

Technical Service Data Sheet-Wall Mounted Type System 9C1

			Outdoor Temperature Dry Bulb (F)							
			70	82	95	110	115	120	125	130
Indoor Temperature Dry/Wet Bulb(F)	70/60	CAPACITY (BTU/h)	9,255	8,547	7,790	7,205	6,620	6,082	5,589	5,135
		INPUT (W)	750	847	952	1033	1113	1199	1292	1392
		AMPS (A)	7.3	8.0	8.9	9.6	10.2	10.8	11.5	12.2
		HI PR (kg/cm ² G)	11.7	14.5	17.3	19.5	21.7	24.1	26.9	29.9
		LO PR (kg/cm ² G)	4.4	4.7	4.9	5.0	5.1	5.2	5.3	5.4
	80/67	CAPACITY (BTU/h)	11010	10242	9,400	8555	7,710	6,948	6,262	5,644
		INPUT (W)	768	869	978	1077	1175	1282	1399	1526
		AMPS (A)	7.4	8.2	9.1	10.0	10.8	11.7	12.6	13.6
		HI PR (kg/cm ² G)	12.5	15.1	18.0	20.3	22.5	24.9	27.6	30.6
		LO PR (kg/cm ² G)	5.4	5.4	5.5	5.7	5.8	5.9	6.0	6.1
	90/73	CAPACITY (BTU/h)	12,866	11,969	10985	9,998	9,010	8,120	7,318	6,595
		INPUT (W)	801	906	1020	1123	1225	1337	1459	1591
		AMPS (A)	7.9	8.7	9.7	10.7	11.5	12.4	13.4	14.5
		HI PR (kg/cm ² G)	12.9	15.6	18.6	21.0	23.3	25.8	28.6	31.7
		LO PR (kg/cm ² G)	6.1	6.1	6.2	6.4	6.5	6.7	6.8	6.9

:Over the temperature guarantee range.

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		<i>Outdoor Temperature Dry Bulb (F) °</i>								
		70	82	95	110	115	120	125	130	
Indoor Temperature Dry/Wet Bulb (F)	70/60	CAPACITY (BTU/h)	9655	8659	7580	6745	5910	5,178	4,537	3,976
		INPUT (W)	785	879	981	1060	1138	1222	1312	1408
		AMPS (A)	7.4	8.1	8.9	9.7	10.4	11.2	12.0	12.8
		HI PR (kg/cm ² G)	12.7	15.3	17.9	20.0	22.1	24.4	27.0	29.8
		LO PR (kg/cm ² G)	4.4	4.6	4.8	5.0	5.1	5.2	5.3	5.4
	80/67	CAPACITY (BTU/h)	11200	10336	9400	8555	7710	6,948	6,262	5,644
		INPUT (W)	807	909	1020	1110	1199	1295	1399	1511
		AMPS (A)	7.5	8.5	9.4	10.2	11.0	11.9	12.8	13.8
		HI PR (kg/cm ² G)	13.6	16.1	18.9	20.9	22.9	25.1	27.5	30.1
		LO PR (kg/cm ² G)	5.1	5.3	5.5	5.7	5.8	5.9	6.0	6.1
	90/73	CAPACITY (BTU/h)	11,556	10,665	9699	8,827	7,955	7,169	6,461	5,823
		INPUT (W)	837	943	1058	1151	1244	1343	1451	1567
		AMPS (A)	7.9	9.0	9.9	10.7	11.6	12.5	13.5	14.5
		HI PR (kg/cm ² G)	14.0	16.6	19.5	21.6	23.6	25.9	28.4	31.1
		LO PR (kg/cm ² G)	5.9	6.2	6.4	6.6	6.7	6.9	7.0	7.1

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			<i>Outdoor Temperature Dry Bulb (F) °</i>							
			70	82	95	110	115	120	125	130
Indoor Temperature Dry/Wet Bulb(F)	70/60	CAPACITY (BTU/h)	11885	11057	10160	9465	8770	8,126	7,529	6,976
		INPUT (W)	978	1089	1210	1319	1427	1544	1670	1807
		AMPS (A)	8.7	9.7	10.6	11.7	12.7	13.8	15.0	16.2
		HI PR (kg/cm ² G)	11.5	14.0	16.8	19.2	21.5	24.1	27.0	30.2
		LO PR (kg/cm ² G)	4.2	4.3	4.4	4.6	4.7	4.8	4.9	5.0
		80/67	CAPACITY (BTU/h)	13200	12720	12200	11380	10560	9,799	9,093
	INPUT (W)	983	1111	1250	1369	1488	1617	1758	1911	
	AMPS (A)	8.7	9.9	11.1	12.2	13.2	14.3	15.5	16.7	
	HI PR (kg/cm ² G)	11.7	14.4	17.3	19.7	22.0	24.6	27.4	30.6	
	LO PR (kg/cm ² G)	4.4	4.7	5.0	5.2	5.3	5.4	5.5	5.6	
	90/73	CAPACITY (BTU/h)	15,110	14,560	13965	13,026	12,088	11,217	10,409	9,659
	INPUT (W)	1022	1155	1299	1423	1546	1681	1827	1986	
	AMPS (A)	9.0	10.3	11.5	12.6	13.7	14.8	16.0	17.3	
	HI PR (kg/cm ² G)	12.0	14.8	17.8	20.3	22.6	25.3	28.2	31.5	
	LO PR (kg/cm ² G)	4.7	5.0	5.3	5.5	5.6	5.7	5.8	5.9	

