

n^{cp} Multi-Family Thru-the-Wall Heating & Cooling



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**NATIONAL
COMFORT
PRODUCTS**
HEATING & A/C EQUIPMENT

National Comfort Products
A Division of National Refrigeration and Air Conditioning Products, Inc.
539 Dunksferry Road • Bensalem, PA 19020-5908
(800) 523-7138
www.nationalcomfortproducts.com

Go Thru-the-Wall



Go Thru-the-Wall

OUR HISTORY

National Comfort Products is a leading manufacturer of thru-the-wall heating and air conditioning equipment for the multi-family industry and has been for over 25 years. National Comfort Products markets worldwide through wholesalers who represent the finest in heating and air conditioning products. We have built our reputation on high quality products and fast, efficient service, making National Comfort Products a leader in customer satisfaction.

Here at National Comfort Products, our team is committed to advanced research and development to continuously develop products using the latest advances in energy technology and design.

RESEARCH AND DEVELOPMENT

Our team is comprised of engineering, manufacturing and quality professionals dedicated to creating innovative solutions for advanced technologies. The people at National Comfort Products focus on the complete manufacturing process, from design to quality control, designing advanced heating and air conditioning products which are easier to use, more accurate, and more functional. Our research and development is supported with an in-house lab that can replicate indoor and outdoor temperatures over a wide span.

STATE-OF-THE-ART FACILITY

National Comfort Product's 200,000 square-foot manufacturing facility in Bensalem, PA, features sophisticated metal fabricating equipment, a robotic brake, punching cells, and copper machines.

With new state-of-the-art tooling, including refrigeration charging, leak checking equipment, and metal processing equipment, we ensure that all of our heating and air conditioning equipment meets our high quality standard before it is shipped to our customers. All phases of the manufacturing process from engineering and design to fabrication and assembly are done in-house by our experienced personnel.

CONTACT US

Visit us at www.NationalComfortProducts.com for additional information on any of our products or call us at 800-523-7138.

Go Thru-the-Wall

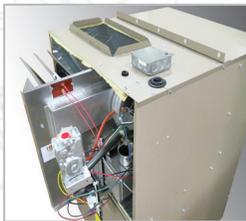
OUR PRODUCTS

Thru the Wall Comfort Packs

Our Comfort Pack, with the options of gas or electric heat and electric cooling, comes in a total self-contained package offering easier installation, access and efficiency. Models range from 0.75 to 2.5 tons and come pre-charged and pre-wired. The heating sections have an input range up to 64,000 Btuh for gas and 15 KW for electric.

All Comfort Pack Units meet Department of Energy requirements.

Comfort Pack Advantages



Gas Non Condensing Furnace Models

80% AFUE
Slide-Out Furnace with Stainless Steel Heat Exchanger



Gas Condensing Furnace Models

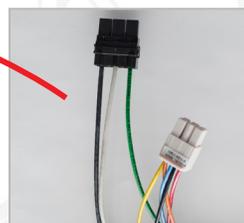
Up to 95% AFUE
Slide-Out Furnace with Stainless Steel Heat Exchanger



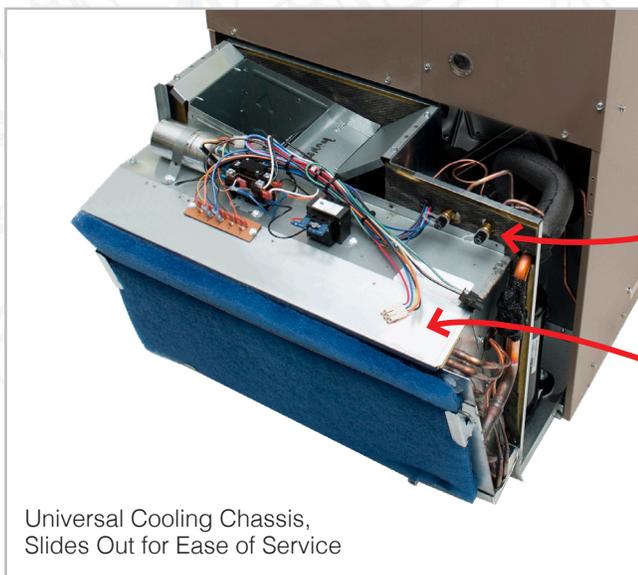
Auxiliary Drain Provides Built In Condensate Overflow Protection



Easy Access Refrigeration Service Ports Utilizing Low Loss Coremax Technology



Polarized Molex Plugs Allowing for Simple Disconnect from Cabinet



Universal Cooling Chassis, Slides Out for Ease of Service

Thru-the-Wall Comfort for all types of Multi-Family Construction

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Comfort Pack U-Series with 80% Gas Heat

