## VARIABLE REFRIGERANT VOLUME - AIR-COOLED CONDENSING UNIT SCHEDULE

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TAG: ROOM	BASIS OF DESIGN	l l	DESCRIPTION		COOLING CAPA	ACITY	HE	ATING CAPACITY	REFRIGERA	ANT CHARGE	CONNECTION RATIO	VOLTAGE-		MIN C	IRCUIT (MCA)		MAX	OVERCURREN	<b>I</b>	RUN CURRE	NING NT(RLA)		DIMENSIONS			EFFICIE	NCY (Non	nDucted/I	Oucted or	Specific Co	ombo)		NOTES	Options and Accessories
	(DAIKIN)	TONNAGE	:	вті	U/h AMBIENT DE	ESIGN (°F I	DB) BTU/ł	AMBIENT DESIGN (°F DB / WB)	Factory Charge (lbs)	Add'l Refrigerant (lbs	(%)	PHASE		#1 mod #2	mod #3 tot	al mo	od #1 mo	od #2 mod #3	3 total mod #	‡1 mod #	2 mod #3 t	total	(WxHxD) (inch)	WEIGHT (lbs)	EER	IEER	COP	47 C	OP17	SCHE	SEER	HSPF		
				(2)			1			·		T		1												-   /			_ /		T	1	<del></del>	
CU-1 (DOAS-1-2-3)		26	Air cooled heat recovery		2,666 92	2.2	246,83	<u>'</u>	51.6	NA NA		208V - 230V			+	0.2 70	0.0 7	70.0	125.0 49.0				48.9 x 66.7 x 30.2 / 48.9 x 66.7 x 30.2	<u> </u>					9 / 2.05	24.3 / 20.7	NA	NA	+	BHFP26P100UA (1), EKEQDCBAV3-US (4)
CU-2 (DOAS-8-9-10	REYQ192XATJB	16	Air cooled heat recovery	(2) 192	2,407   92	2.2	177,51	13.0 / 10.0	51.6	I NA		208V - 230V		38.1	76	.2 45	5.0 4	15.0	80.0 23.3	23.3	- 4	46.6   4	48.9 x 66.7 x 30.2 / 48.9 x 66.7 x 30.2	727.0 / 727.	.0 13 / 13	22.6 / 21.	4   3.85 / 3	3.67 2.5	7 2.37	26.6 / 22.8	NA	NA NA		BHFP26P100UA (1), EKEQDCBAV3-US (3)
CU-3 (DOAS-11-13)	REYQ264XATJB	22	Air cooled heat recovery	(2) 264	1,555 92	2.2	211,34	13.0 / 10.0	51.6	NA NA	90.9	208V - 230V	3ph 58.3	43.0	101	L.3 70	0.0 5	50.0	110.0 42.6	28.2		70.8 4	48.9 x 66.7 x 30.2 / 48.9 x 66.7 x 30.2	727.0 / 727.	.0   11.2 / 10	.4 21.6 / 18	3.62 /	3.2 2.2	2 / 2.07	26.1 / 18.2	NA	NA		BHFP26P100UA (1), EKEQDCBAV3-US (3)
CU-4 (DOAS-14-15)	REYQ144XATJB	12	Air cooled heat recovery	(1) 144	1,297 92	2.2	115,10	05 13.0 / 10.0	25.8	NA	91.7	208V - 230V	3ph 58.3		58	.3 70	0.0		70.0 42.6			42.6	48.9 x 66.7 x 30.2	727.0	11.9 / 11	.6 23.5 / 21.	6 3.75 / 3	3.42 2.10	6 / 2.12	25.5 / 22	NA	NA		EKEQDCBAV3-US (2)

Schedule Notes: 1. ALL UNITS SHALL BE AGA CERTIFIED AND U.L. LABELED.

2. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.

