Vigorous 2-Stage Motor
- SOFT-START TECHNOLOGY Extends product life by 20%¹

SILENT

As quiet as your air-conditioning unit²

HYBRID FILTRATION

- Cyclonic filtration with no loss of suction
- Triple-layer disposable filter bags (12.5 L/3.2 gal. capacity)
- Empty once or twice a year

351 mm / 13.82 in



Depth: 360 mm / 14.17 in

SMART CONTROL PANEL

606 mm / 23.80 in

- SOFT-STOP TECHNOLOGY Vacuums all debris out of the hose, thanks to a 3-second timed delay
- LED STATUS INDICATOR —
 Informs users of product status
 (time to empty the debris container, to change the bag or for maintenance)

BOTTOM-LOAD MECHANISM

Ensures access for emptying the 22 L. or 5.8 gal. dirt receptacle or replacing the disposable bag, even when the unit is installed up high.

^{1.} Compared to systems without soft-stop or equivalent technology.

^{2.} Compared to average air-conditioning unit.

Up to: **7,000** sq. ft.

NADAIR 700AL-22



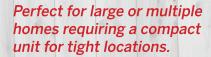
AIRWATTS 700



SUCTION (in.H20)



NOISE LEVEL (dB)



This compact and very powerful, yet ultraquiet, unit can cover up to 7,000 sq. ft. or be installed with three retractable hose systems. This unit can be used with a permanent machine washable cyclonic filtration filter and a triple-layer disposable filtration bag.



Up to: **6,000** sq. ft.

A TRUE HEPA cyclonic filter (FP-8-HEPA, sold separately) is installed on this unit, the level of cleanliness is equivalent to the filtration seen in hospital operating rooms. Filters air at 99 99%

Nadair 600AL-22



AIRWATTS 600



SUCTION (in.H20)



NOISE LEVEL (dB)

Perfect for spacious homes, large families and their pets requiring compact units for tight locations.

This large-capacity and very powerful, yet ultra-quiet, unit can cover up to 6,000 sq. ft. or be installed with two retractable hose systems. This unit can be used with a permanent machine-washable cyclonic filtration filter and a triple-layer disposable filtration bag.



RESTRAINED-APPLICATION SYSTEMS



POWERFUL

- Vigorous 2-Stage Motor.
- SOFT-START TECHNOLOGY Extends product life by 20%¹

SILENT

As quiet as your air-conditioning unit²

TRIPLE-LAYER DISPOSABLE FILTRATION BAGS

12.5 L / 3.2 gal. capacity

290 mm / 11.42 in



Depth: 300 mm / 11.82 in

SMART CONTROL PANEL

- SOFT-STOP TECHNOLOGY Vacuums all debris out of the hose, thanks to a 3-second timed delay
- LED STATUS INDICATOR —
 Informs users of product status
 (time to empty the debris
 container, to change the bag
 or for maintenance)

TOP LOAD MECHANISM

This unique and ultra-compact loading mechanism makes it possible to install the unit in tight spaces, like cabinets.

- 1. Compared to systems without soft-stop or equivalent technology.
- 2. Compared to average air-conditioning unit.

Up to: **5,000** sq. ft.

NADAIR 700AL-18



AIRWATTS 700



SUCTION (in.H20)



NOISE LEVEL (dB)

For large or multiple homes with very tight locations for their central vacuum systems.

This ultra-compact and very powerful, yet ultra-quiet, unit can cover up to 5,000 sq. ft. or be installed with two retractable hose systems. It uses a top-loading mechanism for the installation and maintenance of its 12.5L/3.2 Gal. triple-layer disposable filtration bags that filters the air up to 99.97%.



Up to: **4,000** sq. ft.

NADAIR 600AL-18



AIRWATTS 600



SUCTION (in.H20) **140**



NOISE LEVEL (dB)

For studios, condos, apartments, recreational vehicles or yachts.

Also perfect for a kitchen system!

This ultra-compact and very powerful, yet ultra-quiet, unit can cover up to 4,000 sq. ft. or be installed with two retractable hose systems. It uses a top-load mechanism for the installation and maintenance of triple-layer disposable filtration bags filters the air up to 99.97%.



LIGHT COMMERCIAL SYSTEMS

DURABLE AND **POWERFUL**

- Vigorous 2-Stage Motor with an individual cooling system, this unit may be linked to multiple motor heads to decuplate the vacuum power
- SOFT-START TECHNOLOGY Extends product life by 20%¹

SILENT

As quiet as your air-conditioning unit²

HYBRIDFILTRATION

- Cyclonic filtration with no loss of suction
- Triple-layer disposable filter bags (22.5 L / 5.8 gal. capacity)
- Empty once or twice a year



Depth: 360 mm / 14.17 po

SMART CONTROL

- PANEL
- SOFT-STOP TECHNOLOGY Vacuums all debris out of the hose, thanks to a 3-second timed delay
- LED STATUS INDICATOR —
 Informs users of product status
 (time to empty the debris
 container, to change the bag
 or for maintenance)

BOTTOM-LOAD MECHANISM

Ensures access for emptying the 32 L. or 8.5 gal. dirt receptacle or replacing the disposable bag, even when the unit is installed up high.

