



FAN COIL & AIR HANDLER PRODUCTS

A market leader in providing high quality HVAC products.



ALL
PRODUCTS

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FAN COIL CERTIFICATIONS



ETL LISTED

Williams horizontal fan coils are listed by Intertek (ETL). The ETL listing ensures that Williams horizontal have been examined by ETL and comply with the organization's applicable standards. ETL's re-examination service includes periodic visits by ETL inspectors to Williams' factory to ensure continued compliance for all listed products. Materials and equipment acceptance for use by the New York Department of Buildings: AH 008-120 / MEA 414-05-E



AHRI CERTIFIED

Williams horizontal fan coils are labeled and approved by the Air Conditioning, Heating & Refrigeration Institute (AHRI). This designation signifies that Williams horizontal fan coil units have been rated as follows in accordance with the latest edition of ANSI / AHRI 440 with Addendum 1 Performance Rating of room fan coils and subject to rating accuracy by AHRI sponsored, independent, third-party testing.



ALS-TRUESDAIL CERTIFICATION MARK FOR DRINKING WATER SYSTEM COMPONENTS - HEALTH EFFECTS

Certified Product and/or packaging, and/or documentation certified to both NSF / ANSI 61 and NSF/ANSI 372 by Truesdail shall bear this Certification mark to identify the compliance.

MORE THAN JUST FAN COILS

For over 100 years, Williams has been a market leader in providing high quality HVAC products for residential and commercial buildings. Today, Williams continues the proud tradition by offering to the commercial/industrial market more configurations and size options of quality fan coils and blower coils/air handlers than any other HVAC company in North America.

Williams is based in Colton California, serving all US and overseas markets with complete application engineering, sales, marketing and administrative services.

Our pledge is to provide complete, high quality and timely support for the successful completion of your construction projects involving engineered products offered by Williams. We believe in a partnering attitude that creates superior projects and high levels of satisfaction.

