



VEY



HHY



HLY



HXY

600 to 2000 CFM

Design flexibility, ease of installation and service are built into IEC's direct drive fan coil products. Ideal for applications where higher capacities, additional static capability, and higher airflows are required.

A variety of cabinet sizes, eight nominal capacities, and the flexibility to choose from a vertical or horizontal configuration makes this series a perfect solution for apartments, offices, schools, and a multitude of other applications.

The hi-performance series includes fan coils in the following configurations:

- VEY - Floor-mounted vertical ducted unit.
- HHY - Ceiling hideaway horizontal ducted unit.
- HPY - Ceiling hideaway horizontal ducted unit with return air plenum.
- HLY - Painted cabinet under ceiling with direct discharge unit.
- HXY - Above or below the ceiling high static ducted horizontal unit.

APPLICATION FIT

Multiple cabinet choices are available in 8 nominal sizes for application in a variety of room layouts.

- Hi-Performance Vertical Cased Series (VEY) is ideal for air conditioning in apartments, offices, schools and many other applications. Top supply units are often located in mechanical rooms and supply air is ducted into multiple zones. Front or bottom return units with filter frames are available.
- Hi-Performance Hideaway Series (HHY) is installed above the ceiling with or without ducted supply air and open “soffit” return with an optional ceiling-mounted filter-grille.
- Hi-Performance Hideaway with Plenum Series (HPY) is installed above the ceiling with or without ducted supply air and ducted return air. The return air filter is either mounted on the unit plenum or installed in an optional ceiling filter-grille.
- Hi-Performance Cabinet Series (HLY) is equipped with a painted cabinet suitable for under-ceiling exposed applications. Specially selected motor and blower designs make this unit especially suited for non-ducted applications.
- Hi-Performance Horizontal Cased Series (HXY) is equipped with a galvanized cabinet suitable for above or below the ceiling, and are ideal for ducted supply and return air.



DESIGN FLEXIBILITY

- Easy to use ratings program to speed up unit selection and project design.
- Standard and high capacity hydronic, DX, and steam coils are available to match the capacity of the heating and cooling space.
- Optional powder paint finish colors and grille selections will complement most décors (HLY units).
- Optional 6” (152 mm) legs are available for the VEY.
- Customizable cabinetry (HLY or HXY) makes these units ideal for renovation jobs or where special sizes are required to fit oversized valves and controls packages.
- HPY optional airflow configurations (rear return or bottom return) can be factory configured or field converted for maximum flexibility.
- Wide variety of factory assembled valve packages to meet desired control specifications.
- Outside air dampers are available to meet ventilation requirements and reduce field labor (HPY, HLY, HXY).
- Wide variety of optional insulation materials are available to address IAQ concerns.
- Optional condensate overflow switches are available to address latest building codes where required.

EASE OF INSTALLATION

- Optional factory assembled valve packages minimize the piping work at the job site.
- Optional unit mounted controls, service switches and fusing minimize the electrical work required on site.
- Units are factory tagged for clear identification on the job site.
- Opposite end connection units may minimize the field piping work on renovation jobs.

Hi-Performance Series Fan Coils

EASE OF SERVICE

- All components are accessible by simply removing the access panel.
- Filters can be replaced without tools.
- Blower assembly easily removed from the rear of the coil for service and cleaning.

QUALITY AND SAFETY

- Every unit tested and inspected at the factory for trouble-free start-up.
- ETL listed.
- AHRI certified (where applicable)

HLY/HXY PHYSICAL DATA - INCHES (MILLIMETERS)

Unit Size	Width	Depth	Height
06	31" (787)	32" (813)	18" (457)
08	36" (914)	32" (813)	18" (457)
10	40" (1016)	32" (813)	18" (457)
12	45" (1143)	32" (813)	18" (457)
14	50" (1270)	32" (813)	18" (457)
16	55" (1397)	32" (813)	18" (457)
18	60" (1524)	32" (813)	18" (457)
20	64" (1626)	32" (813)	18" (457)

- NOTES:** 1. All dimensions are +/- 1/4" (6)
 2. Add 2" to the depth if supply and return duct collars are included. Add 7/8" (22) to height for mounting slots.

VEY PHYSICAL DATA - INCHES (MILLIMETERS)

Unit Size	Width	Depth	Height
06	23" (584)	18" (457)	33" (838)
08	28" (711)	18" (457)	33" (838)
10	32" (813)	18" (457)	33" (838)
12	37" (940)	18" (457)	33" (838)
14	42" (1067)	18" (457)	33" (838)
16	47" (1194)	18" (457)	33" (838)
18	52" (1321)	18" (457)	33" (838)
20	56" (1422)	18" (457)	33" (838)

- NOTES:** 1. All dimensions are +/- 1/4" (6)
 2. Add 6" (152) to the height of the unit if the optional bottom return with 6" (152) legs is used

Hi-Performance Series Fan Coils

HHY/HPY PHYSICAL DATA - INCHES (MILLIMETERS))

Unit Size	Width (Standard Pan)	Width (Extended Pan)	HHY Depth	HPY Depth	HHY/HPY Height
06	23" (584)	32" (813)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
08	28" (711)	37" (940)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
10	32" (813)	42" (1067)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
12	37" (940)	47" (1194)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
14	42" (1067)	52" (1321)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
16	47" (1194)	56" (1422)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
18	52" (1321)	62" (1575)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)
20	56" (1422)	66" (1676)	27-1/2" (699)	29-1/2" (749)	16-3/8" (416)

- NOTES:**
1. All Dimensions are +/- 1/4" (6)
 2. Add 8" to width of unit if optional drip lip is used
 3. Add 2-1/2" to height of the HPY unit if it is used with bottom return

NOMINAL CAPACITY*

Unit Size	Nominal CFM	Cooling		Heating	
		Rows**	Total Capacity Range MBH***	Rows	Heating Capacity Range MBH****
06	600	3, 4 or 6	13.8 - 22.2	1 or 2	13.5 - 38.8
08	800	3, 4 or 6	19.7 - 31.7	1 or 2	16.0 - 53.0
10	1000	3, 4 or 6	23.6 - 40.4	1 or 2	25.5 - 63.6
12	1200	3, 4 or 6	29.4 - 49.5	1 or 2	29.0 - 75.5
14	1400	3, 4 or 6	33.3 - 56.5	1 or 2	31.5 - 81.0
16	1600	3, 4 or 6	39.9 - 65.7	1 or 2	34.0 - 102.5
18	1800	3, 4 or 6	45.3 - 75.1	1 or 2	36.0 - 111.5
20	2000	3, 4 or 6	50.5 - 83.7	1 or 2	38.0 - 119.6

NOTES: * For detailed capacities, please visit our website at www.iec-okc.com, or contact your local representative.

** Maximum of 4 rows available on VEY units.

*** Ratings based on 80° DB and 67° WB EAT, 45° EWT with 10° water temperature rise.

**** Ratings based on nominal CFM, 180° EWT and 70° EAT.

1. Steam and DX coils available. Contact the factory.



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IEC Flyer Part Number: I100-90002114

FL-040 Revision 4 (8/2016)

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