3. REFRIGERANT SHALL BE R410A 4. PROVIDE ALL SUPPORTS, RAILS, CURBS, ETC. AS REQUIRED TO AND INSTALL UNITS ON ROOF.

5. VARIABLE REFRIGERANT SYSTEM SHALL BE INSTALLED, PIPED, AND CONTROLLED PER MANUFACTURERS RECOMMENDATIONS.

6. PROVIDE ANY ADDITIONAL PIPING, REFRIGERANT, ETC TO ACCOMMODATE ACTUAL PIPING LENGTHS, FIELD VERIFIED.

7. EQUIPMENT MANUFACTURER SHALL PROVIDE ALL REQUIRED TRAINING, ONSITE ASSISTANCE, PROJECT SPECIFIC SHOP DRAWINGS, ETC. AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM. EQUIPMENT MANUFACTURERS SERVICE REPRESENTATIVE SHALL PROVIDE A FINAL REPORT AFTER START-UP CERTIFYING PROPER INSTALLATION AND CONFIRMING WARRANTIES.

8. COORDINATE WITH BRANCH CONTROLLER LAYOUT, SIZE, QUANTITY, ETC WITH MANUFACTURER.

9. PROVIDE PANEL HEATER KIT TO PREVENT ICE BUILDUP ON OUTDOOR DRAIN PAN.

10. PROVIDE WITH WIND BAFFLE KIT. 11. PROVIDE SNOW/HAIL KIT TO PREVENT DAMAGE OR SNOW BUILD-UP IN SEVERE WINTER CLIMATES.

12. PROVIDE WITH MASTER "CENTRAL BRANCH CIRCUIT CONTROLLER", 120V/1Ø, 0.3A. 13. PROVIDE WITH EXPANSION CONTROLLER, 120V/1Ø, 0.3A.

14. FIELD INSTALLED LOW-AMBIENT KIT.

15. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB).

16. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F (WB).

17. EFFICIENCY VALUES FOR EER, IEER, COP ARE BASED ON AHRI 1230 TEST METHOD FOR MIXTURE OF DUCTED & NON-DUCTED INDOOR UNITS. 18. FOR SYSTEMS WITH MULTIPLE MODULES, REFRIGERANT PIPE DIMENSIONS INDICATE TOTAL SYSTEM COMBINED PIPING DOWNSTREAM OF MODULE TWINNING.

19. ADDED FIELD CHARGE LISTED IS IN ADDITION TO FACTORY CHARGE, THIS MUST BE UPDATED BASED UPON FINAL AS-BUILT PIPING LAYOUT.