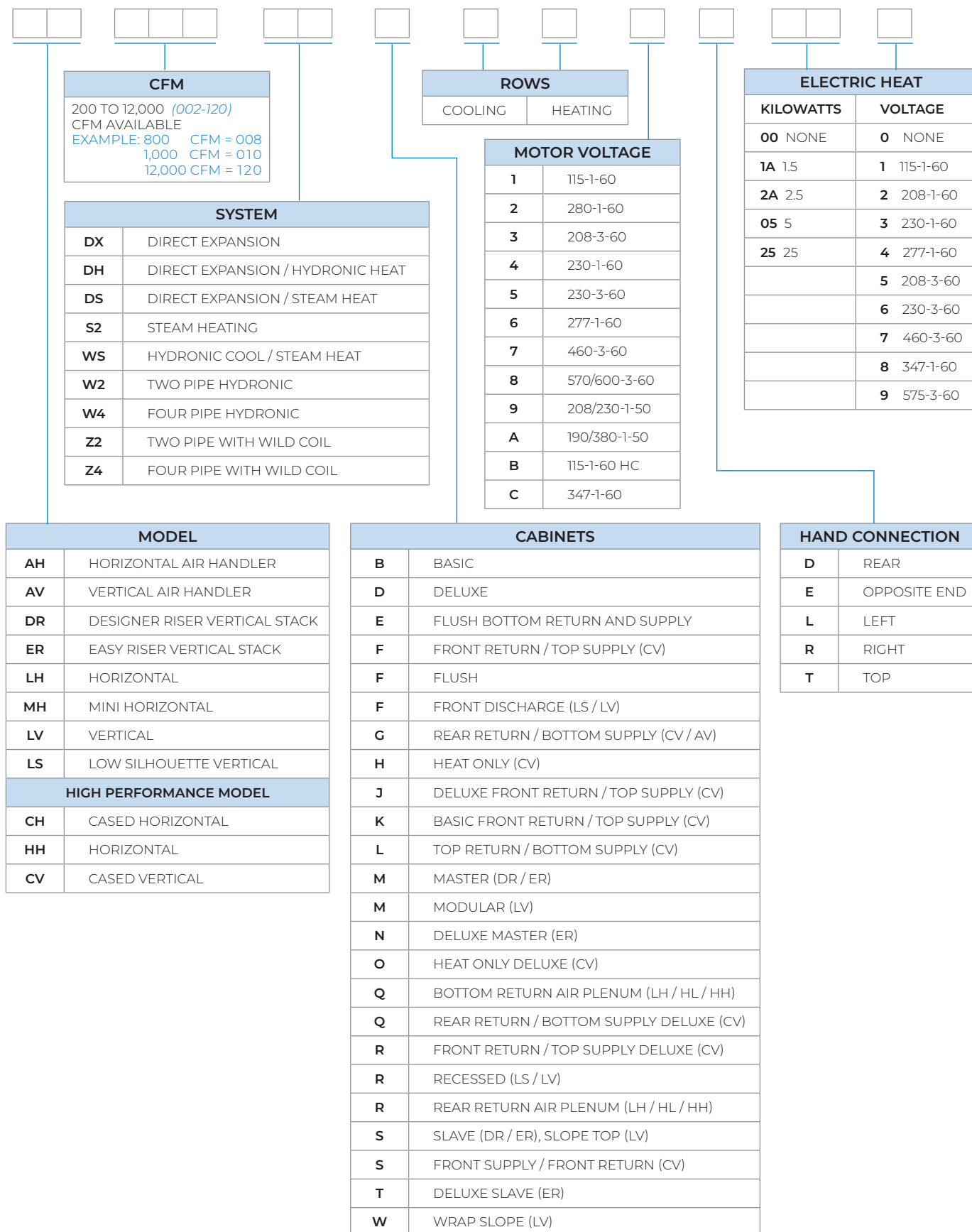


COLTON, CALIFORNIA

FAN COIL ASSEMBLY

AIR HANDLER ASSEMBLY

WILLIAMS FAN COIL AND AIR HANDLERS MODEL IDENTIFICATION SYSTEM

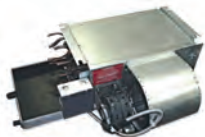


HORIZONTAL FAN COILS

200 - 1,200 CFM

HORIZONTAL BASIC / LH-B

The low profile and flexible design of the Horizontal Basic fan coil (LH-B/low static and B/high static) is ideal for multiple applications. The slim, compact design is well suited for drop-ceiling, closet, hallway and other concealed applications. The Horizontal Basic comes with a powder coated epoxy drain pan and a wide range of coil, motor and controls options. These models have no exterior cabinet.



HORIZONTAL WITH RETURN AIR PLENUM / LH-R

The Horizontal with Return Air Plenum (LH-R/low static and R/high static) is our basic model with a galvanized rear return air plenum. Ideal for mounting above ceilings, in closets, hallways and bathroom areas, the plenum conceals the unit's blower motor which is easily accessible for service by removing the bottom panel. Available as a rear return or bottom return, comes with filter.



HORIZONTAL DELUXE / LH-D

The Horizontal Deluxe fan coil (LH-D/low static and D/high static) is designed for horizontal exposed ceiling mounted applications. The Horizontal Deluxe is our basic unit housed in a cabinet intended for "free blow" exposed ceiling mounting. Ideal for remodel situations where adding AC ductwork is limited. Deluxe cabinets are constructed of cold rolled steel and finished with 385° baked on tough, soft white epoxy powder coated finish.



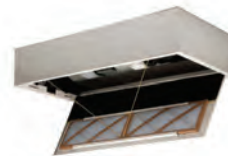
HORIZONTAL FLUSH / LH-F

The Horizontal Flush (LH-F/low static and F/high static) is a recessed fan coil designed for flush ceiling applications. This unit is designed to accommodate ducted supply air. The telescoping frame and hinged access panel of the Horizontal Flush give it the flexibility to accommodate any type of ceiling. Same attractive, durable powder coated cabinet as the Horizontal Deluxe.



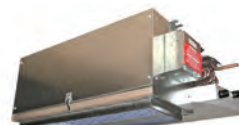
HORIZONTAL FLUSH BOTTOM SUPPLY & RETURN LH-E

The Horizontal Flush Bottom Supply and Return (LH-E/low static and E/high static) is a recessed fan coil designed for flush ceiling applications. The telescoping frame and hinged access panel of the Horizontal Flush Bottom Supply and Return allow it to fit any type of ceiling. The unit comes in the same attractive, durable powder coated cabinet as the Horizontal Deluxe.



