

PACKAGED DX AIR HANDLING UNIT

MARK	SERVES	COOLING CAPACITY						HGRH COIL		EVAPORATOR FAN				ELECTRIC HEATING				CONDENSING UNIT				ELECTRICAL DATA		EER	REFRIG.	WEIGHT	MANUFACTURER	MODEL	REMARKS											
		TOTAL (MBH)	SENSIBLE (MBH)	ENTERING AIR TEMP.		LEAVING AIR TEMP.		BTU/HR	DB	WB	NO.	TYPE	HP (EA)	CFM	ESP	O.S.A.	KW	CONTROL	VOLTS	PH	EAT	LAT	NO.							TYPE	FLA (EA)	NO.	FLA (EA)	CAP. STEPS	TYPE	TEMP. °F	MCA	MOCP	VOLTS	PH
400-PAC-1	400-RECEIVING	140	106	77.0	63.9	50.8	50.8	76977	70.0	58.3	1	SWFI AF	8.0	3700	0.5	500	36	SCR	460	3	60.0	90.6	2	PROP	1.8	2	6.87/9	MOD.	INVERT. + FIXED	95	62.6	70	460	3	11.2	R410A	2302	DAIKIN	DPS012A	1,2,3,4,5,6,7
400-PAC-2	400-IGNITER	112	84	77.0	63.9	51.3	50.9	61030	70.0	58.3	1	SWFI AF	8.0	3000	0.5	450	36	SCR	460	3	60.0	97.7	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	65.6	70	460	3	12.1	R410A	2302	DAIKIN	DPS010A	1,2,3,4,5,6,7
400-PAC-3	400-EXTRACTION	112	84	77.0	63.9	51.3	50.9	61030	70.0	58.3	1	SWFI AF	8.0	3000	0.5	450	36	SCR	460	3	60.0	97.7	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	65.6	70	460	3	12.1	R410A	2302	DAIKIN	DPS010A	1,2,3,4,5,6,7
400-PAC-4	400-FINISHING	463	352	77.0	63.9	51.0	51.0	255539	70.0	59.4	1	SWFI AF	5.5	12400	0.5	1860	130	SCR	460	3	60.0	92.6	4	PROP	2.1	3	29.215/7	MOD.	INVERT. + FIXED	95	178.2	200	460	3	10.9	R410A	7544	DAIKIN	DPSA040	1,2,3,4,5,6,7
400-PAC-5	400-FINISHING	463	352	77.0	63.9	51.0	51.0	255539	70.0	59.4	1	SWFI AF	5.5	12400	0.5	1860	130	SCR	460	3	60.0	92.6	4	PROP	2.1	3	29.215/7	MOD.	INVERT. + FIXED	95	178.2	200	460	3	10.9	R410A	7544	DAIKIN	DPSA040	1,2,3,4,5,6,7
400-DOAS-1	400-CURE BAY	135	72.5	95.0	79.0	61.8	61.8	-	-	-	1	SWFI AF	8.0	1995	3.0	1995	-	-	-	-	-	-	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	23.0	30	460	3	12.4	R410A	2151	DAIKIN	DPS010A	1,2,3,4,5,6
400-DOAS-2	400-CURE BAY	135	72.5	95.0	79.0	61.8	61.8	-	-	-	1	SWFI AF	8.0	1995	3.0	1995	-	-	-	-	-	-	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	23.0	30	460	3	12.4	R410A	2151	DAIKIN	DPS010A	1,2,3,4,5,6
400-DOAS-3	400-CURE BAY	135	72.5	95.0	79.0	61.8	61.8	-	-	-	1	SWFI AF	8.0	1995	3.0	1995	-	-	-	-	-	-	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	23.0	30	460	3	12.4	R410A	2151	DAIKIN	DPS010A	1,2,3,4,5,6
400-DOAS-4	400-CURE BAY	135	72.5	95.0	79.0	61.8	61.8	-	-	-	1	SWFI AF	8.0	1995	3.0	1995	-	-	-	-	-	-	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	23.0	30	460	3	12.4	R410A	2151	DAIKIN	DPS010A	1,2,3,4,5,6
400-DOAS-5	400-CURE BAY	135	72.5	95.0	79.0	61.8	61.8	-	-	-	1	SWFI AF	8.0	1995	3.0	1995	-	-	-	-	-	-	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	23.0	30	460	3	12.4	R410A	2151	DAIKIN	DPS010A	1,2,3,4,5,6
400-DOAS-6	400-CURE BAY	135	72.5	95.0	79.0	61.8	61.8	-	-	-	1	SWFI AF	8.0	1995	3.0	1995	-	-	-	-	-	-	2	PROP	1.8	2	4.57/9	MOD.	INVERT. + FIXED	95	23.0	30	460	3	12.4	R410A	2151	DAIKIN	DPS010A	1,2,3,4,5,6

