

## Fan Coil Units

Type: FC			Centrifugal Fan-Coils			Circuit type: 2 Pipes		
Model			450	600	800	1250	1450	1700
<b>Cooling</b>								
Air Temperature	D.B	F°	80	80	80	80	80	80
Air Temperature	W.B	F°	67	67	67	67	67	67
Input Water Temp		F°	45	45	45	45	45	45
Output Water Temp		F°	54	54	54	54	54	54
Water Flow	GPM	MAX	2.75	3.4	4.6	6	7	8.7
		MED	2.35	2.88	3.56	4.6	6.4	7.8
		MIN	1.88	2.24	3	3.25	5.1	6
Total Cooling Capacity	BTU	MAX	12413	15527	21104	27104	32264	39889
		MED	10654	13047	16302	20573	29501	35722
		MIN	8574	10051	13768	14901	22787	27389
Sensible Cooling Capacity	BTU	MAX	8561	10128	13914	17830	21402	26163
		MED	7261	8467	10653	13405	19525	23342
		MIN	5658	6479	8967	9283	14921	17778
Sensible Heat Ratio	SHR	MAX	0.69	0.65	0.66	0.66	0.66	0.66
		MED	0.68	0.65	0.65	0.65	0.66	0.65
		MIN	0.66	0.64	0.65	0.62	0.65	0.65
Leaving Air Temperature	F°	MAX	56.7	52.4	55.1	52.8	54.3	54.2
		MED	55.4	51.3	52.8	51.2	53.6	53.2
		MIN	53.9	50.1	51.7	50.1	51.8	51.4
Water Pressure drop	FT(H2O)	MAX	3.5	7.2	12.5	5.3	10	11.1
		MED	2.8	5.3	7.9	3.2	10	9
		MIN	1.8	3.5	5.8	1.6	10	5.8
<b>Heating</b>								
Air Temperature With D.B		F°	70	70	70	70	70	70
Input Water Temp		F°	160	160	160	160	160	160
Output Water Temp		F°	140	140	140	140	140	140
Water Flow	GPM	MAX	2.5	2.8	3.9	4.9	6	7.5
		MED	2.12	2.355	2.96	3.8	5.58	6.55
		MIN	1.68	1.83	2.5	2.65	4.2	5.1
Total Heating Capacity	BTU	MAX	24497	27555	38154	47801	59098	73625
		MED	20805	23083	29011	37103	54318	64160
		MIN	16358	17782	24505	26056	41184	50230
Water Pressure drop	FT(H2O)	MAX	2.3	3.9	7.2	2.8	3.9	10
		MED	1.8	2.8	4.4	1.8	3.5	5.3
		MIN	1.2	1.8	3.2	0.9	2.1	3.2
<b>Air Flow</b>								
Air Flow (Cooling and Heating)	CFM	MAX	347	347	529	600	788	958
		MED	279	279	370	441	705	823
		MIN	205	205	300	294	500	588