LOW-STATIC HORIZONTAL CEILING RECESSED WITH BOTTOM RETURN AIR PLENUM / LH-Q

The Low-Static Horizontal Ceiling-Recessed with Bottom Return-Air Plenum (LH-Q) is a low-static (up to .25 ESP) fan coil that comes with a coil, blower/motor assembly with quick-connect plug and a galvanized steel, powder-coated epoxy drain pan covered with 3/8-inch thick insulation. The galvanized steel plenum is insulated with 1/2-inch thick, over three pound density, neoprene-coated fiberglass. The plenum conceals the fan and motor assembly that is easily accessed for service by removing the back panel. This unit is easily mounted above ceilings, in closets, and in hallways.



LOW PROFILE HORIZONTAL

This basic low-static with ultra low profile horizontal (LH-X) is ideal for multiple applications. It's slim, compact design is well suited for drop ceiling, closet, hallway and other concealed applications where our horizontal basic (LH-B) dimensional are not adequate. These fan coils come with a powder coated epoxy drain pan with a wide range of coil, motor and controls options.



LOW PROFILE HORIZONTAL (LH-X) with RETURN AIR PLENUM / LH-Y

The LP-X horizontal fan coil with return air plenum (LH-Y) is our basic LH-X with a galvanized rear return air plenum, ideal for mounting above ceilings, in closets, hallways and bathroom areas, the plenum conceals the unit's blower motor which is easily accessible for service by removing the bottom panel. Rear air plenum units come with filter.



HIGH PERFORMANCE HORIZONTAL FAN COILS

600 - 2,200 CFM

HIGH PERFORMANCE HORIZONTAL BASIC / HH-B

The low profile and flexible design of the Horizontal Basic (HH-B) fan coil is the right choice for multiple applications where high static performance is required. The slim, compact design is well suited for drop ceiling, closet, hallway and other concealed applications. This unit comes with a powder coated epoxy drain pan and a wide range of coil, motor and controls options. These models have no exterior cabinet.



HIGH PERFORMANCE HORIZONTAL WITH RETURN-AIR PLENUM / HH-R

The Horizontal Rear Return Air Plenum (HH-R) is our basic fan coil for high static application with a galvanized rear return air plenum and filter. Ideal for mounting above ceilings, in closets, hallways and bathroom areas, the plenum conceals the unit's blower motor, which is easily accessible for service by removing the bottom panel. Horizontal Bottom Return also available



HIGH PERFORMANCE HORIZONTAL DELUXE / HH-D

The Horizontal Deluxe (HH-D) fan coil is designed for horizontal exposed ceiling mounted applications where high static performance is required. This unit is our basic unit housed in a fully cased cabinet intended for "free-blow" exposed ceiling mounting. Ideal for remodel situations where adding AC ductwork is limited. Deluxe cabinets are constructed of cold rolled steel and finished with a soft white epoxy powder-coated finish, and subjected to a 1500-hour salt spray test in accordance with ASTM-B117.



HIGH PERFORMANCE HORIZONTAL FLUSH BOTTOM SUPPLY & RETURN / HH-F

The Horizontal Flush (HH-F) is a recessed fan coil designed for flush ceiling applications. The telescoping frame and hinged access panel allow it to fit any type of ceiling. The access panel comes in the same attractive, durable powder coated as the Horizontal Deluxe. Unit comes standard with bottom return front supply.



HIGH PERFORMANCE HORIZONTAL DELUXE WITH BOTTOM SUPPLY & RETURN / HH-E

The High Performance Horizontal Deluxe Bottom Supply & Return (HH-E) is a high static (up to .50 ESP) recessed fan coil designed for flush ceiling applications. The HH-E comes with a coil, blower/motor assembly with quick connect plug and a galvanized steel, powder coated epoxy drain pan covered with $\frac{1}{8}$ " thick insulation. Deluxe cabinets are constructed of cold rolled steel and finished with 385° baked on tough, soft-white epoxy powder coated finish.