20. EACH CONDENSING UNIT SHALL BE PROVIDED WITH A HOFFMAN & HOFFMAN SINGLE POINT POWER PANEL (SPPP).

		٧	'ARIA	ABLE	REFF	RIGERA	NT VOL	UME	AIF	R HA	NDLI	NG UNIT S	CHEDU	ILE			
15151 050150	S 4		ESD	cc	DOLING CAP	ACITY	COOLING COIL	IFM	EL	ECTRICAL	_ DATA	CONFIGURATION	OPERATING	MANUFACTURER	NOMINAI	CONTROLLING	ADDITIONAL
LEVEL SERVED	CFM	CFM		TC (MBH)	SC (MBH)	EFFICIENCY	MANUFACTURER DAIKIN & MODEL	FLA	MCA	МОСР	VOLTAGE		WEIGHT	DAIKIN & MODEL	TONS	VRF OUTDOOR UNIT	OPTIONS
MAIN	1840	1840	0.75	128.1	77.3	EER 10.1	DXM06C12	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	634 LBS	T24IN	6		Α
MAIN	1805	1805	0.75	128.0	79.1	EER 10.1	DXM06C12	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	634 LBS	T24IN	6	CU-1	А
MAIN	2900	2900	0.75	165.2	99.7	EER 10.1	DXM06C13	3.9	10.8	15	208V-1ø	FLOOR MOUNTED	634 LBS	T32IN	6		А
MAIN	1045	1045	0.75	69.9	42.4	EER 13	DXM06C14	3.9	4.8	15	208V-1ø	FLOOR MOUNTED	465 LBS	T12IN	6		А
MAIN	1255	1255	0.75	87.2	52.7	EER 13	DXM06C14	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	465 LBS	T15IN	6	CU-2	Α
0 MAIN	1425	1425	0.75	116.3	70.1	EER 13	DXM07C13	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	562 LBS	T15IN	7		Α
1 UPPER	2065	2065	0.75	123.4	72.2	EER 11.2	DXM06C12	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	634 LBS	T24IN	6	011.7	А
3 UPPER	3150	3150	0.75	159.8	97.3	EER 11.2	DXM06C13	3.9	10.8	15	208V-1ø	FLOOR MOUNTED	634 LBS	T32IN	6	1 (0-3	А
4 UPPER	1650	1650	0.75	116.3	70.1	EER 11.9	DXM07C13	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	562 LBS	T18IN	7	OIL 4	А
5 UPPER	1245	1245	0.75	87.0	53.1	EER 11.9	DXM06C14	3.9	8.8	15	208V-1ø	FLOOR MOUNTED	465 LBS	T15IN	6	7 60-4	А
3	MAIN  MAIN  MAIN  MAIN  MAIN  MAIN  MAIN  MAIN  UPPER  UPPER  UPPER	MAIN 1840  MAIN 1805  MAIN 2900  MAIN 1045  MAIN 1255  MAIN 1425  UPPER 2065  UPPER 3150  UPPER 1650	LEVEL SERVED       S.A. CFM       O.A. CFM         MAIN       1840       1840         MAIN       1805       1805         MAIN       2900       2900         MAIN       1045       1045         MAIN       1255       1255         MAIN       1425       1425         UPPER       2065       2065         UPPER       3150       3150         UPPER       1650       1650	LEVEL SERVED  S.A. CFM  CFM  (IN.WC)  MAIN  1840  1840  0.75  MAIN  1805  1805  0.75  MAIN  2900  2900  0.75  MAIN  1045  1045  0.75  MAIN  1255  1255  0.75  MAIN  1425  1425  0.75  1 UPPER  2065  2065  0.75  4 UPPER  1650  1650  0.75	LEVEL SERVED   S.A.   O.A.   CFM   CFM   CFM   TC (MBH)	LEVEL SERVED   S.A.   CFM   CFM   E.S.P.   TC   (MBH)   (MBH)	LEVEL SERVED	LEVEL SERVED	LEVEL SERVED   S.A. CFM   CFM   CFM   E.S.P. (IN.WC)   TC (MBH)   COOLING CAPACITY   COOLING COIL   IFM	LEVEL SERVED   S.A.   CFM   CFM	LEVEL SERVED   S.A.   CFM   CFM   E.S.P.   CFM   CFM	LEVEL SERVED   S.A. CFM   CF	LEVEL SERVED   S.A.   CFM   CFM	LEVEL SERVED   S.A.   CFM   CFM	LEVEL SERVED   S.A.   CFM   CFM	LEVEL SERVED   S.A. CFM   CF	LEVEL SERVED   S.A.   C.A.   C.FM   C.FM

ADDITIONAL OPTIONS (UNITS AS NOTED)

B: 24V MOTORIZED O.A. DAMPER

D: STAINLESS STEEL DRAIN PAN

E: CO2 SENSOR, WALL MOUNTED

C: 120V/1ø MOTORIZED O.A. DAMPER

A: CONDENSATE PUMP, DIVERSITECH CP-22 120V/10

OPTIONS (ALL UNITS)

• 7-DAY PROGRAMMABLE DIGITAL • MANUAL O.A. DAMPER GALVANIZED CONDENSATE THERMOSTAT W/ HUMIDISTAT

FILTER KIT /W 2" FILTERS FACTORY INSTALLED CONDENSATÉ DRAIN PAN

OVERFLOW SWITCH DUCT SMOKE DETECTOR, SEE

NOTE #3 SINGLE POINT ELECTRICAL CONNECTION

NOTES:

1. ALL UNITS SHALL BE U.L. LABELED.

2. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.

