LOAD AIR SCHEDULE FOR CHILLER AIR CONDITION

FLOOR	UNIT (FCU,AHU)	(SETS)	TYPE	UNIT DATA									ROOM CONDITION		ELECTRICAL DATA			REMARKS
				TOTAL COOLING CAPACITY @ BTU/H	SUPPLY AIR @ CFM	OUTDOOR AIR INTAKE @ CFM (FRESH AIR CRELL)	ENTERING AIR TEMPERATURE °FDB	ENTERING AIR TEMPERATURE °FWB	LEAVING AIR TEMPERATURE °FDB	LEAVING AIR TEMPERATURE °FWB	45 °F WATER FLOW WATER US.GPM	DRAIN SIZE ø INCH.	APPROXIMATE EXTERNAL STATIC PRESSURE (inch.wg)	OUT DOOR Fdb/Fwb	IN DOOR Fdb/RH	FAN MOTOR POWER (kw)	FAN MOTOR EE.POWER V/Ø/Hz	FAN MOTOR STARTER	
1 st.																		NOTE:
	FCU-1/1,14,28,29	4	CEILING	12,000	400	-	80	67	60	56	2.40	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-1/7,9,11,16-18	6	CEILING	18,000	600	-	80	67	60	56	3.60	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-1/3,10,20,21	4	CEILING	24,000	800	-	80	67	60	56	4.80	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-1/27	1	CEILING	30,000	1,000	-	80	67	60	56	6.00	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-1/2	1	CEILING	36,000	1,200	-	80	67	60	56	7.20	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-1/5	1	DUCT	12,000	400	60 (6"x6")	80	67	60	56	2.40	3/4	0.25	95/83	75/55	-	220/1/50	-	
	FCU-1/4,15,19	3	DUCT	24,000	800	120 (8"x6")	80	67	60	56	5.0	3/4	0.32	95/83	75/55	-	220/1/50	-	
	FCU-1/8,12,13,22,23	5	DUCT	30,000	1,000	150 (8"x6")	80	67	60	56	6.00	3/4	0.35	95/83	75/55	-	220/1/50	-	
	FCU-1/24,27,31	3	DUCT	30,000	1,000	150 (8"x6")	80	67	60	56	6.00	3/4	0.35	95/83	75/55	-	220/1/50	-	
	FCU-1/6	1	DUCT	36,000	1,200	180 (8"x8")	80	67	60	56	7.20	3/4	0.35	95/83	75/55	-	220/1/50	-	
	FCU-1/25	1	DUCT	40,000	1,500	220 (10"x8")	80	67	60	56	8.00	3/4	0.38	95/83	75/55	-	220/1/50	-	
	FCU-1/30-32	3	DUCT	48,000	1,600	240 (10"x8")	80	67	60	56	8.60	3/4	0.40	95/83	75/55	-	380/3/50	DOL	
	FCU-1/26	1	DUCT	54,000	1,800	270 (10"x8")	80	67	60	56	10.80	3/4	0.40	95/83	75/55	-	380/3/50	DOL	
2 nd.	FCU-2/14,15,17,18,31	5	CEILING	12,000	400	-	80	67	60	56	2.40	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/37	1	CEILING	18,000	600	-	80	67	60	56	3.60	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/11,21,23,24	4	CEILING	20,000	600	-	80	67	60	56	4.00	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/25,26,35,36	4	CEILING	20,000	600	-	80	67	60	56	4.00	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/9,10,18,30	4	CEILING	24,000	800	-	80	67	60	56	4.80	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/32,33,34,38	4	CEILING	24,000	800	-	80	67	60	56	4.80	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/12	1	CEILING	30,000	1,000	-	80	67	60	56	6.00	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/6,22	2	CEILING	32,000	1,000	-	80	67	60	56	6.40	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/13,16,20	3	CEILING	36,000	1,200	-	80	67	60	56	7.20	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/27,28,29	3	CEILING	36,000	1,200	-	80	67	60	56	7.20	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-2/1-7	7	CASSTE	42,000	1,400	-	80	67	60	56	8.40	3/4	-	95/83	75/55	-	220/1/50	-	

