

WALL MOUNT UNIT SCHEDULE													
NO.	TOTAL CFM COOLING	O.A. CFM	EXT. STATIC PRESSURE IN. W.C.	MIN. FAN MOTOR HP.	NET COOLING				HEATING				BASIS OF DESIGN
					MBH	SENSIBLE	DBT	WBF	MBH	INPUT	OUTPUT	FUEL	
WMU-1	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-2	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-3	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-4	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-5	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-6	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-7	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-8	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-9	1350	95	0.5	1/2	42.0	32.4	80	67	95	75	61.5	N. GAS	BARO W42G30
WMU-10	1620	205	0.5	1/2	57.0	41.7	80	67	95	75	61.5	N. GAS	BARO W60G30
WMU-11	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-12	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-13	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-14	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-15	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-16	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-17	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-18	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-19	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-20	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-21	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-22	1275	100	0.5	1/2	42.0	32.4	80	67	95	75	61.5	N. GAS	BARO W42G30
WMU-23	1630	185	0.5	1/2	57.0	41.7	80	67	95	75	61.5	N. GAS	BARO W60G30
WMU-24	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-25	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-26	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-27	1650	245	0.5	1/2	57.0	41.7	80	67	95	75	61.5	N. GAS	BARO W60G30
WMU-28	900	140	0.5	1/2	32.0	24.3	80	67	95	45	37	N. GAS	BARO W30G30
WMU-29	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-30	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-31	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-32	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-33	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-34	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-35	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-36	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-37	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-38	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-39	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-40	900	135	0.5	1/2	28.0	18.9	80	67	95	45	37	N. GAS	BARO W30G30
WMU-41	1430	140	0.5	1/2	48.0	35.4	80	67	95	75	61.5	N. GAS	BARO W48G30
WMU-42	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-43	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-44	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-45	900	95	0.5	1/2	32.0	24.3	80	67	95	45	37	N. GAS	BARO W30G30
WMU-46	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30
WMU-47	1100	235	0.15	1/3	34.5	26.6	80	67	95	45	37	N. GAS	BARO W36G30

① PROVIDE (1) ION GENERATOR EQUAL TO GLOBAL PLASMA SOLUTIONS GPS-FC-3 MOUNTED IN FAN SECTION OF EACH WALL MOUNT UNIT.

