

Specification Guide

US Air Conditioning Distributors

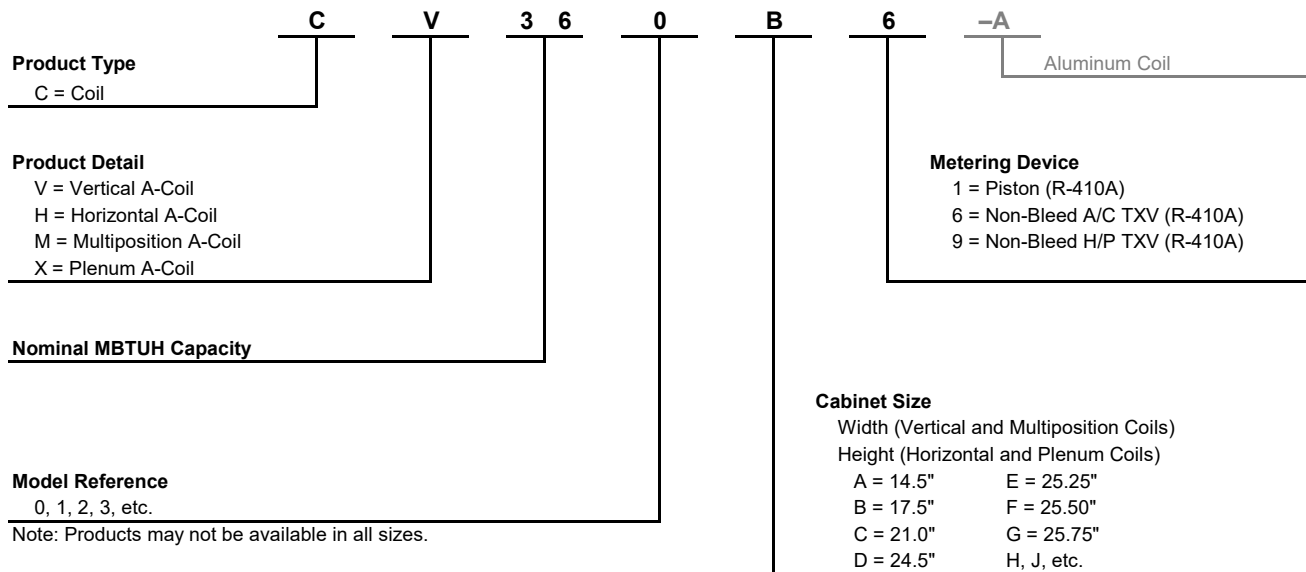
Evaporator Coils



General Features

- Microban® antimicrobial additive to inhibit the growth of mold and mildew in the drain pan.
- HydroTEC™ low water retention drain pan for improved drainage.
- UV resistant drain pans are molded of high temperature (450 deg. F) engineered polymer.
- All coils contain a factory installed screw-on expansion valve.
- Non-captive panels allow access to inside of cabinet without the need to cut refrigerant lines.
- 5-year Limited Warranty standard, 10-year Limited Warranty available.
- All coils have durable packaging with bar coded labels on the box.
- Coils have heavy gauge cabinets fully lined with 5/8" foil faced insulation.
- Coils are air pressure tested at 500 PSI, leak tested with Helium, sealed with rubber plugs and then charged with dry air.
- Refrigerant connections are 3/8" ODF liquid and 7/8" ODF suction (CV & CM A-Coils 18-36 MBTUH are 3/4" ODF suction).

Nomenclature



Upflow/Downflow A-Coil Specifications



Features

- Corrosion resistant coil header plates.
- Cabinet insulation hold down tabs for easy drain pan removal.
- All cabinets are painted to match the current York furnace color.
- Interlocking doors reduce air leakage and allow for easy access.
- Dual 3/4" FPT condensate drains on front-left and front-right side of drain pans.
- Expansion valve mounted inside cabinet to prevent external sweating; bulb is clamped and wrapped for improved temperature sensing.
- Intertek lab tested 1% or less cabinet air leakage for better efficiency.

