


Ducane™

AIR CONDITIONING AND HEATING

Carefree and
reliable comfort.





We have been building dependable, durable and efficient Ducane™ heating and cooling products for half a century. That's why we're recognized as one of the top manufacturers in the industry, with products that balance quality, value, comfort and performance.

It's easy to see the difference in quality.

Ducane heating and cooling products are designed to make life more comfortable for you and your customers.

Ducane heating and cooling products are built with a commitment to quality.

- Long-lasting components and durable construction provide years of trouble-free service.
- Simple installation and maintenance reduce your service time.
- Energy-efficient engineering reduces your customers' utility bills*, while no-hassle warranties provide peace of mind.
- A full line of residential products will meet more of your customers' comfort needs.

Quality business services.

Honesty and integrity are important to the way we do business. That's why the quality of our service matches the high quality of Ducane™ products.

Simple installation and maintenance

- Ducane products are built to last, with components such as high-quality compressors and liquid line filter driers.
- Easy installation and maintenance features include service valves set at 45° angles, and cooling units that feature a hinged electrical box.
- Ducane furnaces feature an advanced diagnostic sleeve for troubleshooting, even while the unit is operating.

Excellent customer service

- Ducane products, parts and accessories are easy to order and readily available from distribution points across the country.
- Products are all factory-tested and sized for easy handling and pickup.
- Ducane products have excellent warranties and a trouble-free claim process.
- Current product information and installation instructions can be accessed online.

Financing and extended warranties help you keep customers happy.

It's easier than ever to sell Ducane products with several consumer financing options and a simple, worry-free extended warranty program.

Affordable consumer financing

- The Home Climate Card consumer financing program is a powerful program that enables dealers to be more competitive in today's marketplace.
- Dealers benefit from a competitive contract rate with no cost to them (unless a credit promotion is used).
- Consumers benefit from simple credit approval, no down payment, and affordable low monthly payments.
- Special financing is available for ENERGY STAR® qualified products.

Excellent extended warranty program

- The extended warranty program, Premium Care Plus™, is administered by Equiguard, Inc., America's largest provider of risk management programs for the HVAC industry.
- Enjoy no-hassle claims with minimum paperwork involved.



www.ducanevac.com



High-Efficiency Air Conditioners

Dependable, high-performance Duane™ 13 SEER and 14 SEER air conditioners are designed for easy installation and maintenance. Each unit is built to last and backed with long-lasting warranties.

Easy installation and service

- Every unit is run-tested for dependable startup and charged for 15 feet of interconnecting tubing.
- Electrical panels are easy to access and prewired for easy hookup.
- Hinged control panels and angled service valve gauge ports allow easy access.

Dependable, durable construction

- High-performance compressors are built to last, with internal pressure relief valves and inherent thermal protection.
- Liquid line filter driers of corrosion-resistant copper help keep systems free of moisture and contaminants.
- Heavy-gauge, pre-painted, galvanized cabinets resist corrosion.

Quiet, advanced performance

- High-quality condenser coils with copper tubing and aluminum fins allow maximum heat transfer capability.
- Low-noise compressors and fully enclosed fan motors operate quietly.

* Equipment with R22 refrigerant will receive a 5-year limited warranty on the compressor even if registered for the 10-year parts warranty.

** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.



L model



B model

4AC13 and 2AC13

- 13 SEER or up to 14 SEER with specific AHRI matched systems
- Available with R22 and R410a refrigerants
- 1½- to 5-tons nominal capacity
- Quiet, durable compressor is safeguarded by internal pressure relief valves and inherent thermal protection
- Two coil guard protection options available:
 - Louvered panels provide full metal coil guard ("L models")
 - Hail guard screen protects from fin damage ("B models")
- 5-year limited warranty on R22 refrigerant compressors* and 10-year limited warranty on R410a refrigerant compressors
- 10-year limited warranty on all parts **

2AC14

- 14 SEER or up to 15 SEER with specific AHRI matched systems
- 1½- to 4-tons nominal capacity
- Quiet, durable compressor is safeguarded by internal pressure relief valves and inherent thermal protection
- Two coil guard protection options available:
 - Louvered panels provide full metal coil guard ("L models")
 - Hail guard screen protects from fin damage ("B models")
- 5-Year limited warranty on compressor* and 10-year limited warranty on parts**

High-Efficiency Heat Pumps

High-quality components and advanced engineering make Duane™ 13 SEER and 14 SEER heat pumps the contractor's choice for long-lasting heating and cooling. Prewired for easy installation with simple access to electrical panels, Duane heat pumps are designed to save time and eliminate frustrating repairs.

Designed for easy installation and service

- Factory-wired for simple hook-up, the service valve gauge ports are positioned within easy reach.
- Internal components and electric panels are designed for easy access.
- Permanently lubricated condenser fan motor eliminates the need for annual service.

Built to last

- High-quality compressors are shielded by internal pressure relief valves and inherent thermal protection.
- Liquid line filter driers help protect system from moisture and other contaminants.
- Field-proven, time-temperature defrost system offers 30/60/90-minute adjustable controls for defrosting only when needed.
- "Quiet shift" defrost option for maximum sound control during defrost cycle.