3. ELECTRICAL CONTRACTOR SHALL PROVIDE EACH UNIT WITH A SMOKE DETECTOR.

THE SMOKE DETECTOR SHALL BE IONIZATION TYPE WIRED TO SHUT-DOWN UNIT WHEN ACTIVATED.
THE SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN DUCT BY THE MECHANICAL CONTRACTOR.

ELECTRIC HEATER KIT

THE SMOKE DETECTOR SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO AN HVAC MONITORING PANEL. THE PANEL SHALL PROVIDE VISUAL AND AUDIBLE SIGNAL. THE SIGNAL SHALL INDICATE AND BE LABELED AS AIR DETECTOR TROUBLE. THE PANEL SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.

PROVIDE SMOKE DETECTOR WITH REMOTE ALARM OR SUPERVISORY INDICATING DEVICES. EACH REMOTE DEVICE SHALL BE PERMANENTLY LABELED TO ACCURATELY IDENTIFY THE UNIT SERVED.

4. ELECTRIC HEATER SHALL BE BY UNIT MANUFACTURER.

BS-1 BSF4Q54TVJ CU-1 for DOAS-1-2-3 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-2 BSF4Q54TVJ CU-1 for DOAS-1-2-3 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-3 BSF6Q54TVJ CU-2 for DOAS-1-2-3 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-8 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-9 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-10 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-11 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-11 BSF4Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-13 BSF6Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-14 BSF4Q54TVJ CU-3 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-	TAG: ROOM	BRANCH SELECTOR BASIS OF DESIGN (DAIKIN)	CONDENSING UNIT SERVED	VOLTAGE- PHASE	MIN CIRCUIT AMPS (MCA)	MAX OVERCURRENT PROTECTION (MOP)	MAX CAPACITY (per Port)	DIMENSIONS (WxHxD inc
BS-2 BSF4Q54TVJ CU-1 for DOAS-1-2-3 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-3 BSF6Q54TVJ CU-1 for DOAS-1-2-3 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-8 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-9 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-10 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-11 BSF4Q54TVJ CU-3 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-13 BSF6Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-14 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 23.3 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS	 BS-1	BSF4O54TVJ	CU-1 for DOAS-1-2-3	208-230V 1ph	0.4	15.0	54.000	13.7 x 9.5 x 23.7
BS-3 BSF6Q54TVJ CU-1 for DOAS-1-2-3 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-8 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-9 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-10 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-11 BSF4Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-13 BSF6Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-14 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS				,			· · · · · · · · · · · · · · · · · · ·	
BS-8 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-9 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-10 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-11 BSF4Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-13 BSF6Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-14 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-16 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0				•				
BS-9 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-10 BSF4Q54TVJ CU-2 for DOAS-8-9-10 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-11 BSF4Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-13 BSF6Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 BS-14 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 BS-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0				,				