	ADP Model Number	Width [A]	Depth [B]	Height [C] ^[1]	Top Opening (Width x Depth)	Bottom Opening (Width x Depth)	Pallet Qty	CFM	Face Vel. ^[2] (fpm)	Air Pressure Drop ^[3] (inches W.C.)
2 TON	CV240A6	14.5"	21.5"	16.5"	13" x 20"	13.5" x 21"	12	800	299	0.25
	CV360A*	14.5"	21.5"	16.5"	13" x 20"	13.5" x 21"	12	1200	386	0.35
3 TON	CV360B*	17.5"	21.5"	16.5"	16" x 20"	16.5" x 21"	8	1200	386	0.33
	CV360C*	21"	21.5"	16.5"	19.5" x 20"	20" x 21"	8	1200	386	0.32
	CV361A*	14.5"	21.5"	20.5"	13" x 20"	13.5" x 21"	6	1200	300	0.21
	CV361B*	17.5"	21.5"	20.5"	16" x 20"	16.5" x 21"	4	1200	300	0.17
	CV362B*-A	17.5"	21.5"	29.5"	16" x 20"	16.5" x 21"	4	1200	208	0.16
	CV362C*-A	21"	21.5"	27.5"	19.5" x 20"	20" x 21"	4	1200	208	0.16
	CV363A6	14.5"	21.5"	18.5"	13" x 20"	13.5" x 21"	12	1200	337	0.30
	CV363B6	17.5"	21.5"	18.5"	16" x 20"	16.5" x 21"	8	1200	337	0.24
	CV365B*	17.5"	21.5"	20.5"	16" x 20"	16.5" x 21"	4	1200	300	0.25
	CV365C*	21"	21.5"	20.5"	19.5" x 20"	20" x 21"	4	1200	300	0.17
	CV366C*	21"	21.5"	25.5"	19.5" x 20"	20" x 21"	4	1200	245	0.14
	CV367A6	14.5"	21.5"	25.5"	13" x 20"	13.5" x 21"	6	1200	270	0.27
4 TON	CV480B*	17.5"	21.5"	20.5"	16" x 20"	16.5" x 21"	4	1400	350	0.29
		1600	400	0.35						
	CV480C*	21"	21.5"	20.5"	19.5" x 20"	20" x 21"	4	1400	350	0.27
		1600	400	0.33						
	CV481B6	17.5"	21.5"	25.5"	16" x 20"	16.5" x 21"	6	1600	360	0.30
	CV481C6	21"	21.5"	25.5"	19.5" x 20"	20" x 21"	4	1600	360	0.30
	CV482B*	17.5"	21.5"	25.5"	16" x 20"	16.5" x 21"	4	1400	286	0.26
1600		327	0.29							
CV482C*	21"	21.5"	25.5"	19.5" x 20"	20" x 21"	4	1400	286	0.28	
1600	327	0.31								
5 TON	CV600C*	21"	21.5"	25.5"	19.5" x 20"	20" x 21"	4	1750	358	0.40
		2000	409	0.42						
	CV600D*	24.5"	21.5"	25.5"	23" x 20"	23.5" x 21"	4	1750	358	0.38
		2000	409	0.40						
	CV601C6	21"	21.5"	25.5"	19.5" x 20"	20" x 21"	4	2000	375	0.29
	CV601D6	24.5"	21.5"	25.5"	23" x 20"	23.5" x 21"	4	2000	375	0.29
	CV602F*-A	25.5"	21.5"	25.5"	24" x 20"	24.5" x 21"	4	1750	250	0.29
		2000	286	0.30						
	CV603C*-A	21"	21.5"	27.5"	19.5" x 20"	20" x 21"	4	1750	302	0.33
		2000	346	0.35						
	CV604F*-A	25.5"	21.5"	27.5"	24" x 20"	24.5" x 21"	4	1750	231	0.29
		2000	264	0.30						
	CV605C*	21"	21.5"	27.5"	19.5" x 20"	20" x 21"	4	1750	303	0.27
2000		346	0.28							
CV605D*	24.5"	21.5"	27.5"	23" x 20"	23.5" x 21"	4	1750	303	0.27	
	2000	346	0.28							
CV606D*	24.5"	21.5"	27.5"	23" x 20"	23.5" x 21"	4	1750	328	0.30	
	2000	375	0.32							
CV607D*	24.5"	21.5"	25.5"	23" x 20"	23.5" x 21"	4	1750	264	0.24	
	2000	302	0.32							
CV608D*	24.5"	21.5"	25.5"	23" x 20"	23.5" x 21"	4	1750	288	0.26	
	2000	329	0.35							

* Represents choice of metering device.

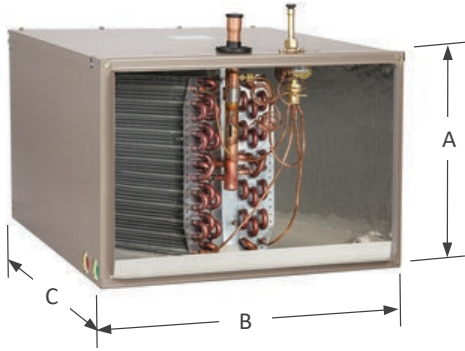
[1] Height excludes 3/4" top flange.

[2] Face velocities in **bold** above (> 350 ft/min) are not recommended for downflow applications due to potential water blow-off.

[3] Air pressure drop data is under wet coil conditions.

Horizontal A-Coil Specifications

Features



- Top refrigerant connections for installation flexibility.
- Top panel with only four screws for fast and easy coil access.
- HydroTEC™ "V" drain pan for low water retention.
- UV light knockouts to easily locate and install UV lights for enhanced IAQ.
- All cabinets are painted to match the current York furnace color.
- Refrigerant connections in center of coil away from airflow path.
- Dedicated cutouts for each condensate drain reduce air leakage.
- Dual 3/4" FPT condensate drains on both sides of cabinet accommodates left or right airflow furnaces.
- Intertek lab tested 1% or less cabinet air leakage for better efficiency.