Up to: **9,550** sq. ft.

NADAIR 655AL-32



AIRWATTS **655**



SUCTION (in.H20) **115.5**



NOISE LEVEL (dB) **58***

- 1. Compared to systems without soft-stop or equivalent technology.
- 2. Compared to average air-conditioning unit.
- *Only for a main unit equipped with a muffler.

Perfect for light commercial use or very large homes.

This large capacity and very powerful, yet ultraquiet, unit can cover up to 9,550 sq. ft. or be installed with a single retractable hose systems. This unit can be used with either a permanent machine-washable cyclonic filtration filter or a triple-layer disposable filtration bag.

Perfect for light commercial use or very large homes. If needed, the unit can be connected to additional motors. This increases the vacuum power to cover the desired area or may be necessary according to the number of inlets and retractable hoses operating simultaneously.

A TRUE HEPA cyclonic filter (FP-12-HEPA, sold separately) is installed on this unit, the level of cleanliness is equivalent to the filtration seen in hospital operating rooms. Filters air at 99.99%.



TECHNICAL SPECIFICATIONS

HYBRID: FULL-SIZE SYSTEMS

	700-AL-32	600-AL-32	
Width	351 mm	351 mm • 13.82 in	
Depth	360 mm	360 mm • 14.17 in	
Height	767 mm	767 mm • 30.20 in	
Inlet amount	1 to 8	1 to 6	
Retractable hose amount	1 to 3	1 to 2	
Area Coverable (sq ²)	10,000	9,000	
Motor Type	Thru-Flow		
Amperes	15.10	13.80	
Volts AC	110-120		
		Marin Jan	
Waterlift in H₂O	3,568.70 mm 140.50 in	3,578.86 mm 140.90 in	
Airflow	66.17 L/sec 140.20 p³/m	59.98 L/sec 127.10 p³/m	
Air Watts	700	600	
Dust bin capacity	32 L • 8.	32 L • 8.45 gal. US	
Disposable Bag	22.50 L • 5	22.50 L • 5.94 gal. US	
Permanent filter	Polypr	Polypropylene	
Sound level	70 DbA - ASTM	68 DbA - ASTM	

HYBRID: COMPACT SYSTEMS

		700-AL-22	600-AL-22
Width	9 9	351 mm • 13.82 in	
Depth	14/14	360 mm • 14,17 in	
Hauteur	1	606 mm • 23,86 in	
Inlet amount		1 to 8	1 to 6
Retractable hose amo	ount	1 to 3	1 to 2
Area Coverable (sq²)		7,000	6,000
Motor Type	E	Thru-Flow	
Amperes	1	15,10	13.80
Volts AC		110-120	
Waterlift in H ₂ O	4	3,568.70 mm 140.50 in	3,578.86 mm 140.90 in
Airflow		66,17 L/sec 140,20 p³/m	59,98 L/sec 127,10 p³/m
Air Watts	1000	700	600
Dust bin capacity		22 L • 5,81 gal. US	
Disposable Bag		12,50 L • 3,30 gal. US	
Permanent filter		Polypropylene	
Sound level		68 DbA - ASTM	65 DbA - ASTM

RESTRAINED-APPLICATION SYSTEMS

	700-AL-18	600-AL-18
Width	290 mm • 11.42 in	
Depth	300 mm • 11.82 in	
Hauteur	540 mm • 21.25 in	
Inlet amount	1 to 6	1 to 5
Retractable hose amount	1 to 2	1
Area Coverable (sq²)	5,000	4,000
Motor Type	Thru-Flow	
Amperes	15.10	13.80
Volts AC	110-120	
		TOUR TOUR
Waterlift in H ₂ O	3,568.70 mm 140.50 in	3,578.86 mm 140.90 in
Airflow	66.17 L/sec 140.20 p³/m	59.98 L/sec 127.10 p³/m
Air Watts	700	600
Dust bin capacity	18 L • 4.76 US gal.	
Disposable Bag	12.50 L • 3.30 US gal.	
Permanent filter	Polypropylene	
Sound level	62 DbA - ASTM	60 DbA - ASTM