HIGH PERFORMANCE HORIZONTAL BOTTOM RETURN AIR PLENUM / HH-Q

The High Performance Horizontal Bottom Return Air Plenum (HH-Q) is a high static (up to .50 ESP) fan coil that comes with a coil, blower/motor assembly with quick connect plug and a galvanized steel, powder coated epoxy drain pan covered with $\frac{1}{8}$ " thick insulation. The galvanized steel plenum is insulated with $\frac{1}{2}$ " thick, over three pound density, neoprene coated fiberglass. The plenum conceals the fan and motor assembly that is easily accessed for service by removing the back panel. This unit is easily mounted above ceilings, in closets, and in hallways.



HIGH PERFORMANCE HORIZONTAL CASED FLUSH / CH-F

The Cased Flush Horizontal (CH-F) is a horizontally ducted fan coil that aligns flush with the ceiling. Ideal for horizontal applications in apartments, condominiums and motels requiring either a drop ceiling or soffit installation. The Cased Flush Horizontal has a swing down access panel for fast and easy filter removal and routine maintenance. Bottom return-air is standard, rear ducted is an option.



VERTICAL STACK FAN COILS ER & DR SERIES

300 - 1,200 CFM

EASY RISER BASIC / ER-B

For concealed application virtually anywhere in the room, the Easy Riser Basic Vertical Stack (ER-B) comes standard in a heavy gauge 88" galvanized steel cabinet, insulated with 1/2" thick, neoprene coated fiberglass. This standard unit features a 1/2" OD copper tube coil, slide out blower assembly with quick disconnect plug, insulated drain pan and filter. Risers are ordered separately due to size changes throughout the building.

EASY RISER DELUXE (PAINTED) / ER-D

For exposed applications along walls and in corners, the Easy Riser Deluxe Vertical Stack (ER-D) is the model of choice. In addition to the same internal features as the ER-B, the Easy Riser Deluxe comes with an epoxy, powder-coat exterior and is subjected to a 1,500-hour salt spray test in accordance with ASTM B117. When greater architectural appeal is desired, the ER-B with cabinet enclosure is the preferred choice.

DESIGNER RISER BASIC / DR-B

The Designer Riser Basic Vertical Stack (DR-B) is for concealed applications along walls and in corners. This model comes standard in an extended 97" galvanized steel cabinet, insulated with 1/2" thick neoprene coated fiberglass. Like the ER-B, this unit features a 1/2" OD copper tube coil, slide out blower assembly with quick disconnect plug, insulated drain pan and filter.

DESIGNER RISER DELUXE (PAINTED) / DR-D

The Designer Riser Deluxe Vertical Stack (DR-D) is for exposed applications also along walls and in corners. In addition to the same internal features as the DR-B, the Designer Riser Deluxe's 97" cabinet includes a epoxy, powder coat exterior and is subjected to a 1,500 hour salt spray test in accordance with ASTM B117. When greater architectural appeal is desired, the DR-B with cabinet enclosure is the preferred choice.



EASY RISER / MASTER SLAVE / ER-M / ER-S

The Easy Riser Master/Slave Vertical Stack units (ER-M and ER-S) have the same internal components as our Basic model, yet are designed to share a common riser set. The Master/Slave combination features two separate units piped to a common set of risers, each with individual valves and controls. These units come in an 88" galvanized steel cabinet.



DESIGNER RISER / MASTER SLAVE DR-M / DR-S

The Designer Riser Master/Slave Vertical Stack units (DR-M and DR-S) have the same internal components as our Basic model, yet are designed to share a common riser set. The Master/Slave combination features two separate units piped to a common set of risers, each with individual valves and controls. These units come in a 97" galvanized steel cabinet.



TWINPACK / ER-D

The TwinPack is a master/slave combination that is pre-piped and housed in a common cabinet assembly at the factory. TwinPack Vertical Stack units include a UL 1 Hour Through Penetration Firestop W-L-7089 system. Local codes may dictate exact amount and placement of drywall. Each unit has its own set of valves and controls.



TWINPACK DELUXE / DR-D

The TwinPack is a master/slave combination that is pre-piped and housed in a common cabinet assembly at the factory. TwinPack Vertical Stack units include a UL 1 Hour Through Penetration Firestop W-L-7089 system. Local codes may dictate exact amount and placement of drywall. Each unit has its own set of valves and controls.



