ISPLIT SYSTEM DX OUTDOOR UNITS

O. L.	01012	-171 -/ 1			/ <b>/</b> /(\	O141																									`
TAG	LOCATION	DX COC	LING DA	TA	DX HS	ĄTING :	ATAC		OUTDO	OOR FA	N DATA	4		CO	MPRES	SOR DA	4TA			UN	T ELECTS	RICAL DA	ATA		Ú	NIT DIE	KENSK	ONS	MANUFACTURER	MODEL	APPLICABLE
			AMBIENT																									MAX.		"""	REMARKS
	,	CAPACITY	TEMP.	SEER	CAPACIT	A COMD	COP	NO.	H.P.	VOLT	PΗ			STEPS	RLA	FLA	VOLT.	PH.	# CONV	MCA	BRAKER	NEMA	VOLT	₽H		INCHES	}	WEIGHT	Ī		
		STU/HR.					F @ ARI		(EA)			(TOTAL)			(EA)	(EA.)					SIZE	CLASS			<b>W</b>	១	H	LBS			
ACCU-1	OUTSIDE	96,000	115	14.0	108,000	47	-	1	-	460	3	6200	-	-	-		460	3	1	_	20.0		460	3	39	30	65	558	MITSUBISHI, CITY-MULT	PUHY-P96YKMU-A	NOTE A-F
REMARKS:																															

- A: PROVIDE WITH SINGLE BC CONTROLLER, 2081/1PH
- B: LOW AMBIENT KIT
- C: FACTORY INSTALLED DISCONNECT D: 7 YEAR COMPRESSOR WARRANTY FOR EACH COMPRESSOR

E: 5 YEAR WARRANTY ON PARTS F: PROVIDE WITH SEACOAST PROTECTION OPTION

## DUCTLESS SPLIT SYSTEM DX INDOOR UNITS

SYMBOL	LOCATION	TYPE			ATAC V			DX CC	OLING	DATA		DX H	EATING	ATAC 6	FA	N MOTO	R DATA		Ü	NIT ELE	CTRICAL	DAT	Α	-	UNIT DIM	ENSION	NS	MANUFACTURER	MODEL	APPLICABLE
				1	1	EXTERNAL																	FACTORY				MAX	- ········ · · · · · · · · · · · · · ·	14102122	REMARKS
				AR(MIN)	AIR	STATIC P										VOLT	PH	#CONN.	. MCA	FUSE	VOLT	РH	:NSTALLED		INCHES		WEIGHT		,	7 12 17 17 17 17 17 17 17 17 17 17 17 17 17
			CFM	CFM		IN W.G.	BTU/H	BTU/H	DB	WB	DEG. F	BTU/H	DB	DEG. F	=								DISCONNECT	L	W	Н	LBS			
ACU-1	ELECT, ROOM	HIGH WALL	920	710	0	0.2	30,000	-	80	67	95	34.000	70	45	0.5	208/230	1	-	_	-	208/230	1	YES	46.3	12	15		MITSUBISHI CITY-MULTY	PKFY-P30NKMU-E2	NOTE A-E
ACU-2	ELECT, ROOM	HIGH WALL	920	710	0	0.2	30,000	_	80	67	95	34,000	70	45	0.5	208/230		_	-	_	208/230	1	YES	46.3	12	15		MITSUBISHI, CITY-MULTY	PKFY-P30NKMU-E2	
ACU-3	OFFICE 1	HIGH WALL	425	320	0	0.2	18,000	_	80	67	95	20,000	70	<b>4</b> 5	9.3	208/238			<u> </u>		209/230	1	YES	36	12	15		MITSUBISHI, CITY-MULTY		NOTE A-E
ACU-4	OFFICE 2	HIGH WALL	425	320	0	0.2	18,000	_	80	67	95	20,000		45	9.3	208/238		_	_	_	209/230	1	YES	36	12	16		MITSUBISHI, CITY-MULTY	PKFY-P18NHMU-E2 PKFY-P18NHMU-E2	NOTE A-E NOTE A-E