:Over the temperture guarantee range.

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		<i>Outdoor Temperature Dry Bulb (F) °</i>								
		70	82	95	110	115	120	125	130	
Indoor Temperature Dry/Wet Bulb (F)	70/60	CAPACITY (BTU/h)	10860	10050	9210	8559	7890	7,273	6,705	6,181
		INPUT (W)	985	1079	1180	1307	1434	1573	1726	1894
		AMPS (A)	8.5	9.3	10.3	11.3	12.3	13.4	14.6	15.9
		HI PR (kg/cm ² G)	12.4	14.9	17.7	19.8	21.9	24.2	26.8	29.6
		LO PR (kg/cm ² G)	4.0	4.2	4.4	4.6	4.7	4.8	4.9	5.0
	80/67	CAPACITY (BTU/h)	13375	12619	11800	10925	10050	9,245	8,505	7,823
		INPUT (W)	1014	1137	1270	1388	1505	1632	1769	1919
		AMPS (A)	8.7	9.7	10.9	11.9	12.9	14.0	15.2	16.4
		HI PR (kg/cm ² G)	13.1	15.6	18.4	20.7	23.0	25.6	28.4	31.6
		LO PR (kg/cm ² G)	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.7
	90/73	CAPACITY (BTU/h)	14,344	13,533	12655	11,717	10,778	9,915	9,121	8,390
		INPUT (W)	1080	1211	1353	1479	1603	1739	1885	2044
		AMPS (A)	9.3	10.4	11.7	12.8	13.8	15.0	16.3	17.6
		HI PR (kg/cm ² G)	13.9	16.5	19.5	21.9	24.4	27.1	30.1	33.4
		LO PR (kg/cm ² G)	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.3

:Over the temperature guarantee range.

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Cooling			<i>Outdoor Temperature Dry Bulb (F)</i>							
			70	82	95	110	115	120	125	130
Indoor Temperature Dry/Wet Bulb(F)	70/60	CAPACITY(BTU)	17,500	16,700	15,900	14,700	14,000	13,600	12,900	12,400
		INPUT(W)	1,500	1,630	1,710	1,870	1,910	2,020	2,090	2,150
		AMPS(A)	6.6	7.0	7.6	8.0	8.2	8.3	8.3	8.4
		HI PR(kg/cm ² G)	14.4	16.1	18.7	22.6	23.8	24.7	25.8	26.2
		LO PR(kg/cm ² G)	4.1	4.6	4.9	5.5	5.5	5.6	5.7	5.7
	80/67	CAPACITY(BTU)	20,200	19,230	17,800	16,600	16,010	15,360	14,690	14,056
		INPUT(W)	1,520	1,680	1,800	2,100	2,220	2,290	2,330	2,380
		AMPS(A)	7.1	7.5	8.1	8.5	8.7	8.9	8.9	8.9
		HI PR(kg/cm ² G)	15.2	17.4	20.0	23.8	25.4	26.3	27.3	28.0
		LO PR(kg/cm ² G)	4.5	5.1	5.5	5.7	5.7	5.8	5.8	5.9
	90/73	CAPACITY(BTU)	22,660	21,500	20,160	18,450	17,770	17,100	16,457	15,762
		INPUT(W)	1,540	1,800	2,030	2,200	2,320	2,390	2,440	2,490
		AMPS(A)	7.5	8.0	8.6	9.0	9.5	9.7	9.7	9.9
		HI PR(kg/cm ² G)	15.1	17.5	20.2	24.1	27.1	28.9	30.0	31.3
		LO PR(kg/cm ² G)	5.2	5.6	5.7	6.0	6.1	6.2	6.3	6.3

:Over the temperture guarantee range.