HIGH PERFORMANCE CASED VERTICAL FAN COILS - CV SERIES

400 - 2,200 CFM

HIGH PERFORMANCE CASED / CLOSET FRONT RETURN / CV-F

The Cased Vertical Front Return (CV-F) is a high performance, high static (up to .50ESP), ducted vertical fan coil for installation in a closet type enclosure. A removable front access panel facilitates easy servicing. The CV-F comes with a coil, easy slide out blower/motor assembly with quick-connect plug and a galvanized steel, powder coated epoxy drain pan covered with $\frac{3}{8}$ " thick insulation. The galvanized steel cabinet is insulated with $\frac{1}{2}$ " thick, over three pound density, neoprene coated fiberglass. A one inch duct flange is standard on the top panel.

Rear Return/Bottom Supply (CV-G) and Rear Return/Bottom Supply Deluxe (CV-Q) also available. Customized drawings available upon request.



HIGH PERFORMANCE CASED CLOSET FRONT RETURN PAINTED CABINET / CV-R

The Cased Vertical Front Return (CV-R) is a high performance, high static (up to .50ESP), ducted vertical fan coil for installation in a closet type enclosure. A removable front access panel facilitates easy servicing. The CV-R comes with a coil, easy slide-out blower/motor assembly with quick connect plug and a galvanized steel, powder coated epoxy drain pan covered with $\frac{3}{8}$ " thick insulation. The galvanized steel cabinet is finished in a soft white powder-coat epoxy and insulated with $\frac{1}{2}$ " thick, over three pound density, neoprene coated fiberglass. A one-inch duct flange is standard on the top panel.



HIGH-PERFORMANCE CASED / CLOSET REAR-RETURN / CV-G

The Cased/Closet Vertical Bottom Supply with Rear Return (CV-G) is a high performance, high static (up to .50 ESP), ducted vertical fan coil. Primarily used in floor-mounted or hideaway applications, the CV-G is furred into partition walls, hidden closets, or utility rooms with a ducted discharge. A removable access panels facilitate easy servicing. The CV-G comes with a coil, easy slide out blower/motor assembly with quick-connect plug and a galvanized steel, powder coated epoxy drain pan covered with $\frac{3}{8}$ " thick insulation. The galvanized steel cabinet is insulated with $\frac{1}{2}$ " thick, over three pound density, neoprene coated fiberglass. A one inch duct flange on return and supply air openings is standard.



HIGH-PERFORMANCE CASED / CLOSET REAR RETURN / CV-Q

The Cased Vertical Bottom Supply with Rear Return (CV-Q) is a high performance, high static (up to .50 ESP), ducted vertical fan coil. Primarily used in floor mounted or hideaway applications, the CV-Q is furred into partition walls, hidden closets, or utility rooms with a ducted discharge. A removable access panels facilitate easy servicing. The CV-Q comes with a coil, easy slide out blower/motor assembly with quick connect plug and a galvanized steel, powder coated epoxy drain pan covered with $\frac{3}{8}$ " thick insulation. The galvanized steel cabinet is finished in a soft white powder coat epoxy and insulated with $\frac{1}{2}$ " thick, over three pound density, neoprene coated fiberglass. A one inch duct flange on return and supply air openings is standard. *(This is a custom designed fan coil, certified dimensional drawings provided upon request.)*



HIGH PERFORMANCE CASED / CLOSET HEAT ONLY / CV-H

The Cased Vertical (CV-H) is a Heat Only model. It is a high performance, high static (up to .50 ESP), ducted vertical fan coil for installation virtually anywhere. The front panel is removable for easy filter removal and service access to the slide out blower, equipped with a quick connect plug. The top discharge opening has a one inch duct collar. This heat only version does not need a drain pan and may be installed horizontally.



HIGH PERFORMANCE CASED / CLOSET HEAT ONLY PAINTED CABINET / CV-O

The Cased Vertical (CV-O) is a Heat Only model. It is a high performance, high-static (up to .50 ESP) ducted vertical fan coil for installation virtually anywhere. The front panel is removable for easy filter removal and service access to the slide out blower, equipped with a quick connect plug. The top discharge opening has a one inch duct collar. This heat only version does not need a drain pan and may be installed horizontally. The CV-O is finished in a soft white powder coated epoxy.