3S-10     BSF4Q54TVJ     CU-2 for DOAS-8-9-10     208-230V 1ph     0.4     15.0     54,000     13.7 x 9.5 x 23.7       3S-11     BSF4Q54TVJ     CU-3 for DOAS-11-13     208-230V 1ph     0.4     15.0     54,000     13.7 x 9.5 x 23.7       3S-13     BSF6Q54TVJ     CU-3 for DOAS-11-13     208-230V 1ph     0.6     15.0     54,000     23.3 x 9.5 x 23.7       3S-14     BSF4Q54TVJ     CU-4 for DOAS-14-15     208-230V 1ph     0.4     15.0     54,000     13.7 x 9.5 x 23.7       3S-15     BSF4Q54TVJ     CU-4 for DOAS-14-15     208-230V 1ph     0.4     15.0     54,000     13.7 x 9.5 x 23.7       3S-thedule Notes:	3S-9		CU-2 for DOAS-8-9-10		i	15.0		13.7 x 9.5 x 23.7
3S-13 BSF6Q54TVJ CU-3 for DOAS-11-13 208-230V 1ph 0.6 15.0 54,000 23.3 x 9.5 x 23.7 3S-14 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 3S-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 Schedule Notes:	3S-10	BSF4Q54TVJ	CU-2 for DOAS-8-9-10	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7
3S-14 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 3S-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V 1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 6chedule Notes:	3S-11	BSF4Q54TVJ	CU-3 for DOAS-11-13	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7
3S-15 BSF4Q54TVJ CU-4 for DOAS-14-15 208-230V1ph 0.4 15.0 54,000 13.7 x 9.5 x 23.7 Schedule Notes:	3S-13	BSF6Q54TVJ	CU-3 for DOAS-11-13	208-230V 1ph	0.6	15.0	54,000	23.3 x 9.5 x 23.7
Schedule Notes:	3S-14	BSF4Q54TVJ	CU-4 for DOAS-14-15	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7
Schedule Notes:	3S-15	BSF4Q54TVJ	CU-4 for DOAS-14-15	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7
The controller, the total connectable indoor unit capacity can be 126,000 btus or less. If two sub bc controllers are used, the total indoor unit  CAPACITY CONNECTED TO BOTH SUB BC CONTROLLERS ALSO CANNOT EXCEED 126,000 btus. For sub bc controller CMB-P1016NU-HB1 the total connectable indoor unit capacity can be however, if two sub controllers are used, and one of them is CMB-1016NU-HB1, the total indoor unit capacity connected to both sub controllers must not exceed 168,000 in the controllers.	2. FOR SUB E	BC CONTROLLER, TH CONNECTED TO BC	E TOTAL CONNECTABLE INDOC OTH SUB BC CONTROLLERS ALS	OR UNIT CAPACIT O CANNOT EXCE	Y CAN BE 126,000 BTUS OR ED 126,000 BTUS. FOR SUB	LESS. IF TWO SUB BC CONTROLLERS ARE US BC CONTROLLER CMB-P1016NU-HB1 THE TO	OTAL CONNECTABLE INDOO	R UNIT CAPACITY CAN BE 1

						STAN	NDARD All	R HA	MDI	LING	i UN	IT SC	HEDULE				
TAG		C A		L C D		COOLING	CAPACITY	ELECT	Г. НЕАТ	EL	ECTRICAL	_ DATA	CONFIGURATION	OPERATING	MANUFACTURER	NOMINAL	ADDITIONAL
TAG	AREA SERVED	S.A. CFM	O.A. CFM	E.S.P. (IN.WC)	TC (MBH)	SC (MBH)	EFFICIENCY	KW	STEPS	MCA	МОСР	VOLTAGE	CONTROUNT	WEIGHT	DAIKIN & MODEL	TONS	OPTIONS
AHU-4	INTAKE OFFICES	520	30	0.5	16.6	12.7	SEER2 17.5	5.0	1	27	30	208V-1ø	VERTICAL	115 LBS	DFVE24BP1400	2	В
AHU-5	SURRENDER/CONF	1460	140	0.75	45.0	33.4	SEER2 16.2	8.0	1	43	45	208V-1ø	VERTICAL	150 LBS	DFVE48DP1400	4	В
AHU-6	BULL PEN/COPY	1605	125	0.75	45.0	34.2	SEER2 16.2	10.0	1	50	50	208V-1ø	VERTICAL	150 LBS	DFVE48DP1400	4	В
AHU-7	ADOPTION LOBBY	1205	105	0.75	27.8	21.2	SEER2 17.1	15.0	1	71.5	80	208V-1ø	VERTICAL	140 LBS	DFVE36CP1400	3	В
AHU-12	ADOPTION LOBBY	2800	185	0.5	86.7	65.9	EER 11.0	30.0	1	95.4	110	208V-3	VERTICAL	406 LBS	DAX09043	6	В
OPTIONS (A	ALL UNITS)	1	1	1	1	1	1	1	ADDIT	TIONAL O	PTIONS (	JNITS AS NO	OTED)	1		1	