Durable, efficient performance

- Maximum heat transfer capability is the result of high-quality condenser coils with copper tubing and aluminum fins.
- An enclosed fan keeps sound inside the unit where it belongs.
- LED diagnostics for ease of service.

* Equipment with R22 refrigerant will receive a 5-year limited warranty on the compressor even if registered for the 10-year parts warranty.

** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.



L model



B model

4HP13 and 2HP13

- 13 SEER or up to 14 SEER and 7.7 HSPF heating efficiency with specific AHRI matched systems
- Available with R22 and R410a refrigerants
- 1½- to 5-tons nominal capacity
- Quiet, durable compressor is safeguarded by internal pressure relief valves and inherent thermal protection
- Two coil guard protection options available:
 - Louvered panels provide full metal coil guard ("L models")
 - Hail guard screen protects from fin damage ("B models")
- 5-year limited warranty on R22 refrigerant compressors* and 10-year limited warranty on R410a refrigerant compressors
- 10-year limited warranty on all parts **

2HP14

- 14 SEER or up to 15 SEER and 8.2 HSPF heating efficiency with specific AHRI matched systems
- 1½- to 4-tons nominal capacity
- Quiet, durable compressor is safeguarded by internal pressure relief valves and inherent thermal protection
- Two coil guard protection options available:
 - Louvered panels provide full metal coil guard ("L models")
 - Hail guard protects from fin damage ("B models")
- 5-Year limited warranty on compressor* and 10-year limited warranty on parts**

Gas Furnaces

Durable Ducane™ gas furnaces are rated up to 92.1% AFUE to fit a wide range of applications. Designed to be easy to install and service, Ducane gas furnaces are also engineered for dependability. Long-lasting warranties promise years of reliability.

Easy installation and service

- Upflow, downflow and horizontal models give flexibility to all applications.
- Easy-to-use diagnostic sleeve with LED readout allows fast, safe trouble-shooting, even while the furnace is running.

Dependable and durable

- Durable Crimp-Tite™ heat exchangers with weld-free seaming are more reliable than conventional welded designs.
- Direct hot surface ignition and diagnostic controls accurately sense and diagnose all control operations of the gas furnace including the ignition, fan, and related safety circuits.
- Heavy-gauge pre-painted, galvanized steel cabinets protect against corrosion.

Flexible and efficient

- Select from efficiency ratings up to 92.1% AFUE.
- Available connections include humidifiers, electronic air cleaners and continuous fans.



Fits-All 92V™ (CMPEV)

- Upflow/horizontal-left
- 92.1% AFUE
- Two-stage heating inputs range from 50,000-125,000 Btuh
- 1-1/2- to 5-tons cooling capacity
- Variable speed motor and two-stage gas control system help achieve superior comfort and even temperatures
- Crimp-Tite™ aluminized steel heat exchanger with lifetime limited warranty*; 10-year limited warranty on parts**

Fits-All 92™ (CMPEB)

- Upflow/horizontal-left and downflow/horizontal-right models
- 92.1% AFUE offers excellent energy efficiency
- 1-1/2- to 5-tons cooling capacity
- Direct 115V hot surface ignition with LED diagnostics
- Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts**



Fits-All 80V™ (MPGAV)

- Upflow/downflow/horizontal-left or right
- 80% AFUE
- Two-stage heating inputs range from 50,000-125,000 Btuh
- 1-1/2- to 5-tons cooling capacity
- Variable speed motor and two-stage gas control system help achieve superior comfort and even temperatures
- Crimp-Tite™ aluminized steel heat exchanger with lifetime limited warranty*; 10-year limited warranty on parts**

Fits-All 80™ (MPGA)

- Upflow/downflow/horizontal-left or right
- 80% AFUE
- 1-1/2- to 5-tons cooling capacity
- Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts**

* Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no registration). See full warranty at www.alliedair.com for terms, conditions and exclusions.

** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.



Horizontal 80™ (FPBB)

- Dedicated horizontal configuration
- 80% AFUE
- 1-1/2- to 5-tons cooling capacity
- Direct spark ignition system
- Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts**



Dedicated Downflow 80 (DPGB)

- Dedicated downflow needs no field conversion
- Top flue vent
- 80% AFUE
- 1-1/2- to 5-tons cooling capacity
- Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts**

* Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no registration). See full warranty at www.alliedair.com for terms, conditions and exclusions.

** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.

Oil Furnaces

High-quality burners and an efficient airflow system provide consistent operation that doesn't waste fuel. Maximum-durability Ducane™ oil furnaces are easy to install and service. Choose from a wide range of capacities and configurations to provide affordable comfort for just about any home.

Fast, simple installation and maintenance

- Heat exchangers' large clean-out ports are easy to access.
- Slide-out blower design features quick removal for cleaning or service.
- Factory-wired for quicker installation.
- Wiring is color-coded for ease of serviceability.