11.7 SEER2 – 80% AFUE

Gas Models

CP840928UB	0.75 Ton Cooling	28MBTU Gas Heating
CP841228UB	1 Ton Cooling	28MBTU Gas Heating
CP841238UB	1 Ton Cooling	38MBTU Gas Heating
CP841828UB	1.5 Ton Cooling	28MBTU Gas Heating
CP841838UB	1.5 Ton Cooling	38MBTU Gas Heating
CP841851UB	1.5 Ton Cooling	51MBTU Gas Heating
CP841864UB	1.5 Ton Cooling	64MBTU Gas Heating
CP842428UB	2 Ton Cooling	28MBTU Gas Heating
CP842438UB	2 Ton Cooling	38MBTU Gas Heating
CP842451UB	2 Ton Cooling	51MBTU Gas Heating
CP842464UB	2 Ton Cooling	64MBTU Gas Heating



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5 YEAR
WARRANTY
ON PARTS

5 YEAR
WARRANTY
COMPRESSOR

20 YEAR
WARRANTY
HEAT EXCHANGER

Comfort Pack T Series 2.5 Ton with 80% Gas Heat

11.7 SEER2 – 80% AFUE

Gas Models

CP843051TB	2.5 Ton Cooling	51MBTU Gas Heating
CP843064TB	2.5 Ton Cooling	64MBTU Gas Heating

(The T Series chassis will only fit T Series model cabinets, see Technical Data for new cabinet dimensions.)



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5 YEAR
WARRANTY
ON PARTS

5 YEAR
WARRANTY
COMPRESSOR

20 YEAR
WARRANTY
HEAT EXCHANGER

Go Thru-the-Wall

Comfort Pack U Series with up to 95% Gas Heat

11.7 SEER2 – up to 95% AFUE

Gas Models

CP940925UB	0.75 Ton Cooling	25MBTU Gas Heating	95 AFUE
CP941225UB	1 Ton Cooling	25MBTU Gas Heating	95 AFUE
CP941232UB	1 Ton Cooling	32MBTU Gas Heating	95 AFUE
CP941825UB	1.5 Ton Cooling	25MBTU Gas Heating	95 AFUE
CP941832UB	1.5 Ton Cooling	32MBTU Gas Heating	95 AFUE
CP941843UB	1.5 Ton Cooling	43MBTU Gas Heating	95 AFUE
CP941850UB	1.5 Ton Cooling	50MBTU Gas Heating	93 AFUE
CP942425UB	2 Ton Cooling	25MBTU Gas Heating	95 AFUE
CP942432UB	2 Ton Cooling	32MBTU Gas Heating	95 AFUE
CP942443UB	2 Ton Cooling	43MBTU Gas Heating	95 AFUE
CP942450UB	2 Ton Cooling	50MBTU Gas Heating	93 AFUE



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NOW AVAILABLE!

Comfort Pack T Series 2.5 Ton with up to 95% Gas Heat

11.7 SEER2 – up to 95% AFUE

Gas Models

CP943043TB	2.5 Ton Cooling	43MBTU Gas Heating
CP943050TB	2.5 Ton Cooling	50MBTU Gas Heating

(The T Series chassis will only fit T Series model cabinets, see Technical Data for new cabinet dimensions.)



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Thru-the-Wall Comfort for all types of Multi-Family Construction

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Comfort Pack U Series with Optional Electric Heat Kit 11.7 SEER2 – 2 Stage Electric Heat

Electric Models

CPE40900UB	0.75 Ton Cooling
CPE41200UB	1 Ton Cooling
CPE41800UB	1.5 Ton Cooling
CPE42400UB	2 Ton Cooling

Field Installed Heat Kits

CPEHK-03-B	3 KW Electric Heating
CPEHK-05-B	5 KW Electric Heating
CPEHK-07-B	7 KW Electric Heating
CPEHK-10-B	10 KW Electric Heating
CPEHK-15-B	15 KW Electric Heating (not available for CPE40900UB and CPE41200UB)



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NOW AVAILABLE!

Comfort Pack T Series 2.5 Tons with Optional Electric Heat Kit 11.7 SEER2 – 2 Stage Electric Heat

Electric Models

CPE43000TB	2.5 Ton Cooling
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Field Installed Heat Kits

CPEHK-10-B	10 KW Electric Heating
CPEHK-15-B	15 KW Electric Heating



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Go Thru-the-Wall

Thru the Wall Split System Condensing Units

Our line of split-system condensing units have a capacity range of 1.5 to 2.5 tons. Condensing units are offered in four different cabinet sizes to fit applications with minimum modifications to the existing opening. All of our units are rated per the DOE Standard and are perfect for new multi-family apartment projects.