LOAD AIR SCHEDULE FOR CHILLER AIR CONDITION

FLOOR	UNIT NO. (FCU/AHU)	QTY (SETS)	TYPE	UNIT DATA									ROOM CONDITION		ELECTRICAL DATA			REMARKS
				TOTAL COOLING CAPACITY @ BTU/H	SUPPLY AIR @ CFM	OUTDOOR AIR INTAKE @ CFM (FRESH AIR CRELL)	ENTERING AIR TEMPERATURE		LEAVING AIR TEMPERATURE		45 F WATER FLOW WATER US.GPM	DRAIN SIZE Ø INCH.	APPROXIMATE EXTERNAL STATIC PRESSURE (Inch.wg)	OUT DOOR	IN DOOR	FAN MOTOR			
							'FDB	'FWB	'FDB	'FWB				Fdb/Fwb	Fdb/Fwb	POWER (kw)	EE.POWER V/Ø/Hz	STARTER	
3 rd.																			NOTE:
	FCU-3/3-5,15,16	5	CEILING	12,000	400	–	80	67	60	58	2.40	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-3/6,8-12,17,18	8	CEILING	18,000	600	–	80	67	60	58	3.60	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-3/7,13	2	CEILING	24,000	800	–	80	67	60	58	4.80	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-3/1,2	2	DUCT	15,000	500	75 (6"x6")	80	67	60	58	3.00	3/4	0.28	95/83	75/55	–	220/1/50	–	
	FCU-3/19,20,21,22	4	DUCT	20,000	600	100 (8"x6")	80	67	60	58	4.20	3/4	0.28	95/83	75/55	–	220/1/50	–	
	FCU-3/14	1	DUCT	48,000	1,600	240 (10"x8")	80	67	60	58	9.60	3/4	0.40	95/83	75/55	–	380/3/50	–	
	AHU-3/1	1	DUCT	108,000	3,600	540 (18"x10")	80	67	60	58	22.00	1	0.58	95/83	75/55	–	380/3/50	DOL.	
	AHU-3/2	1	DUCT	85,000	2,800	420 (14"x10")	80	67	60	58	17.00	1	0.52	95/83	75/55	–	380/3/50	DOL.	
	AHU-3/3	1	DUCT	180,000	6,000	900 (20"x10")	80	67	60	58	36.00	1 1/4	1.25	95/83	75/55	–	380/3/50	DOL.	DOUBLE SKIN AHU.
	AHU-3/4	1	DUCT	265,000	8,700	1,300 (24"x12")	80	67	60	58	53.00	1 1/2	1.50	95/83	75/55	–	380/3/50	VSD	DOUBLE SKIN AHU.
4 th.	FCU-4/6	1	CEILING	12,000	400	–	80	67	60	58	2.40	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-4/3-5,10,11-13	7	CEILING	18,000	600	–	80	67	60	58	3.60	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-4/7	1	CEILING	20,000	600	–	80	67	60	58	4.00	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-4/8,9	2	CEILING	24,000	800	–	80	67	60	58	4.80	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-4/1,2	2	DUCT	15,000	500	75 (6"x6")	80	67	60	58	3.00	3/4	0.28	95/83	75/55	–	220/1/50	–	
	FCU-4/14,15,16	3	DUCT	20,000	600	100 (8"x6")	80	67	60	58	4.20	3/4	0.28	95/83	75/55	–	220/1/50	–	
	AHU-4/1,2,3	3	DUCT	85,000	2,800	420 (14"x10")	80	67	60	58	17.00	1	0.52	95/83	75/55	–	380/3/50	DOL.	
	AHU-4/4	1	DUCT	265,000	8,700	1,300 (24"x12")	80	67	60	58	53.00	1 1/2	1.50	95/83	75/55	–	380/3/50	VSD	DOUBLE SKIN AHU.
	AHU-4/5	1	DUCT	315,000	10,500	1,500 (24"x12")	80	67	60	58	63.00	1 1/2	1.65	95/83	75/55	–	380/3/50	VSD	DOUBLE SKIN AHU.