Long-lasting components and design

- Heavy-duty, 14-gauge steel heat exchangers have durable ceramic fiber combustion chambers.
- Dynamically balanced motors have resilient motor mounts for smooth, quiet operation.
- Cabinets are prepainted for maximum durability.

High-performance engineering

- Beckett® flame retention burners offer efficient combustion.
- An efficient airflow system ensures consistent operation under all operating conditions.
- High-density fiberglass insulation reduces heat loss and sound.



RLUF Upflow

- Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts**



RLBF/R Lowboy

- Internal filter included
- Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts**

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** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.



RLHF/R Horizontal/ Counterflow

- **Lifetime limited warranty on heat exchanger* and 10-year limited warranty on parts****

* Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no registration). See full warranty at www.alliedair.com for terms, conditions and exclusions.

** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.

Packaged Units

Durable compressors and rugged design are combined in a single unit that locks out the elements for years of dependable performance. Ducane™ systems easily fit a variety of applications, as they are specifically developed to reduce installation and service time.

Save time during installation and service

- Side-by-side duct connections quickly convert from horizontal to downshot applications.
- Every unit is fully charged and factory-tested to perform flawlessly as soon as it's installed.
- Important components, such as coils and reversing valves, are located for convenient access behind an easily removable side panel.

Durable design lasts for years

- Dependable components such as high-quality scroll compressors and field-proven controls are designed for years of service.
- Annual maintenance is minimized, thanks to the permanently lubricated condenser fan.
- Heavy-gauge pre-painted cabinetry sheds water and locks out the weather in every season.
- Three-speed direct-drive blower can be easily adjusted for customer comfort.

* Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no registration). See full warranty at www.alliedair.com for terms, conditions and exclusions.

** Equipment with R22 refrigerant will receive a 5-year limited warranty on the compressor even if registered for the 10-year parts warranty.

*** Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.



2SG13B

- Gas/electric single packaged unit
- 13 SEER, 80% AFUE
- 2- to 5-tons cooling capacity
- 68,000–138,000 BTUH heating capacity
- Quiet, efficient scroll compressors are safeguarded by internal pressure relief valves and inherent thermal protection
- Lifetime limited warranty on heat exchanger*, 5-year limited warranty on compressor** and 10-year limited warranty on parts***



2SH13B

- Heat pump single packaged unit
- 13 SEER, 7.7 HSPF
- 2- to 5-tons cooling capacity
- 5-20 kW heating range kits available
- Quiet, efficient scroll compressors are safeguarded by internal pressure relief valves and inherent thermal protection
- 5-Year limited warranty on compressor** and 10-year limited warranty on parts***



2SA13B

- Electric cooling single packaged unit
- 13 SEER
- 2- to 5-tons cooling capacity
- 5-20 kW heating ranges
- Quiet, efficient scroll compressors are safeguarded by internal pressure relief valves and inherent thermal protection
- 5-Year limited warranty on compressor** and 10-year limited warranty on parts***

Enhanced Air Handlers with Variable Speed and Evaporator Coils

Ducane™ air handlers and evaporator coils feature durable components and excellent construction for long-lasting reliability. And drain pans are treated with Microban® antimicrobial protection, which inhibits growth of mold, mildew and bacteria to help improve indoor air quality.

Simple wiring and installation of air handlers

- Our air handlers feature thorough, easy-to-follow installation instructions and wiring diagrams.
- Electrical connections can be made on the top, left or right side.
- Kits are available to easily convert to counterflow.

Long-lasting, reliable air handlers

- Heavy-gauge, pre-painted galvanized steel prevents corrosion.
- Dynamically balanced blowers eliminate vibrations so the system runs smoothly and quietly.

Fast installation of evaporator coils

- Screw mounting holes are predrilled for easy attachment.
- Refrigerant line connections arrive pre-swaged.
- Coils are individually tested at 450 PSI, then pressurized with dry nitrogen and sealed.

Reliable materials create durable evaporator coils

- High-temperature polymer is used for drain pans and include Microban® treatment.
- Independent tests show our drain pans help reduce the amount of mold and mildew that can grow on the coil.

* Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered within 60 days to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. See full warranty at www.alliedair.com for terms, conditions and exclusions.



RBCS2 ** V Air Handlers

- Achieve efficiency of 13 SEER with specific AHRI matched systems
- 2- to 5-tons sizes
- Upflow and horizontal
- One-piece design for easier installation
- Multiposition–Upflow/Horizontal Left/Right
- Counterflow kit
- Single point power kit
- TXV kit
- Threaded gauge ports for easy internal TXV assembly
- Suitable for use with R22 and R410a refrigerants
- Available with TXVs installed
- 10-Year limited warranty on parts when applied with an ARI matched system*

Evaporator Coils

- All coils are compatible with R22 or R410a refrigerants
- All drain pans are compatible with UV lights
- 10-Year limited warranty when applied with an ARI matched system*



EU1P

- Uncased; upflow/counterflow for application flexibility



EC1P

- Cased; upflow/counterflow for application flexibility



EM1P

- Cased; upflow/horizontal for application flexibility



EH1P

- Cased; dedicated horizontal

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