

/// NEW FAN COILS

/// BLOWER COILS

/// AIR HANDLERS



NEW PRODUCT OFFERING

**SUPERIOR**

**REX**

## Continuing Excellence

Since the 1980s, Superior Rex has manufactured/sold an extensive range of fan coils and air handlers in the global marketplace. Built upon years of innovation, our products are designed to provide reliability, efficiency and longevity.

From modern production facilities in Largo, FL and Ft. Worth, TX, Superior Rex produces a wide range of high-quality units — including custom builds — that are relevant with national standards, vigorously tested, and labeled before being released for shipment. Products are offered with a one-year factory warranty.

We strive to meet the ever-changing needs of our customers and the air-distribution industry. Should you have any questions/comments, please do not hesitate to contact us or your local Superior Rex sales representative.

# NEW FAN COILS — VERTICAL HIGH-RISE SERIES

RAVS

RAVM

RAVL

RARS

RAVE

RARM

RVRP Riser

Superior Rex new fan coils are the clear choice in the industry. They are designed and engineered for a wide range of applications including: apartments and condominiums, hotels, motels, schools and universities, hospitals and nursing homes.

## RAVS

### Vertical High-Rise Stand Alone

Factory assembled, vertical high-rise building RAVS fan coils are designed for free-blow or ducted, concealed installations, suitable for hotel, motel and apartment building applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Single or Double Supply outlets and Sight and sound baffles available



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## RAVM

### Vertical High-Rise Primary Twin Pack

Factory assembled, vertical high-rise building RAVM primary fan coils are designed for free-blow or ducted, concealed installations, suitable for hotel, motel and apartment building applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Fire rated wall plenum and Sight and sound baffles available as options

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## RAVL

### Vertical High-Rise Secondary Twin Pack

Factory assembled, vertical high-rise building RAVL secondary fan coils are designed for free-blow or ducted, concealed installations, suitable for hotel, motel and apartment building applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Fire rated wall plenum and Sight and sound baffles available as options



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## RARM

### Vertical Stack Recessed High-Rise Remote Primary

Factory assembled, vertical high-rise building RARM primary fan coils stand alone with riser water connections ready for a remote secondary unit RARS. It is designed for free-blow or ducted, concealed installations, suitable for hotel, motel and apartment building applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Fire rated wall plenum and Sight and sound baffles available as options

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## RARS

### Vertical High-Rise Secondary Shipped Seperate

Factory assembled, vertical high-rise building RARS secondary fan coils stand alone with riser water connections ready for a remote primary unit RARM. It is designed for free-blow or ducted, concealed installations, suitable for hotel, motel and apartment building applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Fire rated wall plenum and Sight and sound baffles available as options



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## RAVE

### Vertical High-Rise Exposed Cabinet

Factory assembled, vertical high-rise building RAVE fan coils are designed for exposed floor standing applications such as public buildings, hotels, motels, apartments, hospitals and general commercial applications. RAVE cabinet is built with 18 gauge highly durable powder coated steel to provide high quality finish to any space.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed EC motor available for higher energy efficiencies
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Single or Double Supply outlets and Sight and sound baffles available

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## RVRP Riser

### Vertical High-Rise Riser

Factory assembled or shipped loose risers are pressure tested before shipping. Ship loose riser offers flexibility in terms of installation and keeps the units away from the construction debris during riser testing and installation minimizing the damage.

#### Features and Benefits

- Type M or L copper with swaged connections
- 3/4" to 3" diameters and 100" to 120" length available
- 1/2" and 3/4" closed cell insulation
- Type M copper condensate/Drain Riser
- Riser extensions, caps and covers available
- Ship in advance risers



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# NEW FAN COILS — VERTICAL BASIC SERIES

**RBVR**

Superior Rex new fan coils are the clear choice in the industry. They are designed and engineered for a wide range of applications including: apartments and condominiums, hotels, motels, schools and universities, hospitals and nursing homes.

**RBVS**

**RBVC**

## RBVS

### Vertical Slant Top Cabinet

Factory assembled, vertical blow-thru, slim and attractively styled RBVS Slope top fan coils are designed for exposed floor standing applications such as public buildings, hotels, schools, hospitals and general commercial applications.