- A: PROVIDE WALL MOUNTING BRACKET
- B: FLA IS FOR INDOOR UNIT
- C: FACTORY INSTALLED DISCONNECT

- D: PROVIDE WITH INDIVIDUAL ZONE CONTROLLER
- E: 5 YEAR WARRANTY ON PARTS AND DEFECTS

### SHRAEDER ACCESS FITTING (TYPICAL) OMIT IF INCLUDED WITH UNIT. SOLENOID VALVE (IF REQ'D BY MFG.) -- FILTER DRYER (BI-FLOW TYPE FOR HEAT PUMP) SIGHT GLASS (IF THERMAL EXPANSION REFRIG. SERVICE/SHUT-OFF VALVE IS USED). VALVE (TYP) (OMIT IF INCLUDED WITH UNIT) - AIR COOLED CONDENSING REPLEN THERMAL EXPANSION VALVE (IF REQ'D BY MFG) - CONDENSATE DRAIN PIPE (REFER TO SPECS) STRUCTURE L EVAPORATOR COIL ON REINF CONC FOUNDATIUON SCHRAEDER ACCESS FITTING (TYP) (OMIT IF INCLUDED PROVIDE RISER TRAPS WHEN-CONDENSING UNIT IS ABOVE WITH UNIT) EVAPORATOR

### NOTES:

- 1. CONTRACTOR SHALL SUBMIT A REFRIGERANT PIPING DIAGRAM APPROVED BY THE CONDENSING UNIT MANUFACTURER BEFORE PROCEEDING WITH WORK. (REFER TO SPECIFICATIONS FOR REFRIGERANT PIPING INSTALLATION REQUIREMENTS)
- 2. DELETE ANY VALVES OR MATERIALS THAT ARE FURNISHED WITH UNIT.
- 3. REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURER OPTIMUM PERFORMANCE RATING.

# REFIGERANT PIPING

2323-184

# SEQUENCE OF OPERATION: ACU-1 THRU 4 AND ACCU-1

### OPERATING SETPOINTS FOR ELECTRICAL ROOM:

SPACE HEATING TEMPERATURE: INITIALLY 55 DEGREES F +/- 2 DEGREES F (ADJUSTABLE)
SPACE COOLING TEMPERATURE: INITIALLY 80 DEGREES F +/- 2 DEGREES F (ADJUSTABLE)

### OPERATING SETPOINTS FOR OFFICE SPACE:

SPACE HEATING TEMPERATURE: INITIALLY 70 DEGREES F +/- 2 DEGREES F (ADJUSTABLE) SPACE COOLING TEMPERATURE: INITIALLY 75 DEGREES F +/- 2 DEGREES F

GENERAL: THE SYSTEM SHALL BE CAPABLE OF MAINTAINING SIMULTANEOUS HEATING AND COOLING REQUIREMENTS IN DIFFERENT

### COOLING MODE:

ON A CALL FOR COOLING, AS SENSED BY THE SPACE MOUNTED THERMOSTAT/ZONE CONTROLLER, THE UNIT SUPPLY FAN SHALL BE ENERGIZED AND THE UNIT'S COOLING CYCLES SHALL BE ENABLED AND SHALL CYCLE TO MAINTAIN SPACE TEMPERATURE SETPOINT.

ON A CALL FOR HEATING, AS SENSED BY THE SPACE MOUNTED THERMOSTAT/ZONE CONTROLLER THE UNIT'S DX HEATING SHALL BE ENERGIZED TO MAINTAIN SPACE TEMPERATURE SETPOINT.

			¥		JALL
			BY AF		ר
				APVD	
			`		JALLEN
			REVISION	꾮	
			RE	DR	UZZAMAN JC HALEC J ALLEN
					UZZAMAN
			DATE		M SHAFIQUZZ/
			NO.	DSGN	MS
		- L			

**VERIFY SCALE** BAR IS ONE INCH ON ORIGINAL DRAWING.

**JUNE 2014** 475481 (C) BS-6001 23 of 37