- NOTES:
1. PROVIDE FACTORY MOUNTED UNIT CONTROLLER WITH A BACNET COMPATIBLE INTERFACE.
2. PROVIDE GFI SERVICE OUTLET.
3. PROVIDE MERV 8 FILTERS.
4. PROVIDE HINGED ACCESS DOORS.
5. PROVIDE COIL HAIL GUARDS.
6. PROVIDE HOT GAS RE-HEAT COIL.
7. PROVIDE MANUFACTURER'S PLENUM CURB WITH HORIZONTAL DISCHARGE.

AIR DEVICE		KEY NO. IF MORE THAN ONE	MARK	NECK SIZE	CFM	NOTES	
MARK	TYPE						DESCRIPTION
A	SUPPLY			24 x 24	TITUS	OMNI-AA	1
B	RETURN / EXHAUST			24 x 24	TITUS	50F	2
C	SUPPLY			18 x 4	TITUS	DL	3
D	RETURN / EXHAUST			48 x 24	TITUS	50F	2
E	SUPPLY			20 x 6	TITUS	SDL	3
F	RETURN / EXHAUST			30 x 30	TITUS	300RS-HD	4
G	SUPPLY			20 x 6	TITUS	SDL	3
H	RETURN / EXHAUST			60 x 30	TITUS	300RS-HD	4
J	SUPPLY			16 x 12	TITUS	300RS-HD	4
K	RETURN / EXHAUST			16 x 16	TITUS	300RS-HD	4

NOTES:
1. FOR HARD CEILING. WHITE. ALUMINUM CONSTRUCTION. SQUARE PANEL FACE. PROVIDE MODEL "TRM" MOUNTING FRAME FOR GYPSUM CEILING LOCATIONS. PROVIDE INTEGRAL DAMPER OPERABLE FROM FACE OF AIR DEVICE.
2. EGGRATE RETURN/EXHAUST GRILLE. HARD CEILING MOUNTED. PROVIDE 1/2" x 1/2" x 1" CORE.
3. HIGH CAPACITY. LONG THROW DRUM LOUVER. ADJUSTABLE BLADES @ 3° O.C. ALUMINUM CONSTRUCTION. WHITE FINISH. PROVIDE REAR MOUNTED OPPOSED BLADE DAMPER.
4. HEAVY DUTY LOUVERED RETURN GRILLE. ALUMINUM CONSTRUCTION. 0° DEFLECTION BLADES @ 1/2" O.C.. BLADES PARALLEL TO LONG DIMENSION. SURFACE MOUNT BORDER.

UNIT HEATERS - ELECTRIC									
MARK	SERVES	CFM	KW	FAN HP	ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
					VOLTS	PH			
400-EUH-1	400-CURE BAY	310	5	1/50	460	1	REZTOR	EGEB	SEE NOTES
400-EUH-2	400-CURE BAY	310	5	1/50	460	1	REZTOR	EGEB	SEE NOTES
400-EUH-3	400-CURE BAY	310	5	1/50	460	1	REZTOR	EGEB	SEE NOTES
400-EUH-4	400-CURE BAY	310	5	1/50	460	1	REZTOR	EGEB	SEE NOTES
400-EUH-5	400-CURE BAY	310	3	1/50	460	1	REZTOR	EGEB	SEE NOTES

NOTES:
1. PROVIDE ELECTRICAL DISCONNECT SWITCH.
2. PROVIDE INTEGRATED THERMOSTAT.
3. PROVIDE WALL BRACKET.