LIGHT COMMERCIAL SYSTEMS

	655-AL-32	
Width	351 mm • 13.82 in	
Depth	360 mm • 14.17 in	
Hauteur	767 mm • 30.20 in	
Inlet amount	1 to 7	
Retractable hose amount	1 and +*	
Area Coverable (sq²)	9,500 and +*	
Motor Type	Tangential	
Amperes	14.70	
Volts AC	110-120	
Waterlift in H₂O	2,933 mm • 115.50 in	
Airflow	66.97 L/sec • 141.90 p³/m	
Air Watts	655	
Dust bin capacity	32 L • 8.45 US gal.	
Disposable Bag	22.50 L • 5.94 US gal.	
Permanent filter	Polypropylene	
Sound level	58 DbA - ASTM	

^{*}If linked to one or multiple additional motor(s)

RETRACTABLE HOSE SYSTEMS

NO MORE CARRYING, COILING OR STORING A BULKY HOSE AGAIN.

Now you can eliminate carrying a bulky hose up and down stairs or from room to room. (No storing it either!) Simply pull out the length of hose needed for the job, connect your choice of attachment and begin vacuuming. It's that easy. When finished, the system uses the suction from the central vacuum power unit to retract the hose into the PVC tubing installed in the walls of your home.

Behind each inlet valve, up to 50 feet of central vacuum hose can be stored in the tubing within your walls. Since longer hoses can also be used (one hose covers up to 2,300 square feet), Hide A-Hose reduces the number of inlet valves required for whole-house coverage. This will save you installation time.

No more dragging a hose from inlet to inlet. No more carrying, coiling and storing a bulky hose. Simple cleanups are just that: simple!









Install one in the kitchen cabinet for quick cleanup!



IN-CABINET VACUUM CONCEPT



COVER UP TO 2,300 SQ. FT. WITH A SINGLE INLET

1. CHOOSE YOUR INLET TYPE

- a. Retractable-hose system INSV-HS4000-WH (white) INSV-HS4000-BK (black)
- b. Dual-function (vacuum and toe-kick in one inlet!) INSV-VS2-WH (white)
- c. Toe-kick sweep INSV-VS-BK (black) INSV-VS-WH (white) INSV-VS-SS (silver)
- d. Traditional INSV-TP-BK (black) INSV-TP-WH (white)













Paintable white inlet to match cabinet color finish or black.

2. CHOOSE YOUR HOSE FOR **QUICK CLEAN-UP**

Chrome hose hanger included.





ACCHO-FLX-30

FLEX: Using the vacuum's suction, the hose compresses from its full length of 30 ft. to a storage length of only 10 ft.

3. CHOOSE THE ATTACHMENT AND TOOL KIT THAT CORRESPONDS TO YOUR FLOOR TYPE.

See next page.

RETRACTABLE HOSE

ATTACHMENT KIT

KIT-RH-40/50/60

- **1.** Retractable hose available in lengths of 40'. 50' and 60'
- 2. Adjustable wand with button lock
- 3. 12" horsehair brush, with straight cut bristles
- 4. Deluxe dusting brush
- 5. Upholstery brush
- 6. Tool for cleaning cracks and crannies
- 7. Deluxe accessory holder bag
- 8. Chrome hose hanger



HIGH-VELOCITY AIR-DRIVEN CARPET BEATER



A must-have for those with carpeted homes who want a retractable hose system

SOLD SEPARATELY

AREAS OF VARYING SIZES
CAN BE COVERED DURING
CLEANING, USING DIFFERENT
LENGTHS OF HOSES:

40' = 1,600 sq. ft.

 $50' = 1,950 \, \text{sq. ft.}$

60' = 2,300 sq. ft.



HIGH-VOLTAGE ATTACHMENT KIT WITH CARPET BEATERS

KIT-06-30/35/40-360W

- 1. German-made carpet beater with SOFT-CLEAN technology
- Adjustable five-height carpet beater makes it possible to clean carpets of every thickness and material
- LEDs light up under furniture
- Available in lengths of 30', 35' and 40'
- Convertible hose wall-mounted end cuff for super-valve inlet systems (sold separately)
- 2. ON-OFF high-voltage carrying hose with pigtail
- 3. High-voltage stainless-steel telescopic wand with a direct-connect system
- 4. Additional adjustable wand with button lock
- 5. German-made hight-capacity 12" horsehair floor brush with double swivel
- 6. Deluxe horsehair dusting brush
- 7. Upholstery brush
- 8. Tool for cleaning cracks and crannies
- 9. Deluxe accessory holder bag
- 10. Chrome hose hanger