FAN SCHEDULE									
MARK	FAN DATA				CONTROL	FAN TYPE	BASIS OF DESIGN GREENHECK U.M.O.		
	CFM	E.S.P. IN.W.C.	MAX SONES	HP					
EF-1	500	0.125	4.7	1/25	1192	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-G	
EF-2	100	0.25	3.3	1/60	1464	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-3	1300	0.25	8.8	1/4	884	DIRECT	CORRIDOR LIGHTING CENTRIFUGAL ROOF EXHAUST	G-143-B	
EF-4	500	0.125	4.7	1/25	1192	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-G	
EF-5	100	0.25	3.3	1/60	1464	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-6	500	0.125	4.7	1/25	1192	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-G	
EF-7	100	0.25	3.3	1/60	1464	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-8	1300	0.25	8.8	1/4	884	DIRECT	CORRIDOR LIGHTING CENTRIFUGAL ROOF EXHAUST	G-143-B	
EF-9	100	0.25	3.3	1/60	1464	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-10	100	0.25	3.3	1/60	1464	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-11	700	0.25	7.0	1/8	1378	DIRECT	GYM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-095-D	
EF-12	500	0.125	4.7	1/25	1192	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-G	
EF-13	800	0.25	8.8	1/4	1270	DIRECT	KITCHEN LIGHTING CENTRIFUGAL ROOF EXHAUST	G-099-A	
EF-14	720	0.25	8.0	1/4	1183	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-15	200	0.125	2.0	1/60	1125	DIRECT	KITCHEN LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-16	200	0.125	2.0	1/60	1381	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-17	800	0.25	8.8	1/4	1270	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-099-A	
EF-18	1200	0.5	11.3	1/4	1680	DIRECT	INTERLOCK W/ASHWASHER CENTRIFUGAL ROOF EXHAUST	GUE-101-A	
EF-19	800	0.25	8.8	1/4	1348	DIRECT	EXISTING SWITCH CENTRIFUGAL ROOF EXHAUST	G-095-D	
EF-20	200	0.25	3.3	1/30	1381	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-21	200	0.25	3.3	1/30	1381	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-22	200	0.25	3.3	1/30	1125	DIRECT	CORRIDOR LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-G	
EF-23	800	0.125	4.7	1/25	1192	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-G	
EF-24	200	0.125	2.0	1/60	1125	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-070-G	
EF-25	NOT USED. FAN REMOVED								
EF-26	800	0.25	8.8	1/4	1270	DIRECT	CORRIDOR LIGHTING CENTRIFUGAL ROOF EXHAUST	G-099-A	
EF-27	400	0.375	5.9	1/15	1348	DIRECT	CORRIDOR LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-28	200	0.25	3.3	1/30	1381	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-29	200	0.25	3.3	1/30	1464	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-30	400	0.375	5.9	1/15	1348	DIRECT	CORRIDOR LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-31	300	0.25	6.0	1/20	1375	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-080-D	
EF-32	300	0.125	4.4	1/30	1480	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-33	200	0.25	3.3	1/30	1484	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-34	200	0.25	3.3	1/30	1381	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-070-D	
EF-35	100	0.25	3.3	1/60	1464	DIRECT	ROOM LIGHTING CENTRIFUGAL ROOF EXHAUST	G-090-D	
EF-36	500	0.125	4.7	1/25	1192	DIRECT	NEW LINE VOLTAGE TSTAT CENTRIFUGAL ROOF EXHAUST	G-090-G	
EF-38	7000	0.83	15.5	1/25	1720	DIRECT	BELT DRIVING SWAMP ROOD CENTRIFUGAL ROOF EXHAUST	COOK 27010B	
FLY FAN	1848	-	-	-	1720	DIRECT	INTERNAL FLY FAN	BERNER SHD07-1038A	

NOTE: NEW LINE VOLTAGE TSTAT TO BE PROVIDED BY DIV. 26 AND INSTALLED BY DIV. 26.

SPLIT SYSTEM AIR CONDITIONER SCHEDULE																
MARK	COOLING *				GAS HEATING				INDOOR UNIT		BASIS OF DESIGN	CARRIER				
	MBH	SEER	EAT	SEER/EER	INPUT MBH	OUTPUT MBH	FUEL	SA CFM	ESP	HP						
AHU-10/CO-10	42.0	10.5	80	67	15.0	12.5	88	72	N. GAS	1400	0.5	1/2	280	585890-16	CNPV042	24ACC442
AHU-11/CO-11	58.0	7.7	84	64	11.2	8.8	88	72	N. GAS	3000	0.8	1	280	48RUA08	-	38AUZ08
AHU-13/CO-13	47.5	10.6	80	67	15.0	12.5	88	72	N. GAS	1800	0.5	1	310	585890-20	CNPV048	24ACC408

* REQUIRED COOLING - UNIT CAPACITIES ARE AT 95°F DB AMBIENT OAT.
 ① PROVIDE (1) ION GENERATOR EQUAL TO GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS MOUNTED IN FAN SECTION OF INDOOR UNIT.
 ② PROVIDE (3) ION GENERATORS EQUAL TO GLOBAL PLASMA SOLUTIONS GPS-FC48-AC MOUNTED IN FAN SECTION OF UNIT.
 ③ PROVIDE DUCT-MOUNTED SMOKE DETECTOR (BY DIV. 26), WIRE TO SHUT DOWN UPON DETECTION OF SMOKE. SEE PLANS FOR LOCATIONS.