• FRONT RETURN BASIC / CV-K • FRONT RETURN DELUXE / CV-J • VERTICAL FRONT SUPPLY AND RETURN / CV-S

Heavy gauge galvanized steel cabinet with $\frac{1}{2}$ " thick over three pound density, neoprene coated fiberglass. Coils $\frac{1}{2}$ " OD copper tube with aluminum



HIGH PERFORMANCE CASED VERTICAL FAN COILS - CV SERIES

400 - 2,200 CFM

fins (12FPI) equipped with manual air vent. DX and steam coils do not include manual air vent. Coils are 100% underwater pressure tested at 350 PSI with a 300 PSI working pressure. Galvanized drain pan is powder coated epoxy with a ¼" thick closed cell insulation and has primary and secondary drain connections. Three speed 115/1/60 PSC motor with quick connect plug. Easy slide out draw through blower and motor assembly. Controls and motors are factory wired and terminated in a junction box for single point power supply. 1" fiberglass, throwaway filter. Protective cardboard covers openings during shipment and construction. Individually tagged and crated as scheduled for installation. ETL certified, AHRI certified and 100% factory tested.



BELT DRIVE AIR HANDLERS

800 - 12,000 CFM

AH HORIZONTAL BASIC / AV VERTICAL BASIC

Housed in a heavy-gauge, galvanized steel cabinet, the AH/AV horizontal and vertical basic belt drive air handler (AH/AV-B) includes coil, forward curved, dynamically balanced blowers, motor and drive package. Controls and motors are factory-mounted and provided in a single-point power supply. Access doors are provided on both sides of the unit for easy maintenance. Size 008 - 040 models are equipped with vibration isolators that minimize noise levels and equipment reverberation.

AH HORIZONTAL DELUXE / AV VERTICAL DELUXE

Ideal for applications where a finished cabinet is required, the belt drive (AH/AV-D) is the same unit as our horizontal and vertical basic model, only finished with a baked-on tough, soft white powder coated epoxy and subjected to 1,500 hour salt spray test in accordance with ASTM B117. Access doors are provided on both sides of the unit for easy maintenance. Also available as double-wall (solid or perforated).



VERTICAL FAN COILS - L SERIES

200 - 1,200 CFM

VERTICAL BASIC / LV-B

The slim, compact design of our Vertical Basic fan coil (LB) is intended for furred in applications with a field fabricated, custom enclosure. Housed in a heavy gauge galvanized steel cabinet and insulated with ½" thick neoprene coated fiberglass, this reliable fan coil is ideal for almost any through the wall installation.



VERTICAL DELUXE / LV-D

Our basic unit in a soft white, powder coat epoxy finished cabinet. The Vertical Deluxe fan coil (LD) is designed for exposed wall mounting. Most commonly installed under windows, the one piece, wrap around front panel is easily removed for servicing. Filters are concealed and can be removed without the need for tools.



VERTICAL SLOPE TOP / LV-S

The Vertical Slope Top (LS) is our Vertical Deluxe model, only the cabinet is designed with a full sloping top. The vertical slope top also features solid side panels so that units may be set side by side for long corridor applications. This unit is ideal for any application in which books or materials are likely to be placed over discharge grilles.



VERTICAL WRAP SLOPE TOP / LV-W

The vertical wrap slope top (LW) is our standard vertical slope top, only the cabinet is designed with a wrap around front panel. The cabinet top is flat for three inches out from the wall to accommodate blinds or draperies, then gradually slopes forward. Ideal for hotel, motel and dormitory rooms, this modified cabinet still discourages items being placed over the discharge grille.



VERTICAL MODULAR / LV-M

Our Vertical Modular (LM) is our standard vertical slope top model with a flat top cabinet. A removable, single piece front panel provides complete access to the unit for servicing the motor, coil, valve package, drain pan, filter and all other components. The cabinet includes top discharge and front-return grilles.