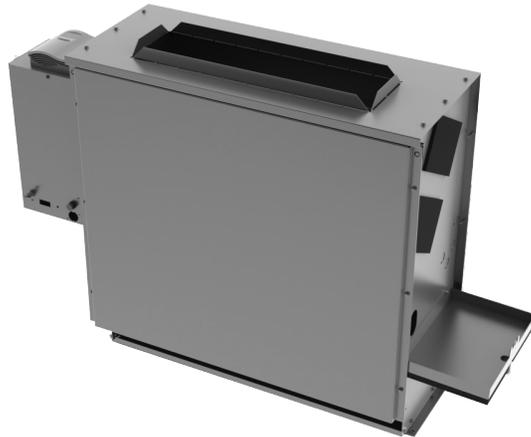
#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed and Variable speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Angle stamped discharge top / grille, wall box and return air toe kick available as options
- Removable end pockets for ease of installation



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## RBVR

### Vertical Concealed Floor Mount

Factory assembled, vertical blow-thru, ducted RBVR fan coils are designed for concealed installations inside a closet or furred-in under a window and ducted, for projects such as public buildings, hotels, schools, hospitals and general commercial applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed and Variable speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quiet operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Top discharge air flange and decorative wall recessing panels available



## RBVC

### Vertical Flat Top Cabinet

Factory assembled, vertical blow-thru, slim and attractively styled RBVC Flat top fan coils are designed for exposed floor standing applications such as public buildings, hotels, schools, hospitals and general commercial applications.



#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard High-efficiency 3 speed and Variable speed EC motor available for higher energy efficiencies
- High-efficiency motor, SCR, DWDI blowers and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Flat stamped discharge top / grille, wall box and return air toe kick available as options
- Removable end pockets for ease of installation

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# NEW FAN COILS — HORIZONTAL LOW PROFILE SERIES

**RBHO**

Superior Rex new fan coils are the clear choice in the industry. They are designed and engineered for a wide range of applications including: apartments and condominiums, hotels, motels, schools and universities, hospitals and nursing homes.

**RBHC**

**RBHR**

## NEW PRODUCT OFFERINGS

### RBHO

#### Horizontal Low Profile Concealed Free Return

Factory assembled, horizontal blow-thru ducted RBHO fan coils are designed for concealed installations above the ceiling and are suitable for projects such as hotels, motels, condominiums and general commercial applications.



#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency motor, Solid State Relays and Electric heat control available for quiet operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Double Width Double Inlet (DWDI) direct driven blowers of the whisper quiet type

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## RBHC

### Horizontal Low Profile Exposed Cabinet

Factory assembled, horizontal blow-thru RBHC fan coils are designed for exposed ceiling installations free blowing into the space suitable for projects such as hotels, motels, condominiums and general commercial applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed and Variable speed constant RPM EC motor available for higher energy efficiencies
- High-efficiency motor, Solid State Relays and Electric heat control available for quiet operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available

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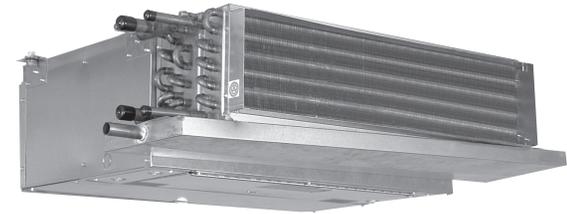
## RBHR

### Horizontal Low Profile Plenum Return

Factory assembled, horizontal blow-thru ducted RBHR fan coils are designed for concealed installations above ceilings with ducted return and discharge air and are available with DWDI whisper quite blowers. Suitable for projects such as hotels, motels, condominiums and general commercial applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed and Variable speed constant RPM EC motor available for higher energy efficiencies
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Field Reversible for either Bottom or Rear Return



# NEW FAN COILS — HORIZONTAL HIGH PERFORMANCE SERIES

RAHO

Superior Rex new fan coils are the clear choice in the industry. They are designed and engineered for a wide range of applications including: apartments and condominiums, hotels, motels, schools and universities, hospitals and nursing homes.