Technical Service Data Sheet - Wall Mounted Type System 18R1

Cooling			<i>Outdoor Temperature Dry Bulb (F)</i>							
			70	82	95	110	115	120	125	130
Indoor Temperature Dry/Wet Bulb(F)	70/60	CAPACITY(BTU)	17,230	16,280	15,240	13,980	13,480	12,970	12,640	12,110
		INPUT(W)	1,500	1,720	1,900	2,070	2,120	2,170	2,200	2,240
		AMPS(A)	6.8	7.4	7.7	8.1	8.3	8.4	8.4	8.5
		HI PR(kg/cm ² G)	14.6	17.0	19.2	24.1	25.1	26.0	26.5	26.8
		LO PR(kg/cm ² G)	4.1	4.6	5.0	5.6	5.6	5.7	5.8	5.8
	80/67	CAPACITY(BTU)	19,340	18,790	17,200	15,840	15,300	14,740	14,400	13,830
		INPUT(W)	1,550	1,760	1,850	2,180	2,240	2,300	2,360	2,410
		AMPS(A)	7.4	8.0	8.3	8.7	8.9	9.0	9.0	9.1
		HI PR(kg/cm ² G)	15.2	17.4	20.2	24.6	26.1	27.7	28.6	28.7
		LO PR(kg/cm ² G)	4.5	5.1	5.4	5.8	5.8	5.9	6.0	6.0
	90/73	CAPACITY(BTU)	21,960	20,870	19,660	18,150	17,550	16,940	16,550	15,920
		INPUT(W)	1,680	1,890	2,060	2,280	2,360	2,430	2,470	2,530
		AMPS(A)	8.1	8.6	9.0	9.4	9.6	9.8	9.9	9.9
		HI PR(kg/cm ² G)	17.5	19.3	21.4	24.8	26.7	29.1	30.9	31.4
		LO PR(kg/cm ² G)	5.2	5.7	5.8	6.2	6.3	6.4	6.4	6.5

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Technical Service Data Sheet - Wall Mounted Type System 24C1

Cooling		<i>Outdoor Temperature Dry Bulb (F)</i>								
		70	82	95	110	115	120	125	130	
Indoor Temperature Dry/Wet Bulb(F)	70/60	CAPACITY(BTU)	20,900	19,340	19,000	18,070	17,430	17,010	16,580	15,930
		INPUT(W)	1,710	1,790	2,070	2,260	2,320	2,470	2,540	2,630
		AMPS(A)	8.5	9.0	9.5	9.8	10.0	10.0	10.2	10.3
		HI PR(kg/cm ² G)	15.2	17.6	20.6	24.4	25.8	27.5	28.6	30.1
		LO PR(kg/cm ² G)	4.0	4.7	4.9	5.4	5.6	5.6	5.6	5.7
	80/67	CAPACITY(BTU)	24,600	23,200	23,000	21,500	19,600	19,850	19,340	18,610
		INPUT(W)	1,920	2,160	2,360	2,510	2,580	2,680	2,710	2,800
		AMPS(A)	9.1	9.8	10.7	11.4	11.4	11.4	11.5	11.6
		HI PR(kg/cm ² G)	15.7	18.0	21.2	24.3	26.6	28.5	29.6	31.1
		LO PR(kg/cm ² G)	4.8	5.0	5.2	5.6	5.8	5.8	5.9	5.9
	90/73	CAPACITY(BTU)	25,000	24,100	23,500	22,850	22,200	21,730	21,220	20,450
		INPUT(W)	2,060	2,270	2,480	2,610	2,700	2,770	2,860	2,910
		AMPS(A)	10.3	10.7	11.5	12.3	12.5	12.5	12.7	12.7
		HI PR(kg/cm ² G)	17.6	19.5	22.6	25.2	27.2	29.2	30.2	32.0
		LO PR(kg/cm ² G)	5.4	5.6	5.8	6.0	6.0	6.1	6.1	6.1

:Over the temperature guarantee range.

