

Selection Guide

BINDER TAB	Model	Recovery			Heating Options			Cooling Options				Blower Type			Performance			Relative Cost
		Sensible (polymer)	Latent (silica gel)	Aluminum Plate	Hot Water	Indirect Gas	Electric	Wrap Around Heat Pipe	Chilled Water	Direct Expansion (DX)	Packaged Direct Expansion (DX)	Direct Evaporative	Indirect Evaporative	Forward Curved	Backward Inclined	Plenum	Minimum Volume (cfm)	

ENERGY RECOVERY

VENTILATORS WITH WHEEL & PLATE EXCHANGERS (NON-TEMPERED)	ERV	✓	✓										✓			500	12,000	1.5	\$\$
	ERVe	✓	✓										✓			1,000	6,000	1.5	\$\$
	MiniVent	✓	✓										✓			300	750	1	\$
	PVe			✓									✓			1,000	6,000	2	\$\$\$
VENTILATORS WITH HEATING & COOLING (TEMPERED)	ERH	✓	✓		✓	✓	✓						✓			1,000	10,000	1.5	\$\$
	ERCH	✓	✓		✓	✓	✓		✓	✓	✓		✓			1,000	10,000	1.5	\$\$\$
	RVE	✓	✓		✓	✓	✓		✓	✓	✓			✓		1,000	9,000	3	\$\$
	HRE	✓			✓	✓	✓					✓	✓	✓		1,000	8,300	1.5	\$\$\$
	ERT	✓	✓		✓		✓	✓	✓	✓				✓	✓	1,800	10,000	3	\$\$\$\$
	VersiVent	✓	✓		✓	✓	✓	✓	✓	✓				✓	✓	2,000	10,000	3	\$\$\$\$
APEX	✓	✓		✓		✓		✓	✓				✓	✓	10,000	20,000	2.5	\$\$\$\$	
ENERGY RECOVERY MODULES	ERM	✓	✓													500	10,000	-	\$



BINDER TAB	Model	Heating Options						Airflow Options		Cooling Options		Mounting Options			Performance			Relative Cost
		Direct Gas	Indirect Gas	Steam	Hot Water	Electric	None	VAV / 2-speed	Recirculation	Evaporative	Direct Expansion (DX)	Chilled Water	Indoor	Outdoor	Combo Curb	Minimum Volume (cfm)	Maximum Volume (cfm)	

MAKE-UP AIR

DIRECT GAS-FIRED	DGK	✓											✓			1,000	8,500	2	\$
	DG	✓								✓			✓	✓	✓	800	15,000	2	\$\$
	DGX	✓						✓	✓	✓	✓	✓	✓	✓	✓	800	48,000	3	\$\$\$
	TSU	✓						✓	✓	✓			✓	✓		30,000	64,000	3	\$\$\$\$
	VSU	✓						✓	✓				✓	✓		800	64,000	3	\$\$\$
INDIRECT GAS-FIRED	IGK		✓									✓		✓		1,500	5,000	2	\$\$
	IG		✓						✓	✓		✓	✓	✓		800	7,000	2	\$\$
	IGX		✓					✓	✓	✓	✓	✓	✓	✓		800	15,000	3	\$\$\$
	IGX-HV		✓					✓	✓	✓	✓	✓	✓	✓		800	15,000	3	\$\$\$
COIL HEATING/NO HEAT	MSX			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		800	48,000	3	\$\$
	KSFD						✓	✓					✓	✓		400	2,100	2.5	\$
	KSFB						✓	✓					✓	✓		1,000	10,500	2.5	\$
	TSF						✓	✓		✓			✓	✓		30,000	64,000	3	\$\$\$
	MPX		✓	✓	✓	✓	✓	✓		✓			✓	✓		1,000	9,000	3	\$\$
	RV		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		1,000	9,000	3	\$\$



Selection Guide

BINDER TAB	Model	Applications						Drive Type	Blower Type	Construction Options		Heating Options		Cooling Options		Filters				Performance			Relative Cost	
		Schools	Office Buildings	Hospitals	Cleans Rooms	High-end Residential	Conference Centers	Retrofit Project	Direct Drive	Belt Drive	Forward Curve	Backward Inclined	Low Profile Design	Modular Construction	Steam	Hot Water	Electric	Direct Expansion (DX)	Chilled Water	1-inch — 30% Efficient	2-inch — 30% Efficient	4-inch — 65% Efficient		4-inch — 95% Efficient

AIR HANDLERS AND FAN COILS

AIR HANDLERS & FAN COILS	LFC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	360	5,370	4.0	\$\$	
	MSCF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	360	5,370	4.5	\$\$\$
	VFCD	✓	✓			✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	300	4,000	1.5	\$
	VFC	✓	✓			✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	300	4,000	3.3	\$\$



LFC



MSCF

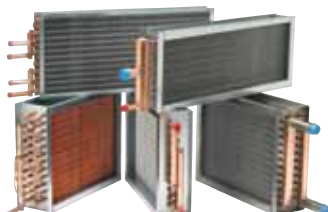


VFCD



VFC

Selection Guide for Coils

	Custom						Booster	
	Chilled Water	Hot Water	Direct Expansion (DX)	Condenser	Standard Steam	Steam Distributing	Hot Water	Standard Steam



COILS

Tube Diameter (inches)	3/8	✓	✓	✓	✓						
	1/2	✓	✓	✓	✓						
	5/8	✓	✓	✓	✓	✓	✓	✓	✓		
Rows	Minimum Rows	1	1	1	1	1	1	1	1		
	Maximum Rows	12	12	12	12	2	2	2	2		
Fin Height (inches)	Minimum	<i>Fin height is dependent on tube diameter (see Tube Diameter chart)</i>						6	6		
	Maximum							24	24		
	Increments of							3	3		
Fin Length (inches)	Minimum	<i>Minimum fin length is 1 inch</i>						6	6		
	Maximum							<i>Maximum fin length is 250 inches with center supports every 50 inches</i>		48*	48*
	Increments of									<i>No restrictions on fin length increments.</i>	
Recommended Face Velocity (FPM)	Minimum	400	500	400	600	500	500	500	500		
	Maximum	550	800	550	750	850	850	800	850		

Fin Height	Minimum	Maximum	Increments of
	3/8 inch	4.0	
1/2 inch	5.0	120	1.25
5/8 inch	4.5	120	1.50

*Booster coil fin lengths are dependent on the fin height.