RAHC

RAHR

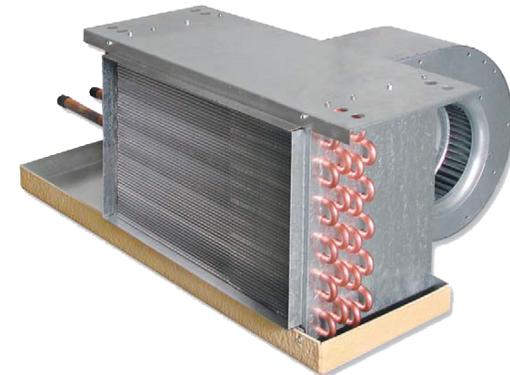
## RAHO

### Horizontal High Performance Concealed Free Return

Factory assembled, horizontal blow-thru, high-output RAHO ducted fan coils are designed for concealed installations above ceilings with ducted air discharge and suitable for projects such as hotels, motels, condominiums and general commercial applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3-row coil suitable for a 2-pipe system
- High-efficiency motor, Solid State Relays and Electric heat control available for quiet operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Double Width Double Inlet (DWDI) direct driven blowers of the whisper quiet type





## RAHC

### Horizontal High Performance Exposed Cabinet

Factory assembled, horizontal blow-thru, high-output RAHC fan coils are designed for concealed or exposed ceiling installations free blowing into the space and are available with DWDI whisper quite blowers. Suitable for industrial and commercial applications.

#### Features and Benefits

- Performance AHRI Certified to Standard 440
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed and BLDC EC motor available for higher energy efficiencies
- High-efficiency motor, Solid State Relays and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Access panels are available with quick turn fasteners
- Return and Discharge available with double/single deflection grille or duct options
- Anti-vibration mounts for field installation

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# RAHR

## Horizontal High Performance Plenum Return

Factory assembled, horizontal blow-thru, ducted high-output RAHR fan coils are designed for concealed installations above ceilings with ducted return and discharge air. RAHR are available with DWDI whisper quite blowers and are suitable for projects such as hotels, motels, condominiums and general commercial applications.

### Features and Benefits

- Performance AHRI Certified to Standard 440
- ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- High-efficiency 3 speed and BLDC EC motor available for higher energy efficiencies
- High-efficiency motor, Solid State Relays and Electric heat control available for quite operations
- Chilled Water, Hot Water and DX coils with factory mount or field install piping package available
- Mixing box with dampers with field reversible damper location
- Field Reversible for either Bottom or Rear Return



# BLOWER COILS — HORIZONTAL & VERTICAL BELT DRIVE SERIES

**SBH**

**SBV**

**SSL**

**SBS**

Superior Rex horizontal and vertical belt drive blower coils offer a wide range of application flexibility, while maintaining a simple, easy to install unit design. These units are intended to provide comfort cooling and heating within a small footprint. They may be applied in many types of building structures including schools, office buildings, hospitals, condominiums, assisted living facilities, apartments and stores. Applications can be constant or variable volume.

## SBH

### Horizontal Belt Drive Blower Coil

Superior Rex horizontal belt drive blower coils offer a wide range of application flexibility, while maintaining a simple, easy to install unit design. These units are intended to provide comfort cooling and heating within a small footprint. They may be applied in many types of building structures including schools, office buildings, hospitals, condominiums, assisted living facilities, apartments and stores. Applications can be constant or variable volume.

#### Features and Benefits

- Mixing boxes with standard low-leak dampers, high-efficiency filter sections for 2" prefilter and 4" final filter
- Fiberglass-insulated cabinets, main incoming-power disconnect (non-fused), fusing (main), magnetic contractors, and fan control package with heater interlock contacts
- Blow-through electric heat with single-point power connection
- Meets all N.E.C. requirements and is cETL listed in compliance with UL/ANSI Std. 1995
- Hot water, chilled water and direct expansion coils, steam, cold water/hot water changeover available for all models
- 800 - 4000 cfm nominal airflows



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## SBV

### Vertical Belt Drive Blower Coil

Superior Rex vertical belt drive blower coils offer a wide range of application flexibility, while maintaining a simple, easy to install unit design. These units are intended to provide comfort cooling and heating within a small footprint. They may be applied in many types of building structures including schools, office buildings, hospitals, condominiums, assisted living facilities, apartments and stores. Applications can be constant or variable volume.