Technical Service Data Sheet - Wall Mounted Type System 24R1

Cooling		<i>Outdoor Temperature Dry Bulb (F)</i>								
		70	82	95	110	115	120	125	130	
Indoor Temperature Dry/Wet Bulb(F)	70/60	CAPACITY(BTU)	23,000	21,600	20,240	18,600	17,900	17,240	16,660	15,980
		INPUT(W)	1,700	1,870	2,030	2,220	2,300	2,410	2,530	2,610
		AMPS(A)	8.1	8.9	9.5	10.1	10.2	10.3	10.3	10.4
		HI PR(kg/cm ² G)	14.9	17.6	19.3	23.2	25.4	26.0	27.3	29.0
		LO PR(kg/cm ² G)	3.8	4.2	4.5	5.3	5.4	5.5	5.6	5.7
	80/67	CAPACITY(BTU)	26,100	24,000	23,500	22,800	20,500	19,800	19,580	18,820
		INPUT(W)	1,930	2,080	2,370	2,550	2,610	2,720	2,800	2,890
		AMPS(A)	9.0	9.8	10.5	11.2	11.3	11.3	11.4	11.5
		HI PR(kg/cm ² G)	16.4	18.5	21.2	26.2	27.6	29.3	30.4	32.1
		LO PR(kg/cm ² G)	4.5	4.9	5.2	6.0	6.1	6.2	6.3	6.3
	90/73	CAPACITY(BTU)	28,620	27,120	25,500	23,500	22,650	21,700	21,050	20,840
		INPUT(W)	2,130	2,210	2,450	2,670	2,730	2,810	2,880	2,970
		AMPS(A)	10.2	10.6	11.4	12.2	12.3	12.3	12.4	12.5
		HI PR(kg/cm ² G)	16.8	19.6	22.7	27.5	28.3	29.8	31.6	33.3
		LO PR(kg/cm ² G)	4.8	5.2	5.8	6.3	6.3	6.4	6.5	6.5

:Over the temperature guarantee range.

Technical Service Data Sheet - Ceiling Type System 30CS

		<i>Outdoor Temperature Dry Bulb (F)</i>								
		70	82	95	110	115	120	125	130	
Indoor Temperature Dry/Wet Bulb (F)	70/60	CAPACITY(BTU/h)	2776	27123	25149	22887	22136	21384	20633	19881
		INPUT(w)	2520	2596	2801	3023	3091	3168	3237	3314
		AMPS(A)	12.6	12.0	12.9	13.9	14.3	14.6	15.0	15.3
		HI PR(kg/.....)	13.8	14.7	17.3	20.1	21.1	22.1	23.0	24.0
		LO PR(kg/.....)	3.8	4.4	4.6	4.9	5.0	5.1	5.2	5.2
	80/67	CAPACITY(BTU/h)	3250	31760	29449	26800	25920	25040	24160	23280
		INPUT(w)	2950	3040	3280	3540	3620	3710	3790	3880
		AMPS(A)	14.4	13.7	14.7	15.9	16.3	16.7	17.1	17.5
		HI PR(kg/.....)	14.2	15.1	17.8	20.7	21.7	22.7	23.7	24.7
		LO PR(kg/.....)	4.2	4.9	5.1	5.4	5.5	5.6	5.7	5.8
	90/73	CAPACITY(BTU/h)	3387	33094	30686	27926	27009	26092	25175	24258
		INPUT(w)	3074	3168	3418	3689	3772	3866	3949	4043
		AMPS(A)	14.7	14.0	15.0	16.2	16.6	17.0	17.4	17.8
		HI PR(kg/.....)	14.9	15.8	18.7	21.7	22.7	23.8	24.8	25.9
		LO PR(kg/.....)	4.4	5.1	5.3	5.6	5.7	5.8	5.9	6.0

:Over the temperture guarantee range.

Technical Service Data Sheet - Ceiling Type System 36CS

			<i>Outdoor Temperature Dry Bulb (F)</i>							
			70	82	95	110	115	120	125	130
Indoor Temperature Dry/Wet Bulb (F)	70/60	CAPACITY(BTU/h)	39448	38391	35090	31313	30083	28806	27671	26630
		INPUT(w)	3470	3614	3850	4115	4248	4295	4380	4475
		AMPS(A)	17.2	17.0	18.0	19.0	19.4	19.8	20.2	20.5
		HI PR(kg/.....)	16.5	16.0	18.6	21.8	22.7	23.7	24.7	25.6
		LO PR(kg/.....)	4.9	5.3	5.7	6.1	6.3	6.4	6.6	6.7
	80/67	CAPACITY(BTU/h)	41700	40582	37093	33100	31800	30450	29250	28150
		INPUT(w)	3670	3820	4070	4350	4490	4540	3630	4730
		AMPS(A)	18.0	17.8	18.8	19.9	20.3	20.7	21.1	21.4
		HI PR(kg/.....)	17.0	16.5	19.2	22.4	23.4	24.4	25.4	26.4
		LO PR(kg/.....)	5.0	5.4	5.8	6.2	6.4	6.5	6.7	6.8
	90/73	CAPACITY(BTU/h)	44411	43220	39504	35252	33867	32429	31151	29980
		INPUT(w)	3909	4068	4335	4631	4782	4835	4931	5037
		AMPS(A)	18.9	18.7	19.7	20.9	21.3	21.7	22.2	22.5
		HI PR(kg/.....)	17.8	17.3	20.1	23.5	24.5	25.6	26.6	27.7
		LO PR(kg/.....)	5.1	5.5	5.9	6.3	6.5	6.6	6.8	6.9

:Over the temperture guarantee range.

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