Supply Opening: (A - 1.5") x (B - 1.5")

Return Opening: (A - 1.0") x (B - 1.0")

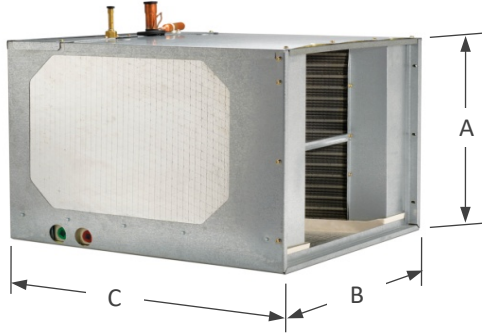
	ADP Model Number	Height [A]	Width [B]	Length [C] ^[1]	Supply Opening (Height x Width)	Return Opening (Height x Width)	Pallet Quantity	CFM	Air Pressure Drop ^[2] (inches W.C.)
2 TON	CH240A*	14.5"	21"	26.5"	13" x 19.5"	13.5" x 20"	8	800	0.17
3 TON	CH360A*	14.5"	21"	26.5"	13" x 19.5"	13.5" x 20"	8	1200	0.35
	CH360B*	17.5"	21"	21.5"	16" x 19.5"	16.5" x 20"	16	1200	0.37
	CH362C*-A	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	1200	0.17
	CH365B*	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	1200	0.24
	CH366C*	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	1200	0.17
	CH367C*	21"	21"	21.5"	19.5" x 19.5"	20" x 20"	12	1200	0.25
	CH368A6	14.5"	21"	31.5"	13" x 19.5"	13.5" x 20"	8	1200	0.27
CH369A6	14.5"	21"	36.5"	13" x 19.5"	13.5" x 20"	8	1200	0.18	
4 TON	CH480B*	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	1600	0.41
	CH480C*	21"	21"	21.5"	19.5" x 19.5"	20" x 20"	12	1600	0.33
5 TON	CH600C*	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	2000	0.43
	CH600D*	24.5"	21"	21.5"	23" x 19.5"	23.5" x 20"	4	2000	0.40
	CH601D*	24.5"	21"	26.5"	23" x 19.5"	23.5" x 20"	2	2000	0.40
	CH602D*-A	24.5"	21"	26.5"	23" x 19.5"	23.5" x 20"	2	2000	0.34
	CH603E*-A	25.25"	21"	31.5"	23.75" x 19.5"	24.25" x 20"	4	2000	0.30
	CH604C*	21"	21"	31.5"	19.5" x 19.5"	20" x 20"	4	2000	0.33
	CH605D*	24.5"	21"	26.5"	23" x 19.5"	23.5" x 20"	2	1200	0.34
	CH606C6	21"	21"	36.5"	19.5" x 19.5"	20" x 20"	6	2000	0.29

* Represents choice of metering device.

[1] Length excludes 3/4" plenum flange.

[2] Air pressure drop data is under dry coil conditions. For wet coil conversion at standard AHRI conditions, use 1.3 multiplier.

Plenum Coil Specifications



Features

- Top refrigerant connections for installation flexibility.
- Light weight aluminum coil with aluminum header plates.
- Patent pending HydroTEC™ “V” drain pan for improved drainage.
- One-piece cabinet construction for improved strength and rigidity.
- Top panel with only 4 screws for fast and easy coil access.
- UV light knockouts to easily locate and install UV lights.
- “Easy-lift” handle allows easy lifting through tight spaces.
- Secondary drain pan included standard on all models.
- Secondary drain pan locator embossments for easy installation.
- Furnace mounting bracket included for single person furnace mounting.

Return Opening: (A - 1.0") x (B - 1.0")

	ADP Model Number ^[1]	Height [A]	Width [B]	Length [C]	Return Opening (Height x Width)	Pallet Qty	Coil Weight (lbs)	CFM	Air Pressure Drop ^[2] (inches W.C.)
2 TON	CX240B*35	17.5"	21"	35"	16.5" x 20"	6	47	800	0.11
	CX360B*35	17.5"	21"	35"	16.5" x 20"	6	49	1200	0.16
3 TON	CX361B*35	17.5"	21"	35"	16.5" x 20"	6	52	1200	0.17
	CX363B635	17.5"	21"	35"	16.5" x 20"	8	45	1200	0.25
4 TON	CX480C*35	21"	21"	35"	20" x 20"	4	53	1600	0.18
5 TON	CX600C*35	21"	21"	35"	20" x 20"	4	54	2000	0.23
	CX601C*35	21"	21"	35"	20" x 20"	4	60	2000	0.37
	CX602D*35	24.5"	21"	35"	23.5" x 20"	2	55	2000	0.40

* Represents choice of metering device.

[1] Final 2 digits denote plenum coil length.

[2] Air pressure drop data is under dry coil conditions. For wet coil conversion at standard AHRI conditions, use 1.3 multiplier.