A: CONDENSATE PUMP, DIVERSITECH CP-22 120V/1ø

B: 24V MOTORIZED O.A. DAMPER

D: STAINLESS STEEL DRAIN PAN

E: CO2 SENSOR, WALL MOUNTED

C: 120V/1ø MOTORIZED O.A. DAMPER

• 7-DAY PROGRAMMABLE DIGITAL • MANUAL O.A. DAMPER THERMOSTAT W/ HUNIDISTAT FILTER KIT /W 2" FILTERS

 FACTORY INSTALLED CONDENSATE DRAIN PAN ELECTRIC HEATER KIT OVERFLOW SWITCH DUCT SMOKE DETECTOR, SEE

NOTE #3 SINGLE POINT ELECTRICAL CONNECTION

1. ALL UNITS SHALL BE U.L. LABELED.

2. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.

3. ELECTRICAL CONTRACTOR SHALL PROVIDE EACH UNIT WITH A SMOKE DETECTOR. THE SMOKE DETECTOR SHALL BE IONIZATION TYPE WIRED TO SHUT-DOWN UNIT WHEN ACTIVATED.

THE SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN DUCT BY THE MECHANICAL CONTRACTOR.

GALVANIZED CONDENSATE

DRAIN PAN

THE SMOKE DETECTOR SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO AN AN HVAC MONITORING PANEL.
THE PANEL SHALL PROVIDE VISUAL AND AUDIBLE SIGNAL. THE SIGNAL SHALL INDICATE AND BE LABELED AS AIR DETECTOR TROUBLE. THE PANEL SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.

PROVIDE SMOKE DETECTOR WITH REMOTE ALARM OR SUPERVISORY INDICATING DEVICES. LABELED TO ACCURATELY IDENTIFY THE UNIT SERVED.

	EACH	REN	MOTE	DE	VICE.	SH	ALL	BE	PERM	<b>JANEN</b>	TLY	LABE	LED
4.	ELECT	RIC	HEA	TER	SHA	LL	BE	BY	UNIT	MANU	FAC	TURE	R.

BS-9	BSF4Q54TVJ	CU-2 for DOAS-8-9-10	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-10	BSF4Q54TVJ	CU-2 for DOAS-8-9-10	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-11	BSF4Q54TVJ	CU-3 for DOAS-11-13	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-13	BSF6Q54TVJ	CU-3 for DOAS-11-13	208-230V 1ph	0.6	15.0	54,000	23.3 x 9.5 x 23.7	72.8	N/A	KHRP26A250TA (2)
BS-14	BSF4Q54TVJ	CU-4 for DOAS-14-15	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-15	BSF4Q54TVJ	CU-4 for DOAS-14-15	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
CAPACITY	CONNECTED TO BO	TH SUB BC CONTROLLERS ALS	SO CANNOT EXCE	D 126,000 BTUS. FOR SUB I	LESS. IF TWO SUB BC CONTROLLERS ARE US BC CONTROLLER CMB-P1016NU-HB1 THE TO INDOOR UNIT CAPACITY CONNECTED TO BO	OTAL CONNECTABLE INDO	OR UNIT CAPACITY CAN BE 126	•	ESS.	