GAS/ELECTRIC PAD-MOUNT UNIT SCHEDULE												
MARK	COOLING *				HEATING				INDOOR FAN		BASIS FOR DESIGN	
	TONS	SEER	EAT	SEER/EER	INPUT MBH	OUTPUT MBH	FUEL	SA CFM	ESP	MIN O.A. CFM		
PMU-1	25	22.7	309	80	67	-/10.0	1.0	3000	CARRIER 48TCED29	(1)(2)		
PMU-2	8.5	87	88	81	86	-/12.0	1.84	3100	CARRIER 48TCED29	(1)(2)(3)		

* REQUIRED COOLING - UNIT CAPACITIES ARE AT 95°F DB AMBIENT OAT.
 ① PROVIDE HOT-GAS REHEAT COIL FOR DEHUMIDIFICATION.
 ② PROVIDE (1) ION GENERATOR EQUAL TO GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS MOUNTED IN FAN SECTION OF UNIT.
 ③ PROVIDE (3) ION GENERATORS EQUAL TO GLOBAL PLASMA SOLUTIONS GPS-FC48-AC MOUNTED IN FAN SECTION OF UNIT.
 ④ PROVIDE DUCT-MOUNTED SMOKE DETECTOR (BY DIV. 26), WIRE TO SHUT DOWN UPON DETECTION OF SMOKE. SEE PLANS FOR LOCATIONS.

GAS/ELECTRIC ROOFTOP UNIT SCHEDULE												
MARK	COOLING *				HEATING				INDOOR FAN		BASIS FOR DESIGN	
	TONS	SEER	EAT	SEER/EER	INPUT MBH	OUTPUT MBH	FUEL	SA CFM	ESP	MIN O.A. CFM		
RTU-1	23.2	3.08	80	67	-/8.8	1.0	281	10,000	0.8	2600	CARRIER 48TCED29	(1)(2)

* REQUIRED COOLING - UNIT CAPACITIES ARE AT 95°F DB AMBIENT OAT.
 ① PROVIDE (3) ION GENERATORS EQUAL TO GLOBAL PLASMA SOLUTIONS GPS-FC48-AC MOUNTED IN FAN SECTION OF UNIT.
 ② PROVIDE DUCT-MOUNTED SMOKE DETECTOR (BY DIV. 26), WIRE TO SHUT DOWN UPON DETECTION OF SMOKE. SEE PLANS FOR LOCATIONS.

DIFFUSERS, REGISTERS, AND GRILLES			
MARK	NECK SIZE	SQUARE FEET	CONC. CEILING SUPPLY AIR DIFFUSER
S-1A	8"ø	45	24x24 UNIFORM MODULE/FACE SIZE - FACTORY INSULATED.
S-1B	8"ø	45	• INTEGRAL ROUND NECK SIZE AS SCHEDULED.
S-1C	10"ø	45	• FIXED 4-WAY DISCHARGE AIR PATTERN.
S-1D	12"ø	45	• COORDINATE BORDER AND FRAME WITH CEILING TYPE (LAY-IN TYPE 31 FULL FACE OR GYPSOBOND TYPE 31 FULL FACE).
S-1E	14"ø	45	• PRICE SERIES 5CD OR APPROVED PRODUCT.
S-1F	15"ø	45	

MARK	NECK SIZE	LINEAR BAR REGISTER
S-2	30x6	• 32x8 FACE SIZE - 7/32" BARS 1/2" ON CENTER. • 15' DEFLECTION. • 1-WAY DISCHARGE AIR PATTERN. • 1" BORDER FOR WALL MOUNTING. • PROVIDE OPPOSED BLADE DAMPER. • METALAIR 2015 OR APPROVED PRODUCT.

MARK	NECK SIZE	EGGCRATE ALUMINUM CEILING RETURN AIR GRILLE
R-1	22x22	• PROVIDE ALUMINUM LAY-IN OR