Thru the Wall Split System Advantages

Our Thru-the-Wall condensing units can be used in new construction for a smaller wall penetration fit or to fit multiple preexisting wall openings for building retrofits for a more appealing exterior.

Thru-the-Wall condensing units save time and money with simple installation, eliminates long refrigerant or electrical runs, as well as theft and vandalism.



1000 Series | with matches up to 12.5 SEER2

NCP4181000B	1.5	Ton Cooling Only	26 1/4" W x 28 5/8" H
NCP4241000B	2	Ton Cooling Only	26 1/4" W x 28 5/8" H
NCP4301000B	2.5	Ton Cooling Only	26 1/4" W x 28 5/8" H

3000 Series | with matches up to 13 SEER2

NCP4183000B	1.5	Ton Cooling Only	24 1/8" W x 32" H
NCP4243000B	2	Ton Cooling Only	24 1/8" W x 32" H
NCP4303000B	2.5	Ton Cooling Only	24 1/8" W x 32" H

4000 Series | with matches up to 12.5 SEER2

NCP4184000B	1.5	Ton Cooling Only	30" W x 23" H
NCP4244000B	2	Ton Cooling Only	30" W x 23" H

5000 Series | with matches up to 14 SEER2

NCP4185000B	1.5	Ton Cooling Only	26 7/8" W x 38 7/8" H
NCP4245000B	2	Ton Cooling Only	26 7/8" W x 38 7/8" H
NCP4305000B	2.5	Ton Cooling Only	26 7/8" W x 38 7/8" H



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Thru-the-Wall Comfort for all types of Multi-Family Construction

Go Thru-the-Wall

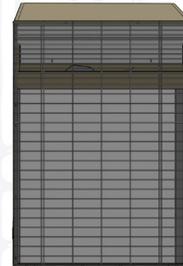
Thru the Wall Split System Heat Pumps

3000 Series Heat Pump

Our 3000 Series heat pump when matched with our NAH air handler will provide a complete system.

3000 Series | with matches up to 12 SEER2 and 6.5 HSPF2

NHP4183000B	1.5	Ton Heat Pump	24 1/8" W x 32" H
NHP4243000B	2	Ton Heat Pump	24 1/8" W x 32" H



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HIGHER EFFICIENCY 5000 Series Heat Pump

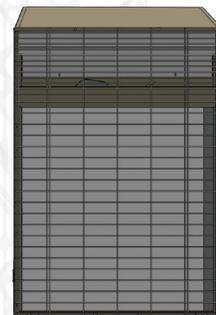
Thru the Wall Split System Heat Pumps

5000 Series Heat Pump

Our 5000 Series heat pump when matched with our NAH air handler will provide a complete system.

5000 Series with matches up to 13.5 SEER2 and 7 HSPF2

NHP4185000B	1.5	Ton Heat Pump	26 7/8" W x 38 7/8" H
NHP4245000B	2	Ton Heat Pump	26 7/8" W x 38 7/8" H
NHP4305000B	2.5	Ton Heat Pump	26 7/8" W x 38 7/8" H



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Go Thru-the-Wall

Air Handlers

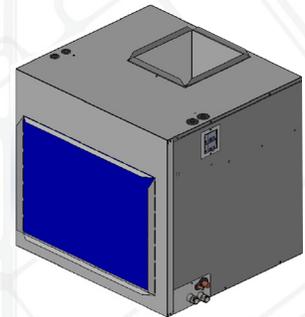
New Multi Family Style Air Handler

NAH424MF*-L*	2 Ton	24" W x 27 3/4" H x 24" 1/2 D
NAH424MF*-R*	2 Ton	24" W x 27 3/4" H x 24" 1/2 D
NAH430MF*-L*	2.5 Ton	24" W x 27 3/4" H x 24" 1/2 D
NAH430MF*-R*	2.5 Ton	24" W x 27 3/4" H x 24" 1/2 D

*Note: L denotes Left Hand Return
R denotes Right Hand Return



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Cased Coil

Adjustable R-410A TXV for optimum performance
Matches available with all NCP Condensing Units

NCC Series - R410A Cased Coil

NCC418AA-1	1.5 Ton	17.50" W x 21.50" D x 20" H
NCC424AA-1	2 Ton	17.50" W x 21.50" D x 24" H
NCC430AA-1	2.5 Ton	21.00" W x 21.50" D x 28" H

*Note: Ready for both left and right hand drain requirements



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Thru-the-Wall Comfort for all types of Multi-Family Construction

Optional Products

Architectural Louver Grilles

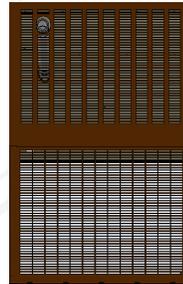
Our louver grilles enhance the appearance of the building, while providing protection from the weather and possible vandalism. Grilles are available in anodized aluminum and in multiple colors.