VERTICAL FRONT DISCHARGE / LV-F

In a modified version of our Vertical Modular, the cabinet of the Vertical Front Discharge (LF) is designed with front discharge and return air grilles. Removable front panel below the front discharge air grille



provides total access to the unit for servicing. The vertical front discharge is an attractive, exposed unit that is ideal for perimeter heating and cooling in a wide variety of building environments.

VERTICAL RECESSED / LV-R AND LS-R

Our Vertical Recessed is designed for recessed wall installation where space is limited. The design is well suited for hallways, bathrooms and other smaller areas. The Vertical Recessed has a soft white, epoxy powder coat access panel that's easily removed for service.



LOW SILHOUETTE VERTICAL BASIC / LS-B

Designed for furred in, under the window applications, the low silhouette vertical basic (LB) stands only 15 ½" high and accommodates a field furnished and installed decorative enclosure that conceals the unit. The basic unit consists of a chassis, fan deck, drain pan, throwaway filter and a top-discharge duct collar.



LOW SILHOUETTE VERTICAL DELUXE TOP DISCHARGE / LS-D

The Low Silhouette Vertical Deluxe (LD) is similar to the Basic, only specifically designed for exposed under window applications. The attractive, streamlined cabinetry blends with any room decor and is a favorite of architects and contractors. The cabinet comes with our soft white, powder coat epoxy. Also available as Front Discharge and Recessed



LOW SILHOUETTE FRONT DISCHARGE VERTICAL CABINET / LS-F

The Vertical Low-Silhouette Front Discharge is a low-static (up to .25 ESP) fan coil with a blow-through design. The LS-F fan coil comes with a coil, blower/motor assembly and a galvanized steel, powder coated epoxy drain pan covered with ⅛" thick insulation. The cabinet is insulated with ½" thick neoprene coated fiberglass. The LS-F cabinet and top control access panel are finished in a soft white powder coat epoxy with black bar type front discharge and return air grilles. Freestanding at 14½ inches in height.

(This is a custom designed fan coil, certified dimensional drawings provided upon request.)



INTEGRATED PIPING SYSTEM (IPS)

THE ADVANTAGES

INCREASED COMFORT

True hydronic heating and cooling comfort for a lot less than traditional systems.

REDUCED INSTALLED COSTS

No dedicated piping and equipment required for space heating such as boilers, pumps and storage tanks.

REDUCED OPERATING COSTS

Less equipment and greater chiller efficiency means a tighter reign on energy usage.

LEED FRIENDLY ENERGY SAVINGS

Up to 60% more efficient than PTACs, fewer materials, dual use of the domestic water system, no compressors or equipment in the occupied space and reduced electrical power.

INCREASED VALUE

Better comfort and lower operating costs translate into higher operating income and may increase the resale value of your property.

REDUCED BUILDING PENETRATION

PTAC units are highly invasive to the building envelope. With IPS, you get a quieter, more comfortable environment without necessary exterior penetration of your building.

IPS CONTROL BOARD

This exclusive control board adapts to all 24 volt fan coil thermostats. It has a coil purge timer per ANSI standard; fan, pump, and damper relays; alarm interrupt with LED flash code for protection against freeze up and condensate overflow.

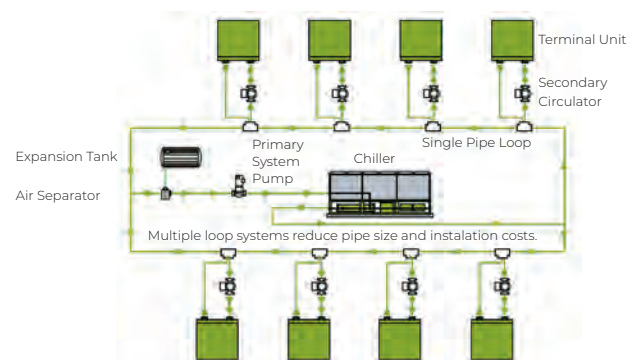
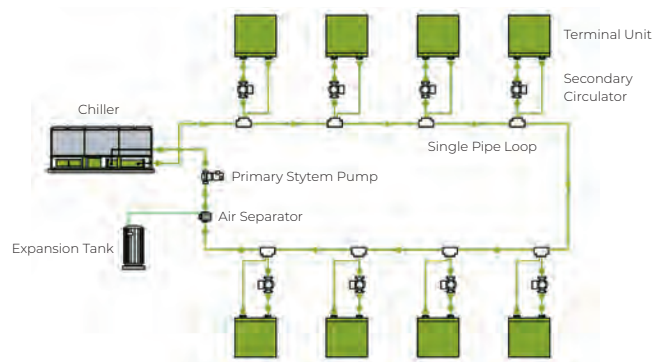
QUIET OPERATION

Consolidated, out-of-the-way mechanical system unlike noisy, invasive PTAC units makes the IPS from Williams virtually invisible.