AIR CURTAIN FANS													
MARK	DOOR DIMENSIONS		FAN DATA			MOTOR DATA			WEIGHT (LBS.)	MANUFACTURER	MODEL	REMARKS	
	WIDTH	HEIGHT	CFM	RPM	NO.	HP	AMPS (EA)	VOLTS					PH
400-AC-1	144"	168"	26100	1725	2	3.0	10.6	460	3	695	MARS	WMI-144-2U-TS	1,2
400-AC-2	144"	168"	26100	1725	2	3.0	10.6	460	3	695	MARS	WMI-144-2U-TS	1,2

NOTES:
1. PROVIDE CONVEALED MAGNETIC DOOR SWITCH
2. PROVIDE ANGLE IRON MOUNTING BRACKETS

FANS														
MARK	SERVES	TYPE	DRIVE	FAN DATA			MOTOR DATA			MAX SONES LEVEL	WEIGHT (LBS.)	MANUFACTURER	MODEL	REMARKS
				CFM	ESP	RPM	HP	VOLTS	PH					
400-EF-1	400-CURE BAY	SIDEWALL	DIRECT	12000	1.0	1750	5	460	3	61	360	GREENHECK	AER-30	3
400-EF-2	400-CURE BAY	SIDEWALL	DIRECT	12000	1.0	1750	5	460	3	61	360	GREENHECK	AER-30	3
400-EF-3	400-CURE BAY	SIDEWALL	DIRECT	12000	1.0	1750	5	460	3	61	360	GREENHECK	AER-30	3
400-EF-4	400-CHEMICAL MIX	UTILITY VENT SET	DIRECT	10300	3.0	1213	7.5	460	3	88	632	GREENHECK	USF-27	4
400-F-1	400-CURE BAY	INLINE	BELT	1995	2.0	2434	1.5	460	3	88	220	GREENHECK	VAB-18F144-50	1
400-F-2	400-CURE BAY	INLINE	BELT	1995	2.0	2434	1.5	460	3	88	220	GREENHECK	VAB-18F144-50	1
400-F-3	400-CURE BAY	INLINE	BELT	1995	2.0	2434	1.5	460	3	88	220	GREENHECK	VAB-18F144-50	1
400-F-4	400-CURE BAY	INLINE	BELT	1995	2.0	2434	1.5	460	3	88	220	GREENHECK	VAB-18F144-50	1
400-F-5	400-CURE BAY	INLINE	BELT	1995	2.0	2434	1.5	460	3	88	220	GREENHECK	VAB-18F144-50	1
400-F-6	400-CURE BAY	INLINE	BELT	1995	2.0	2434	1.5	460	3	88	220	GREENHECK	VAB-18F144-50	1
400-F-7	400-CURE BAY	CEILING	DIRECT	70	0.5	850	0.125	120	1	0.3	12	GREENHECK	SP-A70	2
400-EF-5	400-JANITOR	CEILING	DIRECT	70	0.5	850	0.125	120	1	0.3	12	GREENHECK	SP-A70	2
400-EF-6	400-TL-124	CEILING	DIRECT	70	0.5	850	0.125	120	1	0.3	12	GREENHECK	SP-A70	2
400-EF-7	400-TL-125	CEILING	DIRECT	70	0.5	850	0.125	120	1	0.3	12	GREENHECK	SP-A70	2
400-EF-8	400-IGNITER	UTILITY VENT SET	DIRECT	750	0.50	1770	0.25	460	3	60	116	GREENHECK	USF-6	4
400-EF-9	400-CHEM MIXING	F.C. BLOWER	DIRECT	1600	1.0	1700	0.75	115	1	14.4	56	PLASTEK	P30SSRP075	5,6,7
400-EF-10	400-CHEM MIXING	F.C. BLOWER	DIRECT	6000	0.25	1328	2.0	460	1	18.7	168	GREENHECK	SO-18-VG	8