#### Features and Benefits

- Mixing boxes with standard low-leak dampers, high-efficiency filter sections for 2" prefilter and 4" final filter
- Fiberglass-insulated cabinets, main incoming-power disconnect (non-fused), fusing (main), magnetic contractors, and fan control package with heater interlock contacts
- Blow-through electric heat with single-point power connection
- Meets all N.E.C. requirements and is cETL listed in compliance with UL/ANSI Std. 1995
- Hot water, chilled water and direct expansion coils, steam, cold water/hot water changeover available for all models
- 800 - 4000 cfm nominal airflows



## SSL

### Vertical Reduced Footprint, Bottom Return Blower Coil

Superior Rex bottom return belt drive blower coils offer a wide range of application flexibility, while maintaining a simple, easy to install unit design. These units are intended to provide comfort cooling and heating with a small footprint. They may be applied in many types of building structures including schools, office buildings, hospitals, condominiums, assisted living facilities, apartments or stores. Applications can be constant or variable volume.

#### Features and Benefits

- Low-leak dampers with 2" filters
- Maximum flexibility for selection and installation where extreme space restrictions exist
- Blow-thru electric heat with single-point power connection
- Meets all N.E.C. requirements and is cETL listed in compliance with UL/ANSI Std. 1995
- Hot water, chilled water, steam, and direct expansion coils; cold water/hot water changeover available for all models
- Inherent flexibility of the fan and coil combination for sound-sensitive areas
- 800 - 3000 CFM nominal airflows





## SBS

### Vertical Reduced Footprint, Rear Return Blower Coil

Superior Rex rear return belt drive blower coils offer a wide range of application flexibility, while maintaining a simple, easy to install unit design. These units are intended to provide comfort cooling and heating with a small footprint. They may be applied in many types of building structures including schools, office buildings, hospitals, condominiums, assisted living facilities, apartments or stores. Applications can be constant or variable volume.

#### Features and Benefits

- Low-leak dampers with 2" filters
- Floor-mounted unit with external vibration isolation on a base rail
- Maximum flexibility for selection and installation where extreme space restrictions exist
- Blow-thru electric heat with single-point power connection
- Meets all N.E.C. requirements and is cETL listed in compliance with UL/ANSI Std. 1995
- Hot water, chilled water, steam, and direct expansion coils; cold water/hot water changeover available for all models
- Inherent flexibility of the fan and coil combination for sound-sensitive areas
- 800 - 3000 CFM nominal airflows



# MODULAR AIR HANDLERS

## SBM

Small air handlers, sometimes referred to as blower coils, are intended for common areas and large meeting rooms in hotels, condominiums, universities and hospitals. These products are natural companions to Superior Rex fan coils, yet air handlers supply greater airflow and coil capacity. With a wide variety of options and standard features, Superior Rex air handlers provide design flexibility with belt-driven fans, multi-row coil capability and various factory options.



## SBM

### Commercial Indoor Modular Air Handler

SBM design allows you to configure draw-thru applications in horizontal, vertical and footprint saving arrangements. The SBM sets the new standard for quality, flexibility and competitive pricing. This product is engineered to satisfy the most basic air-handling requirements.

#### Features and Benefits

- Modular construction allows footprint savings by stacking modules in two-high configuration
- Single wall and double wall-galvanized construction equipped with removable access panels/hinged doors for improved accessibility and serviceability
- Hot Water, Chilled Water, Steam, and Direct Expansion (DX) coils available
- Blow-thru electric heat with single point power connection
- Customized options including double-sloped IAQ galvanized drain pan, direct drive plenum fans, high-efficiency filters, double wall perforated lining, external face and bypass dampers, and inspection windows
- 600 - 10,000 CFM nominal airflows

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**SUPERIOR**

**REX**