					S	TANDA	ARD HE	AT P	UMP	SCHE	DULE			
TAO		COOLING CA	APACITY		HEATING	CAPACITY	COMPRESSOR	EL	ECTRICAL	_ DATA	MANUFACTURER	OPERATING	NOMINAL	MATCHING
TAG	TC (MBH)	SC (MBH)	EFFICIENCY	OA DB (°F)	TH (MBH)	OA DB (°F)	RLA	MCA	МОСР	VOLTAGE	DAIKIN & MODEL	WEIGHT	TONS	INDOOR UNIT
HP-4	16.6	12.7	SEER2 17.5	94	17.4	13	10.0	14.6	15	208V-1ø	DZ6VSA1810	122 LBS	2	AHU-4
HP-5	45.0	33.4	SEER2 16.2	94	45.5	13	25.5	34.4	35	208V-1ø	DZ6VSA4810	168 LBS	4	AHU-5
HP-6	45.0	34.2	SEER2 16.2	94	45.5	13	25.5	34.4	35	208V-1ø	DZ6VSA4810	168 LBS	4	AHU-6
HP-7	27.8	21.2	SEER2 17.1	94	28.8	13	16.8	23.9	25	208V-1ø	DZ6VSA3010	132 LBS	3	AHU-7
HP-12	86.7	65.9	EER 11.0	95	86.7	95	26.9	40.6	60	208V-3ø	DZ14XA0903A	347 LBS	6	AHU-12

<u>OPTIONS (ALL UNITS)</u>

4" THICK PREFABRICATED PAD

OR CONCRETE PAD
PRE-CHARGED REFRIGERANT

LINE SETS MANUFACTURER MINIMUM CLEARANCES

COMPRESSORS OR 3 PHASE UNITS) OUTDOOR UNIT CYCLE PROTECTOR (5 MINUTE) WIND BAFFLES (UNITS MOUNTED ON ROOF)

 COMPRESSOR CRANKCASE HEATER COMPRESSOR START ASSIST CAPACITOR AND RELAY (NOT REQUIRED FOR SCROLL

OPTIONS IF TOTAL EQUIVALENT REFRIGERANT LENGTH  $\geq 50'-0"$  &  $\leq 175'-0"$ 

• FOR HORIZONTAL CONFIGURATION: PROVIDE LIQUID LINE SOLENOID WITHIN 2'-0" OF OUTDOOR UNIT WITH FLOW ARROW POINTING TOWARD OUTDOOR UNIT. VAPOR LINE SHOULD SLOPE TOWARD INDOOR UNIT. • FOR INDOOR UNIT LOCATED ABOVE HEAT PUMP (50'-0" MAX); A LIQUID LINE (BI-FLOW) SOLENOID MUST BE INSTALLED WITHIN 2'-0" OF OUTDOOR UNIT WITH FLOW ARROW POINTING TOWARD OUTDOOR UNIT. AN INVERTED VAPOR LINE TRAP MUST BE INSTALLED AT INDOOR UNIT. THE TOP

OF THE TRAP MUST BE GREATER THAN THE HEIGHT OF THE INDOOR COIL. • FOR INDOOR UNIT LOCATED BELOW HEAT PUMP (150'-0" MAX); A LIQUID LINE (BI-FLOW) SOLENOID MUST BE INSTALLED WITHIN 2'-0" OF OUTDOOR UNIT.

REHEAT BOX BASIS OF DESIGN

13.7 x 9.5 x 23.7 48.5 N/A KHFP26A100CA (1), KHRP26A250TA (1

13.7 x 9.5 x 23.7 48.5 N/A KHFP26A100CA (1), KHRP26A250TA (1

23.3 x 9.5 x 23.7 72.8 N/A KHRP26A250TA (2)

13.7 x 9.5 x 23.7 48.5 N/A KHFP26A100CA (2)

NOTES:

. ALL UNITS SHALL BE U.L. LABELED.





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	REVIE	WS			
INITIALS					
	BDA	DSC	3N. F	REV.	
	BDA	TEC	H RI	ΞV.	