Comfort Pack
Architectural Louver Grille
(shown in anodized aluminum)



Split-System
Architectural Louver Grille
(shown in anodized aluminum)



Comfort Pack
Powder Coated
Stamped Louver

Architectural Louvers

14269035	1000 Series Aluminum Architectural Louver
14269036	3000 Series Aluminum Architectural Louver
14269037	4000 Series Aluminum Architectural Louver
14269038	5000 Series Aluminum Architectural Louver
14269035-P	1000 Series Painted Architectural Louver
14269035-SP	1000 Series Painted Architectural Louver Sleeve Fit
14269036-P	3000 Series Painted Architectural Louver
14269036-SP	3000 Series Painted Architectural Louver Sleeve Fit
14269037-P	4000 Series Painted Architectural Louver
14269037-SP	4000 Series Painted Architectural Louver Sleeve Fit
14269038-P	5000 Series Painted Architectural Louver
14269038-SP	5000 Series Painted Architectural Louver Sleeve Fit
CPLG	Comfort Pack Aluminum Architectural Louver (Not for use on Condensing Gas Furnace Model)
CPLG-P	Comfort Pack Painted Architectural Louver (Not for use on Condensing Gas Furnace Model)
CPLG-S	Comfort Pack Aluminum Architectural Louver Sleeve Fit (Not for use on Condensing Gas Furnace Model)
CPLG-SP	Comfort Pack Painted Architectural Louver Sleeve Fit (Not for use on Condensing Gas Furnace Model)
CPSG-P	Comfort Pack Powder Coated Sleeve Fit Stamped Louver (Not for use on Condensing Gas Furnace Model)
CPLGX-SP	Comfort Pack Condensing Gas Furnace Painted Architectural Louver Sleeve Fit
CPSGX-P	Comfort Pack Condensing Gas Furnace Powder Coated Sleeve Fit Stamped Louver
CPLGT	Comfort Pack T-Series Aluminum Architectural Louver
CPLGT-P	Comfort Pack T-Series Painted Architectural Louver
CPLGT-S	Comfort Pack T-Series Aluminum Architectural Louver Sleeve Fit
CPLGT-SP	Comfort Pack T-Series Painted Architectural Louver Sleeve Fit
CPSGT-P	Comfort Pack T-Series Powder Coated Sleeve Fit Stamped Louver
CPLGTX-SP	Comfort Pack T-Series Painted Architectural Louvered Grill for 95% Models (Attaches to Wall Sleeve Only) 14269039-P
CPSGTX-P	Standard Intake and Discharged Grille 95% Models Powder Coated Color T-Series (less than 15 per color requires \$200 set up fee)

P = Painted
S = Sleeve Mounted



Scan for Split System
Architectural Options Technical Data



Scan for Comfort Pack
Architectural Options Technical Data

Wall Sleeves

Our wall sleeves are perfect for new construction providing accurate openings during building construction while units remain off-site through construction.



Condensing Unit
Wall Sleeve



Comfort Pack
Wall Sleeve

Wall Sleeves

1000-WSD-12	1000 Series Wall Sleeve
3000-WSD-12	3000 Series Wall Sleeve
4000-WSD-12	4000 Series Wall Sleeve
5000-WSD-12	5000 Series Wall Sleeve
CPWS	Comfort Pack Wall Sleeve
CPWSA	Comfort Pack Wall Sleeve Adapter (for Retrofits)



Scan for Condensing Unit
Technical Data



Scan for Comfort Pack
Technical Data

Condensing Unit Insulated Indoor Cover

The Indoor Sound Cover is to be used with NCP condensing units, properly installed in the WSD Series Wall Sleeve. (Models 1000-WSD-12, 3000-WSD-12, 4000-WSD-12 and 5000-WSD-12 only) When properly installed, the indoor sound is substantially reduced. As well, thermal conductivity from the outdoors is eliminated.

Sound Covers

1000 I.D. COVER	1000 Series Insulated Sound Cover
3000 I.D. COVER	3000 Series Insulated Sound Cover
4000 I.D. COVER	4000 Series Insulated Sound Cover
5000 I.D. COVER	5000 Series Insulated Sound Cover



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Thru-the-Wall Comfort for all types of Multi-Family Construction



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