

Comforte News

March 2002 (3)

Builder Series Fancoil

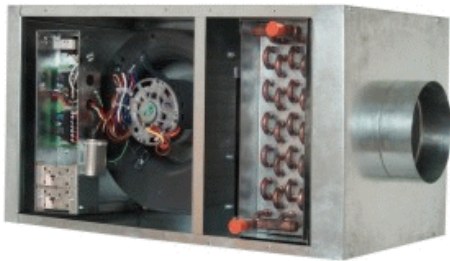
IMPORTANT NOTICE:

**SPRING TRAINING SEMINAR
APRIL 11TH & 12TH, 2002
AT THE FACTORY**

For more information call Erni @
1-888-652-2219 or visit our web site
www.hi-velocity.com

This seminar fills up fast so register early!

Builders Series Fancoil



Open Concept Design - the need to get air conditioning to the upper floors in multi-level homes and very limited space for mechanical components and duct work.

The Hi-Velocity Builders Model operates on the same principle you've come to expect from our traditional Hi-Velocity fancoil units, still alleviating the structural burdens of system installation, but at a much more competitive price.

The Hi-Velocity Builders Model is constructed of galvanized steel - unpainted, and the interior of the entire unit is thermally insulated with ½ inch thick fiberglass. While the return air opening must be field cut by the installer, the design of the cabinet allows easy one side access to the electrical panel without impairing unit operation.

Space is a factor in Multi-family homes:

The location of the fancoil is not as critical as it is with conventional low velocity systems. Location of the fancoil unit will depend on:

- * Minimizing all duct runs.
- * Maximizing usable floor space.
- * Reducing structural changes.
- * Serviceability and access to the unit.
- * Location of heat/cool source to fancoil.
- * Available space in mechanical room.

Quite often, the best location for the fancoil unit is suspended from the ceiling of the mechanical room. This will allow for more floor space in the room, and will minimize the ductwork needed to connect to the fancoil unit.



Suspend the fancoil from the ceiling above the water tank all of which shares a closet with the washer/dryer units.

Some condominiums may have a mechanical room on the deck and can be assembled in the same manner.

Builders Series Fancoil **HV-51, HV -71, HV-101**

- Single side access fancoil provides for infield flexibility and ease of maintenance.
- Slide-in blower assembly and heating coils allows for easy service and maintenance.
- Ultimate flexibility in unit location
- All component parts are easily accessible off the shelf

Plenum Duct Location

When locating the plenum duct, one of the main factors to take into account is the integration of the ductwork into the structure of the house. The main supply duct can be located either along the main beam(s) in the basement or in the attic space. For any duct runs over 75% of the maximum allowable plenum length, it is recommended to insulate the main plenum. Additional outlets may also be required at the end of a long duct run to compensate for duct losses.



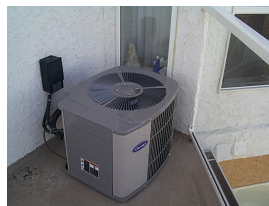
Here is a Hi-Velocity Soft-Aire Home Comfort System being installed by Leonard McLaughlin. The condo phase is being developed by Christianson Developers with Dyand Mechanical as the contractor. The supplier is Premier Industrial Ltd of Edmonton, Alberta, Canada.



Two-inch prefabricated flexible insulated duct connects with two-inch outlets in each room.



High Efficient cooling coils remove up to 30% more humidity providing greater comfort levels even at a higher temperature, eliminating the cold clammy feeling with conventional systems.



On two story construction, it is sometimes more effective to supply the second story from the attic. In some areas, building codes state that any ductwork running between stories must be metal duct. To eliminate having to run two-inch metal duct between levels, run the main plenum up into the attic space, and branch off with the Soft-Aire two-inch duct. If this is done, make sure that all ducts in the attic are insulated and vapor barriered. This includes the branch take off and the vent rough-in boot. If the ductwork is run above the attic insulation, extra insulation sleeve may be needed. Check your local building code for the ruling in your area.



Our company has successfully installed approximately 800 Hi-Velocity Soft-Aire Systems in the greater Toronto area in the last 2 years. We chose the Hi-Velocity System for the Daniel's Beach Home Project because of ease of installation, space saving and proper Air Distribution especially to the third floor. There is no doubt in our mind that this system offers superior features over other traditional residential systems.

Jack Marrano,
Downsview Heating

Indoor Air Quality

Cooling and heating are the same from the first floor to the 2nd, 3rd, and 4th floors. Conditioned air is delivered at equal pressure and temperature.