NOTES:
1. PROVIDE ELECTRICAL DISCONNECT. BASE MOUNTED SPRING ISOLATORS, SPEED CONTROLLER.
2. PROVIDE MANUFACTURER'S STANDARD GRILLE AND DISCHARGE WALL CAP. FAN TO BE INTERLOCKED WITH OCCUPANCY SENSOR.
3. PROVIDE WALL COLLAR, OSHA WIRE GUARD, ELECTRICAL DISCONNECT, AND WALL MOUNTED THERMOSTAT W/ HAND-OFF-AUTO SWITCH FOR FAN CONTROL. PROVIDE BACKDRAFT DAMPER.
4. PROVIDE GREENHECK #M3AC MOTOR STARTER.
5. PROVIDE ELECTRICAL DISCONNECT, BACKDRAFT DAMPER, BIRDSCREEN, EXPLOSION PROOF MOTOR, AND BASE RAIL WITH SPRING ISOLATORS.
6. PROVIDE WITH MANUFACTURER'S MOUNTING HARDWARE, EXPLOSION PROOF MOTOR, DISCONNECT, AND 10" EXHAUST GUARD WALL CAP.
7. INSTALL VFD AND PID CONTROLLER TO ALLOW OWNER TO CALIBRATE THE BLOWER.
8. FACTORY MOUNTED INTEGRAL DISCONNECT AND BACKDRAFT DAMPER, EC MOTOR WITH MOTOR MOUNTED POTENTIOMETER DIAL, PROVIDE MANUFACTURER'S FAN HANGING HARDWARE AND INLET SAFETY SCREEN.

LOUVERS								
MARK	SERVES	SIZE (W/L)	MAX PRESSURE DROP (IN.)	MIN FREE AREA (SQ. FT.)	VELOCITY (FT./MIN.)	MANUFACTURER	MODEL	REMARKS
400-L-1	400-CURE BAY	60/96	0.07	9.44	763	GREENHECK	EACC-601	SEE NOTES
400-L-2	400-CURE BAY	60/96	0.07	9.44	763	GREENHECK	EACC-601	SEE NOTES
400-L-3	400-CURE BAY	60/96	0.07	9.44	763	GREENHECK	EACC-601	SEE NOTES
400-L-4	400-CURE BAY	60/96	0.07	9.44	763	GREENHECK	EACC-601	SEE NOTES
400-L-5	400-CURE BAY	60/96	0.07	9.44	763	GREENHECK	EACC-601	SEE NOTES
400-L-6,7,8,9,10,11	400-CURE BAY	22/18	0.49	1.12	1782	GREENHECK	EDJ-601	SEE NOTES
400-L-12	400-COMPRESSOR	60/72	0.09	11.53	850	GREENHECK	EACC-401	SEE NOTES
400-L-13	400-COMPRESSOR	48/60	0.08	7.0	850	GREENHECK	EACC-401	SEE NOTES
400-L-14	400-COMPRESSOR	60/36	0.3	4.37	1100	GREENHECK	EACC-401	SEE NOTES

NOTES:
1. PROVIDE BIRDSCREEN.
2. PROVIDE INSECT SCREEN.
3. PAINT AND PRIME PER ARCHITECT

DUCT HEATERS - ELECTRIC									
MARK	SERVES	CFM	KW	LAT	AMB. TEMP °F	ELECTRICAL DATA		MANUFACTURER	REMARKS
						VOLTS	PH		
400-DH-1	400-CURE BAY	1995	50	150	70	460	3	INDEECO	SEE NOTES
400-DH-2	400-CURE BAY	1995	50	150	70	460	3	INDEECO	SEE NOTES
400-DH-3	400-CURE BAY	1995	50	150	70	460	3	INDEECO	SEE NOTES
400-DH-4	400-CURE BAY	1995	50	150	70	460	3	INDEECO	SEE NOTES
400-DH-5	400-CURE BAY	1995	50	150	70	460	3	INDEECO	SEE NOTES