

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE

AIR HANDLER UNIT DATA

MARK		AH11	AH12	AH13	AH14	AH15
LOCATION		BLDG 1, 1ST FL	BLDG 1, 1ST FL	BLDG 1, 2ND FL	BLDG 1, 2ND FL	OUTSIDE AIR UNIT
TOTAL CFM		5,780	7,300	6,895	8,110	9,405
FRESH AIR CFM		2,160	2,220	2,355	2,670	9,405
SUPPLY FAN	EXTERNAL STATIC PRESSURE (IN. W.G.)	2.25	2.25	2.0	2.0	0.5
	TOTAL STATIC PRESSURE (IN. W.G.)	3.77	3.3	3.58	3.11	1.61
	FAN RPM	1,269	899	1,046	862	586
	TYPE	FCDTH	FCDTH	FCDTH	FCDTH	FCDTH
	MAXIMUM BHP	5.5	6.1	5.9	6.4	4.6
	MOTOR HP	7.5	7.5	7.5	7.5	5.0
	TYPE	ODP	ODP	ODP	ODP	ODP
	ELECTRICAL (VOLTAGE/PHASE/HERTZ)	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
COOLING COIL (DX)	EAT-DB (°F)/EAT-WB (°F) - MIXED	68.0/60.3	69.1/60.5	68.5/60.4	68.3/60.4	89.2/77.8
	LAT-DB (°F)/LAT-WB (°F)	54.5/53.7	54.2/53.3	54.4/53.6	54.2/53.3	58.0/57.8
	TOTAL BTUH	109,320	152,069	134,957	166,455	691,368
	SENSIBLE BTUH	84,793	118,287	105,746	127,876	318,378
	MAXIMUM FACE VELOCITY (FT/MIN)	550	451	530	501	452
	MAX. AIR PRESSURE DROP (IN. W.G.)	1.0	0.75	0.83	0.61	0.81
	ROWS / FINS PER INCH / CIRCUITS	6/11/-	6/14/-	6/8/-	4/11/-	6/14/-
	TYPE	T/A PLEATED FLAT	T/A PLEATED FLAT	T/A PLEATED FLAT	T/A PLEATED FLAT	T/A PLEATED ANGLE
FILTER	EFFICIENCY	35%	35%	35%	35%	60%
	PRESSURE DROP (IN. W.G.)	0.11	0.11	0.11	0.11	0.25
OPERATING WEIGHT (LBS)		1,617	1,921	1,921	1,921	2,197
MANUFACTURER		CARRIER	CARRIER	CARRIER	CARRIER	CARRIER
MODEL		39T-11LFA	39T-17LFA	39T-13LFA	39T-17LFA	39T-21LFA
NOTES		1, 2, 3, 4, 6, & 7	1, 2, 3, 4, 6, & 7	1, 2, 3, 4, 6, & 7	1, 2, 3, 4, 6, & 7	1, 2, 3, 4, 5, 6, 7, & 11

CONDENSING UNIT DATA

MARK	CU11	CU12	CU13	CU14	CU15
OUTDOOR TEMPERATURE (°F)	95	95	95	95	95
ELECTRICAL (VOLTAGE/PHASE/HERTZ)	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
MINIMUM CIRCUIT AMPACITY (MCA/MOCP)	26.3/35	31.7/50	31.7/50	40.7/60	113.1/150
COMPRESSOR AMPERES (RLA/LRA)	19.9/99	22.1/80	22.1/80	29.3/120	1⓪43.6&1⓪46.8/253
CONDENSOR FAN AMPERES (FLA)	1.4	1⓪2.3&1⓪1.9	1⓪2.3&1⓪1.9	1⓪2.3&1⓪1.9	2⓪2.8EA&2⓪2.7EA
EFFICIENCY @ ARI CONDITIONS (SEER/EER)	-/10.7	-/11.8	-/11.8	-/10.5	-/10.5
OPERATING WEIGHT (LBS)	564	779	779	789	3,565
MANUFACTURER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER
MODEL	38AKS009	38AKS014	38AKS014	38AKS016	38AH064D
NOTES	8	8	8	8	8 & 10

NOTES

1. PROVIDE POSITIVE SLOPED STAINLESS STEEL DRAIN PAN, BRASS COIL CONNECTIONS, BRASS VENTS AND DRAINS, REMOTE BEARING LUBRICATION LINES EXTENDED THROUGH THE COIL CASINGS AND STAINLESS STEEL COIL CASINGS.
2. PROVIDE DOUBLE WALL UNIT, MINIMUM 2", THROUGHOUT UNIT INCLUDING DRAIN PAN AND COOLING COIL SECTION.
3. PROVIDE PREMIUM EFFICIENT MOTORS. SEE SPECIFICATIONS.
4. PROVIDE MAGNAHELIC DIFFERENTIAL PRESSURE GAGE AT FILTERS.
5. PROVIDE CONTROLS (RELAYS/CONTACTS) TO CLOSE MOTORIZED OA DAMPER UPON UNIT SHUT DOWN.
6. MECHANICAL CONTRACTOR SHALL FURNISH ALL REQUIRED STARTERS AND CONTACTORS FOR THE AIR HANDLERS IN ACCORDANCE WITH DIVISION 16 SPECIFICATIONS, AND SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.
7. PROVIDE EXTERNAL VIBRATION ISOLATION ON NON-INTERNALLY ISOLATED AIR HANDLERS.
8. PROVIDE 5 MINUTE TIME DELAY COMPRESSOR STARTING RELAY. PROVIDE REMOVABLE CORE FILTER DRIERS, DISCHARGE MUFFLERS AND SIGHT GLASSES IN EACH REFRIGERANT CIRCUIT.
9. OMITTED
10. PROVIDE OPTIONAL UNLOADER TO UNLOAD COMPRESSORS DOWN TO 17% CAPACITY.
11. EVAPORATOR COILS IN 100% OUTSIDE AIR STREAMS SHALL BE COPPER FINS ON COPPER TUBES AND SHALL BE COATED PER SPECIFICATIONS.