LOAD AIR SCHEDULE FOR CHILLER AIR CONDITION

FLOOR	UNIT (FCU,AHU)	QTY (SETS)	TYPE	UNIT DATA									ROOM CONDITION		ELECTRICAL DATA			REMARKS
				TOTAL COOLING CAPACITY @ BTU/H	SUPPLY AIR @ CFM	OUTDOOR AIR INTAKE @ CFM (FRESH AIR GRELL)	ENTERING AIR TEMPERATURE °FDB	ENTERING AIR TEMPERATURE °FWB	LEAVING AIR TEMPERATURE °FDB	LEAVING AIR TEMPERATURE °FWB	45 °F WATER FLOW WATER USGPM	DRAIN SIZE @ INCH.	APPROXIMATE EXTERNAL STATIC PRESSURE (inch.wg)	OUT DOOR Fdb/Fwb	IN DOOR Fdb/RH	FAN MOTOR POWER (kw)	FAN MOTOR EE.POWER V/Ø/Hz	FAN MOTOR STARTER	
5 th.																		NOTE:
	FCU-5/5,8,9	3	CEILING	12,000	400	-	80	67	60	58	2.40	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-5/2,6,7	3	CEILING	18,000	600	-	80	67	60	58	3.60	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-5/1,3	2	CEILING	20,000	800	-	80	67	60	58	4.00	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-5/13	1	DUCT	18,000	600	90 (6"x6")	80	67	60	58	3.60	3/4	0.28	95/83	75/55	-	220/1/50	-	
	FCU-5/11,12	2	DUCT	24,000	800	120 (8"x6")	80	67	60	58	5.0	3/4	0.32	95/83	75/55	-	220/1/50	-	
	FCU-5/16	1	DUCT	24,000	800	120 (8"x6")	80	67	60	58	5.0	3/4	0.39	95/83	75/55	-	220/1/50	-	
	FCU-5/10	1	DUCT	30,000	1,000	150 (8"x6")	80	67	60	58	6.00	3/4	0.35	95/83	75/55	-	220/1/50	-	
	FCU-5/4	1	DUCT	42,000	1,400	220 (10"x8")	80	67	60	58	8.00	3/4	0.39	95/83	75/55	-	220/1/50	-	
	AHU-5/20	1	DUCT	90,000	3,000	450 (14"x10")	80	67	60	58	18.00	1	1.28	95/83	75/55	-	380/3/50	DOL.	
	AHU-5/15	1	DUCT	102,000	3,400	500 (16"x10")	80	67	60	58	20.50	1	0.85	95/83	75/55	-	380/3/50	DOL.	DOUBLE SKIN AHU.
	AHU-5/14	1	DUCT	294,000	9,500	1,400 (20"x10")	80	67	60	58	57.00	1 1/2	1.35	95/83	75/55	-	380/3/50	VSD.	DOUBLE SKIN AHU.
	AHU-5/17,18,19	3	DUCT	98,000	2,200	440 (16"x10")	80	67	60	58	18.00	1 1/4	3.65	95/83	75/55	-	380/3/50	VSD.	DOUBLE SKIN AHU.
6 th.																			
	FCU-6/1,11	2	CEILING	12,000	400	-	80	67	60	58	2.40	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-6/4,7,9	3	CEILING	18,000	600	-	80	67	60	58	3.60	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-6/3,5,6,8	4	CEILING	24,000	800	-	80	67	60	58	4.80	3/4	-	95/83	75/55	-	220/1/50	-	
	FCU-6/2,10,13-16	8	CEILING	36,000	1,200	-	80	67	60	58	7.20	3/4	-	95/83	75/55	-	220/1/50	-	
	AHU-6/1	1	DUCT	90,000	3,000	450 (14"x10")	80	67	60	58	18.00	1	1.28	95/83	75/55	-	380/3/50	DOL.	
	AHU-6/2,10	2	DUCT	75,000	1,800	360 (12"x10")	80	67	60	58	15.00	1	3.65	95/83	75/55	-	380/3/50	VSD.	DOUBLE SKIN AHU.
	AHU-6/3,4,5	3	DUCT	60,000	1,400	280 (10"x10")	80	67	60	58	12.00	1	3.00	95/83	75/55	-	380/3/50	VSD.	DOUBLE SKIN AHU.
	AHU-6/6,7,9,11	4	DUCT	108,000	2,600	520 (16"x10")	80	67	60	58	22.00	1 1/4	3.65	95/83	75/55	-	380/3/50	VSD.	DOUBLE SKIN AHU.
	AHU-6/8,12,13	3	DUCT	98,000	2,200	440 (16"x10")	80	67	60	58	18.00	1 1/4	3.65	95/83	75/55	-	380/3/50	VSD.	DOUBLE SKIN AHU.