Linoleum

Ceramic

10





LOW-VOLTAGE ATTACHMENT KIT WITH AIR-DRIVEN CARPET BEATER

KIT-02-30/35/40-284W

- 1. German-made high-velocity air-driven carpet beater
- · Available in lengths of 30', 35' and 40'
- 2. ON-OFF low-voltage hose with 360° swivelling wall-mounted end cuff
- 3. Adjustable wand with button lock
- 4. 12" horsehair brush with straight-cut bristles
- 5. Deluxe horsehair dusting brush
- 6. Upholstery brush
- 7. Tool for cleaning cracks and crannies
- 8. Deluxe accessory holder bag
- 9. Chrome hose hanger

ldeal for short-hair carpets and rugs



Ceramic





Wood

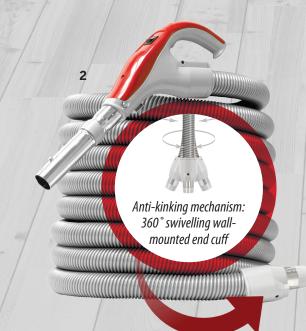












FOR HARD SURFACES



GARAGE ATTACHMENT

KIT-01-30G

- 1. Combo brush
- 2. 30' straight air hose
- 3. Adjustable wand with button lock
- 4. Dusting brush
- 5. Upholstery brush
- **6.** Tool for cleaning cracks and crannies
- 7. Deluxe accessory holder bag
- 8. Chrome hose hanger



3 NDAR 8 1 2 4

MINI AIR-DRIVEN CAR CARPET BEATER

ACC-160-BK



Mini air-driven carpet brush for cars.

SOLD SEPARATELY

PROFESSIONAL TILE FLOOR BRUSH

ACC-285-BK



Floor brush designed for superior cleaning of tiles and concrete floors.

SOLD SEPARATELY

ACCESSORIES AND OTHER PARTS

Available in 3 lengths



Cover up 950 sq. ft.

Cover up 1,250 sq. ft. Cover up 1,600 sq. ft.

UNIVERSAL REPLACEMENT HOSES

LOW-VOLTAGE HOSE: ACCHO-30/35/40LV-SW

- · Fits in most inlets
- ON-OFF feature on the handle
- · Available in lengths of 30', 35', 40'

ANTI-KINKING **MECHANISM**



HIGH-VOLTAGE CARRYING HOSE: ACCHO-30/35/40HV-BK

- · Fits into most inlets
- · ON-OFF feature and on-off for carpet beater feature
- · Available in lengths of 30', 35', 40'
- · Convertible hose with a wall-mounted end cuff for super-valve inlet systems (sold separately)





HOSE ACCESSORIES

UNIVERSAL PADDED HOSE COVER: ACCHO-COV30/35/40ZIP-GY

- · Machine washable
- · Easy-to-install/uninstall zippered hose cover
- · Available in lengths of 32', 37' and 42'

HOSE EXTENSION: ACCHO-15LV-EXT

Low-voltage hose extension of 15 feet for special cases where longer is needed.

TRUE HEPA DISPOSABLE **FILTERS**

Convert your system to the highest standard in the filtration industry. true hepa filtration is the same filtration grade as that used in hospitals.

FP-8-HEPA: HEPA filter for 600AL-22 and 700AL-22.

FP-12-HEPA: HEPA filter for 700AL-32, 655AL-32 and 600AI -32.



TRIPLE-LAYER DISPOSABLE FILTRATION BAGS (pack of 3)

FD-12.5L-3-NAD:

Disposable filtration bags. 12.5 L/3.2 gal. for 600AL-18, 700AL-18, 600AL-22, 700AL-22.

FD-22.5L-3-NAD:

Disposable filtration bags. 22.5 L/5.8 gal. for 600AL-32, 655AL-32 AND 700AL-32.





WARRANTY

The *Nadair Warranty* on the central vacuum system & power unit is only valid for the original owner and is non-transferable. The use of electrical power other than prescribed on the unit and/or any repair(s) made by other than authorized service person will render this warranty null & void. The warranty will also be null & void if the system and/or its accessories have been used on wet surfaces. This warranty is for residential application only; this warranty does not cover commercial or industrial usage of the product. Proof of purchase is mandatory.

The Central Vacuum Power Unit Body - Lifetime (25 years)

Nadair will, at no cost, for twenty five (25) years repair or replace any defective parts of the central vacuum body, housing & dust bin as long as you own it if, used in normal conditions and properly maintained as stated in the power unit instruction manual.

The Central Vacuum Power Unit's Motor & Module - Ten (10) years

Nadair will, at no cost, repair or replace any defective motor or electronic module of the central vacuum power unit for the first ten (10) years following the purchase date if, used in normal conditions and properly maintained as stated in the power unit instruction manual.

Cleaning tools, carpet brushes and flexible hoses, five (5) years

The cleaning tools, the carpet brushes and the flexible hoses used adequately and in normal conditions, are warranted for a period of five (5) years, following the original date of purchase, against manufacturing defects. This warranty does not cover the normal wear of bristles, belts, carbon brushes and rolling bearings of the carpet beaters.