Imagine

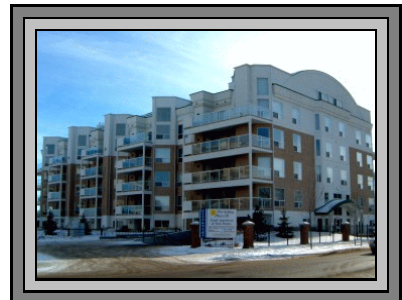
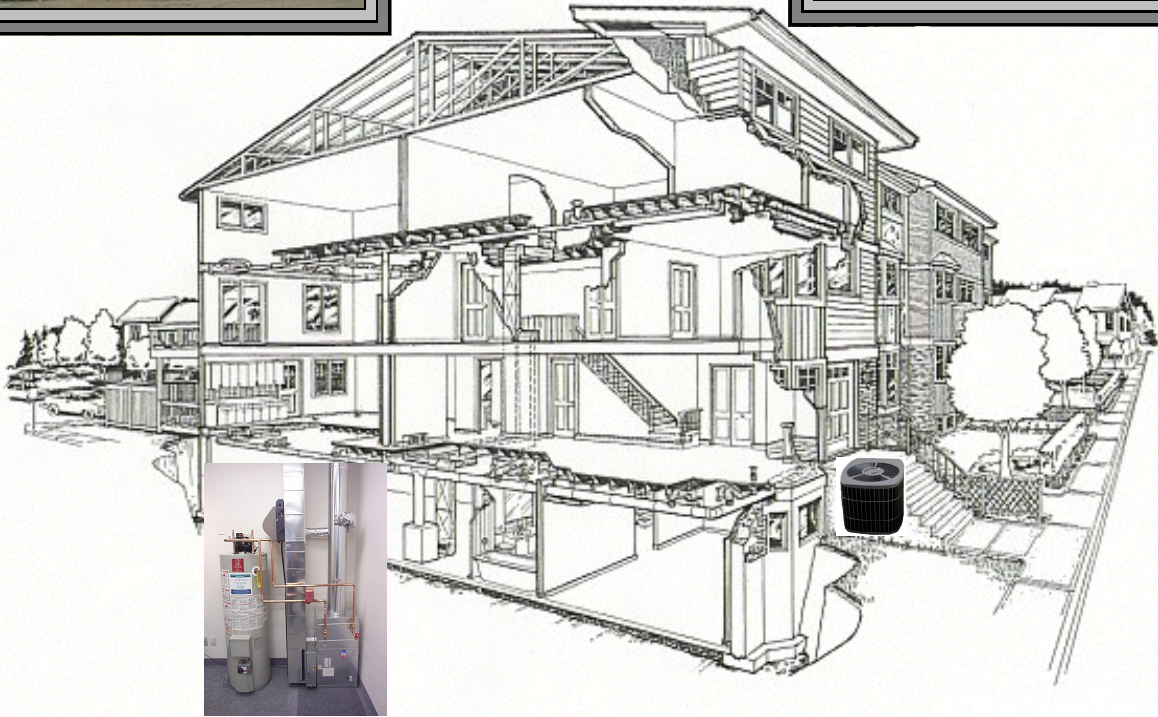
Comfort from Floor to Ceiling, Room to Room

It's not just a *dream*.....with the
Hi-Velocity Soft-Aire Builders Series Fancoil System

It's Reality!



With over 14,000 units installed and 6000 units in progress this is not a new concept!



News Flash

Electric Heat Coils are now in stock for Hi-V Series Fancoils

Energy Saving Products Ltd. Introduces Slide-in Electric Heating Coil

An Electric Coil has been designed for the Hi-Velocity Soft-Aire fancoil. The new HV-30/50 to the HV-100 fancoil is manufactured with single side access and is designed to accept the Electric coil as a slide-in accessory. This is a simple task without any external mounting or duct work required. The Electric Coil is powered by the 240/1/60v, and is available in sizes from 5 to 23 KW.

The **Electric Heating Coil** can be either used for primary or act as auxiliary heating source on heat pump applications.



Spring Training Seminar

April 11th & 12th, 2002

Due to the limited amount of space, all registrations are accepted on a "first come, first served" basis. The earlier you register the better. For those of you that have been to the seminars in the past know that these seminars are not only informative but a lot of fun. For more information contact Erni at 780-453-2093, Toll Free 1-888-652-2219 or visit our web site.

www.hi-velocity.com/en/seminar.htm

Please let me know what you would like to see in future newsletters!

Contact Flo:
flo@hi-velocity.com
780-453-2093
Fax: 780-453-1932
For Web Site:
pam@hi-velocity.com

We have a form for ordering a backdrop and appreciate you using it as we have many shows booked and this helps to keep the information I need organized. Please contact Flo ASAP if a backdrop is required for future trade shows and if you need a form.

All backdrops for March are in use.