LOAD AIR SCHEDULE FOR CHILLER AIR CONDITION

'F'L'O'O'R	'U'N'I'T 'N'O'Q}'t'y (Fc,AHU)	(SETS)	'T'Y'P'E	'U'N'I'T 'D'A'T'A									ROOM CONDITION		ELECTRICAL DATA			REMARKS
				TOTAL COOLING CAPACITY ● BTU/H	SUPPLY AIR ● CFM	OUTDOOR AIR INTAKE @ CFM (FRESH AIR GRELL)	ENTERING AIR TEMPERATURE		LEAVING AIR TEMPERATURE		45 'F WATER FLOW WATER LGL.GPM	DRAIN SIZE Ø INCH.	APPROXIMATE EXTERNAL STATIC PRESSURE (Inch.wg)	OUT DOOR	IN DOOR	FAN MOTOR			
							'FDB	'FWB	'FDB	'FWB				Fdb/Fwb.	Fdb%RH	POWER (kw)	EE.POWER V/Ø/Hz	STARTER	
7 th.																			NOTE:
	FCU-7/1,7	2	CEILING	12,000	400	–	80	67	60	58	2.40	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-7/3,6	2	CEILING	18,000	600	–	80	67	60	58	3.60	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-7/9	1	CEILING	20,000	600	–	80	67	60	58	4.00	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-7/4,5,11	3	CEILING	24,000	800	–	80	67	60	58	4.80	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-7/8,10	2	CEILING	30,000	1,000	–	80	67	60	58	6.00	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-7/2,14	2	CEILING	36,000	1,200	–	80	67	60	58	7.20	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-7/12,13	2	CEILING	42,000	1,400	–	80	67	60	58	8.50	3/4	–	95/83	75/55	–	220/1/50	–	
	AHU-7/3	1	DUCT	48,000	1,600	230 (10"x8")	80	67	60	58	10.00	3/4	0.36	95/83	75/55	–	220/1/50	–	
	AHU-7/2,4	2	DUCT	65,000	2,800	430 (14"x10")	80	67	60	58	17.00	1	0.85	95/83	75/55	–	380/3/50	DOL.	DOUBLE SKIN AHU.
	AHU-7/5,9,12	3	DUCT	96,000	2,200	440 (16"x10")	80	67	60	58	18.00	1 1/4	3.65	95/83	75/55	–	380/3/50	VSD.	DOUBLE SKIN AHU.
	AHU-7/6,7,8,10,11,13	6	DUCT	108,000	2,600	520 (16"x10")	80	67	60	58	22.00	1 1/4	3.65	95/83	75/55	–	380/3/50	VSD.	DOUBLE SKIN AHU.
	FCU-8/9,10	2	CEILING	18,000	600	–	80	67	60	58	3.60	3/4	–	95/83	75/55	–	220/1/50	–	
	FCU-8/5,6	2	DUCT	24,000	800	120 (8"x6")	80	67	60	58	5.0	3/4	0.32	95/83	75/55	–	220/1/50	–	
	FCU-8/7,12	2	DUCT	36,000	1,200	180 (8"x8")	80	67	60	58	7.20	3/4	0.34	95/83	75/55	–	220/1/50	–	
	FCU-8/3	1	DUCT	54,000	1,800	270 (10"x8")	80	67	60	58	11.00	3/4	0.30	95/83	75/55	–	220/1/50	–	
	FCU-8/2,4	2	DUCT	75,000	2,500	375 (10"x10")	80	67	60	58	15.00	1	0.42	95/83	75/55	–	380/3/50	DOL.	
	FCU-8/1	1	DUCT	204,000	6,800	1000(20"x10")	80	67	60	58	41.00	1 1/2	0.85	95/83	75/55	–	380/3/50	VSD.	
	FCU-8/8	1	DUCT	264,000	8,750	1300(24"x10")	80	67	60	58	53.00	1 1/2	0.85	95/83	75/55	–	380/3/50	VSD.	
	FCU-8/10,11	2	DUCT	120,000	2,500	500 (18"x10")	80	67	60	58	24.00	1 1/4	3.65	95/83	75/55	–	380/3/50	VSD.	DOUBLE SKIN AHU.
	FCU-8/9	1	DUCT	150,000	3,400	680 (24"x12")	80	67	60	58	28.00	1 1/4	3.65	95/83	75/55	–	380/3/50	VSD.	DOUBLE SKIN AHU.