ONDEMAND PIPING SYSTEMS

SYSTEM CONFIGURATION

An ONDemand system is the marriage of two old ideas wrapped around a new technology. The old ideas are single pipe distribution and primary secondary pumping. The new technology consists of the use of maintenance free wet rotor circulators. The primary distribution system is a single pipe loop; the secondary distribution system is a decoupled secondary piping loop for each terminal unit in the system. The wet rotor circulator provides the specified flow to each terminal unit at all times. The simplicity of the ONDemand concept allows you to specify one size of pipe for large portions of the system. In single loop installations, there is no limit to the number of coils you can install. Final pipe size is determined by the total load of the loop and ΔT . If your loop is heavily loaded, it's practical to split the system into two loops with smaller pipe sizes. This change saves installation costs, energy, and money, and can reduce pump head, and lower hp. When loops are carrying equal loads and arranged symmetrically, they will nearly self-balance. The resulting configuration will keep balancing losses down and will lower ongoing energy costs.



ComforTRAC

DDC COMMUNICATING THERMOSTAT/CONTROLLER

ComforTRAC™ Logic Programmed variable capacity based on setpoint difference to actual room temperature and humidity combined with how quickly the space is being conditioned. Greatest comfort at the lowest cost.



- Temperature
- Setpoint
- Humidity

ECM MOTOR / BLOWER

- Infinitely variable 25-100%
- Slow ramp rate
- Low RPM wheel
- Required CFM at variable ESP
- 50% reduction in motor watts
- Quieter operation

TRACvalve™

- Proportional 300:1 control valve
- Characterized port ball type
- Integral LAT sensor
- Infinitely variable 20-100%
- Self balancing
- Self cleaning
- Maintains Delta T

WILLIAMS CUSTOM COIL DESIGN

- Totally variable air or water capacity
- Low Flow using up to six row coil and custom circuiting
- Smaller pumps and pipe required
- Reduced demand 30-40%
- Pump HP reduction capacity better than 80%
- Higher latent capacity means better humidity control
- Positive dehumidification
- Greater comfort and control

IAQ

- Individual control
- Temperature and humidity
- Reduced drafts and stratification
- Less "ON-OFF" cycling
- Multiple air changes
- Increased efficiency options to MERV 13

TRACvalve™

is a budget-friendly, cost efficient approach to increasing comfort through Leaving Air Temperature (LAT) control.

With TRACvalve, the horsepower required by the system's central pumps is reduced. Plus, by metering overall demand, central plant efficiency is improved by up to 40%. TRACvalve adjusts to the design LAT, maintaining a high Delta-T across the coil. Variable fluid flow reacts to room and system changes, reducing GPM at a lower load demand. TRACvalve variable fan coils are an excellent choice for any indoor environment in which tracking and adjusting to real time variable load is critical.

TRACvalve ADVANTAGE

A typical valve package offers the following:

- Test ports
- Ball valves
- Modulating two-way, 50 PSI close
- Strainer with blow down cleanable flow limiting valve
- Requires balancing

WITH TRACvalve, YOU GET:

- Reduced flow of up to 80%!
- Improved chiller efficiency
- TRACvalve modulating two-way 130 PSI close
- Self-cleaning with LAT sensor
- Range 300: 1
- Pressure independence
- Self-balancing

What's more, you pay NO PREMIUM on the TRACvalve package and its additional features! Simplify with demand-control performance vs. multiple variations of fixed flow!

FRONT



BACK



WILLIAMS™



www.williamscomfortprod.com | 888-444-1212 | 250 West Laurel Street, Colton CA 92324 USA

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