A woman with long, wavy brown hair, wearing a beige knit cardigan over a light pink top, is smiling and holding a white mug. She is sitting in a modern, brightly lit room with large windows in the background. To her right is a tall, white vertical fan coil unit with a control panel at the top and a large vent at the bottom.

Retrofit Vertical Stack Fan Coil — 2 Pipe & 4 Pipe

APARTMENTS | CONDOS | ASSISTED LIVING | HOTELS | RESORTS

PRODUCT SPECIFICATIONS
RETRO - 2 PIPE & 4 PIPE
DRAW THROUGH AND BLOW THROUGH

A simple solution for replacing vertical stack fan coils – Unilux Retrofit VFC

Vertical stack fan coil (VFC) HVAC systems have been providing high-rise residents with effective and efficient heating and cooling for many years. Unilux VFC systems are extremely durable and operate (with only minor regular maintenance) for over 20 years. Since these individual HVAC units are built into the original building construction in a small enclosed footprint, they've been difficult, expensive and disruptive to replace – **until now.**

Unilux Retrofit VFC units feature:

- High-efficiency ECM motors significantly reduce electrical consumption and are much quieter
- Up-to-date electronics, efficient coils and air-flow systems greatly enhance heating and cooling capacity
- Compact modular design fits through existing door opening and inside current footprint
- Flex hoses simply connect to existing water sources inside the current cavity
- Stainless-steel construction with a fully-welded stainless-steel drain pan

Homeowner benefits:

- No need to repair drywall, paint, etc.
- Installation only takes a few hours by a qualified technician
- More efficient and quiet HVAC operation with much greater heating/cooling capacity
- No need to replace access panel or grilles
- Many years of trouble-free performance

Unilux Retrofit VFC configurations:

- Two pipe & four pipe
- Draw-through & blow-through configurations available
- 350 CFM, 450 CFM, 600 CFM, 800 CFM & 1000 CFM

Optional Equipment includes:

- Replacement thermostat
- Replacement access panel
- Replacement supply grilles
- Air filters

Standard unit features are listed on the back of the brochure.

Full-service replacement now available from www.uniluxrfc.com

Visit our website or call **800-337-3967** to learn more about breathing better air.





Unilux Retrofit 2-Pipe & 4-Pipe VFC

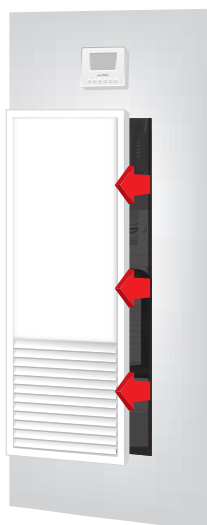
Our original-construction fan coils have been in condos, hotels and apartments for over 40 years. The Unilux RFC retrofit solution is designed to meet the same standards in quality and longevity.

A manufacturer-approved technician will arrive at your residence with the retrofit unit and take care of all aspects of the installation. In just a few hours, you'll have an all-new system with up-to-date components which will provide efficient heating, cooling and ventilation for many years.

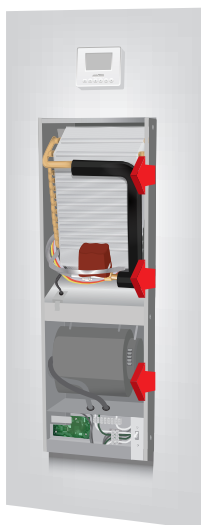
Step 1
Access VFC



Step 2
Remove panel



Step 3
Remove existing VFC



Step 4
Clean wall cavity



A technician will remove the current access panel and remove the existing VFC components.

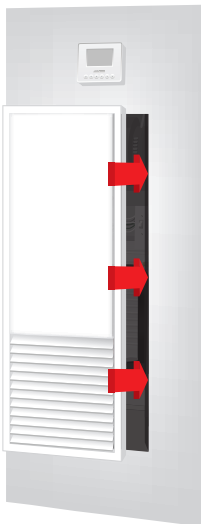
Step 5
Re-insulate cavity



Step 6
Insert Unilux Retrofit VFC



Step 7
Replace panel



Step 8
Clean up area



A technician will install the Unilux Retrofit VFC components into the cavity, make water and electrical connections and then install your access panel and start up your brand new Unilux RFC.

Unilux Retrofit VFC - Standard Features

Unilux vertical stacked fan coil units meet the requirements of UL 1995 / CSA22.2 #236 – Issue 2011 Standard for safety heating and cooling equipment.

1. Cabinet:

20-gauge stainless steel. Cabinet is fully insulated with closed cell insulation.

350-600 CFM Dimensions – 22 1/2" H x 13 1/2" W x 14" D + 13" H blower

800-1000 CFM Dimensions – 24" H x 18 1/2" W x 17 1/2" D + 13" H blower

2. Coil assembly:

Coils corrugated aluminum fins mechanically bonded to 1/2" OD Copper tube. The number of rows and circuiting are selected to suit scheduled capacities. Coils are rated for a minimum working pressure of 450 psig.

3. Fan assembly:

A thermally-protected, multi-speed ECM motor is resiliently mounted to a centrifugal fan which has a galvanized steel forward curved DWDI wheel in a painted housing.

4. Stainless steel drain pan assembly:

Drain pan assembly is fully TIG welded to ensure the pan never rusts or leaks.

5. The piping branches:

Are constructed with 1/2" type "L" copper, and stainless steel braided flex hoses to provide expansion and contraction of risers; include shut-off ball valves with flare nuts in the supply and return branches for easy removal.

6. Control valve package:

Standard factory assembled 2-way control valve with flare nuts connection to piping branches to facilitate easy removal without using torch or pipe cutters, motorized electrical "on/off" controlling. Control valves are piped normally-closed to the coil. Maximum entering water temperature on the control valve shall be 200°F, and maximum operating pressure shall be 300 psig.

7. Thermostat:

Programmable and multiple fan speed control thermostat options available.

8. Drain pan overflow sensor

Installed drain pan overflow sensor detects rising drain pan levels and turns off unit to prevent flooding.

Optional Equipment

1. Access panel:

Access panel assembly is constructed of 20 gauge steel complete with a durable baked enamel powder finish, with integral grille for the return air opening. The panel is hinged removable to allow for easy filter exchange. The integral core grille has fixed horizontal louvers.

2. Grilles and registers:

Double deflection supply grilles and registers have adjustable vertical or horizontal louvers. Registers constructed with light gauge steel complete with adjustable opposed blade dampers.

3. Filters:

Multiple filter options available.

4. Electric heating element:

1.5KW auxiliary electric heater, featuring single stage with an open wire nickel-chrome element carried in floating ceramic bushing.

5. Flex hose kits:

Flex hose kits available to connect to existing water sources. Come in various lengths.

6. Valves:

3-way valves available.

BA-19-29153

Our ever-improved, state-of-the-art designs are demanded by today's best developers, engineers and owners. Contact us to learn why Unilux RFC is the preferred choice of professionals throughout North America for vertical fan coils.



1445 N. State Parkway, Suite #1701
Chicago, IL 60610

Office: 800-337-3967
info@uniluxrfc.com



www.uniluxrfc.com