



**VARIABLE AIR VOLUME UNIT SCHEDULE**

UNIT DESIGNATION	VV-1-1 & 2-1	VV-1-2	VV-3-1 & 4-1
TYPE	SINGLE DUCT	SINGLE DUCT	SINGLE DUCT
SERVICE	LOBBY	CORRIDOR	CORRIDOR
BOX	---	---	---
C.F.M. MAX./MIN.	1050/525	1250/675	750/375
(BOX ONLY) MAX. AIR P.D. (1" H <sub>2</sub> O)	---	---	---
HEATING COIL	---	---	---
K.W.	6.0	6.0	4.0
VOLTAGE	480/3/60	480/3/60	480/3/60
HEATING ΔT	36.1	30.3	33.7
STAGES	2	2	1
F.L.A.	---	---	---
MAX. N.C.	---	---	---
MANUFACTURER	TRANE	TRANE	TRANE
MODEL #	VCEF-10	VCEF-12	VCEF-10
* @ MAX. CFM			

**EXHAUST FAN SCHEDULE**

UNIT DESIGNATION	EF-1
TYPE	ROOF MTD
SERVICE	SEE PLANS
C.F.M.	12,000
STATIC PRESSURE	0.5
SONES	---
H.P.	0.75
VOLTAGE	480/3/60
ACCESSORIES	---
DAMPER TYPE	BACKDRAFT
SCREEN TYPE	BIRDSCREEN
MOTOR WITH INTERNAL OVERLOAD	YES
V.F.D.	YES
WALL/ROOF CAP.	---
MANUFACTURER	COOK
MODEL #	ACE
* PROVIDE WITH VFD CONTROLS	

**PACKAGED AC UNIT SCHEDULE**

UNIT DESIGNATION	RTU-1,2,3 & 4
TYPE	DX COOLING
SERVICE	SEE PLANS
ACCESSORIES	---
ECONOMIZER	YES
CURB	YES
FILTERS	MERV 8
MOTORIZED D.A. DAMPER	YES
SUPPLY FAN	---
TOTAL C.F.M.	20,000
D.A. MINIMUM	3,000
INTERNAL S.P.	1.02
EXTERNAL S.P.	2.5
TOTAL S.P.	3.52
B.H.P.	20.83
VOLTAGE	480/3/60
RETURN FAN	---
C.F.M.	17,000
EXTERNAL S.P.	1.0
B.H.P.	11.62
VOLTAGE	480/3/60
COOLING COIL	---
TOT/SENS CAP. (MGH)	22.2/480.1
E.A.D.B./E.A.W.B.	80/67
L.A.D.B./L.A.W.B.	58.0/17.5
CONDENSING SECTION	---
COMP. R.L.A.	2 @ 20.2/11.5/1
CONDENSER FAN F.L.A.	0.5
UNIT M.C.A./M.O.C.P.	11/28
VOLTAGE	480/3/60
D.A.D.B.	105
MIN. S.E.E.R.	10.7
MANUFACTURER	TRANE
MODEL #	SXHLS04
WEIGHT (LBS)	8917
NOTES	1 & 2
1. VFD SUPPLY FAN CONTROL & RETURN FAN CONTROL. 2. SUPPLY WITH RETURN FAN. EXHAUST FAN NOT ACCEPTABLE.	

**DX SPLIT SYSTEM**

UNIT DESIGNATION	AC-1-1,2-1,3-1 & 4-1
TYPE	WALL
SERVICE	SEE PLANS
ACCESSORIES	---
FILTERS	MERV 8
OTHER	---
FAN	---
TOTAL C.F.M.	380
D.A. MINIMUM	---
EXTERNAL S.P.	---
H.P.	---
VOLTAGE	208/1/60
COOLING COIL	---
TOT/SENS CAP. (MGH)	18.0/12.2
E.A.D.B./E.A.W.B. (°F)	80/67
MIN. S.E.E.R.	18.5
HEATING COIL	---
HP HEATING CAP. M.B.H. @ 47	---
MIN. C.O.P./H.S.P.F.	---
ELECTRIC HEAT K.W.	---
VOLTAGE	---
MODEL NO.	PKA-A18HA7
WEIGHT (POUNDS)	29 #
CONDENSING UNIT	---
TYPE	AIR COOLED
D.A.D.B.	95
VOLTAGE	208/1/60
COMPRESSOR R.L.A.	7
CONDENSER FAN F.L.A.	0.5
UNIT M.C.A./M.O.C.P.	11/28
MODEL NO.	PUT-A18KA7
WEIGHT (POUNDS)	100 #
MANUFACTURER	MITSUBISHI
NOTE: PROVIDE UNIT WITH INTERNAL CONDENSATE PUMP AND ROUTE CONDENSATE LINE TO SPILL INDIRECTLY TO NEAREST JANITOR'S SINK.	

**GENERAL MECHANICAL LEGEND**

SYMBOL	DESCRIPTION
---	SUPPLY DUCTWORK
---	RETURN DUCTWORK
---	EXHAUST DUCTWORK
---	OUTSIDE AIR DUCTWORK
(F)	FIRE DAMPER
(S)	SMOKE DAMPER
(S)	COMBINATION FIRE & SMOKE DAMPER
(X)	SUPPLY AIR DIFFUSER
(X)	RETURN OR EXHAUST AIR REGISTER
---	DAMPER
---	COIL - SEE PLANS FOR TYPE
---	E.W.H. ELECTRIC WALL HEATER
---	MANUAL VOLUME DAMPER (M.V.D.)
---	MOTORIZED LINE DAMPER
---	SMOKE DETECTOR
---	8"Ø SUPPLY AIR DIFFUSER @ 200 C.F.M.
---	8"Ø EXHAUST AIR REGISTER @ 150 C.F.M.
---	6"Ø EXHAUST AIR REGISTER @ 100 C.F.M.
---	6"Ø EXHAUST AIR REGISTER @ 100 C.F.M.
---	DUCT TURNED DOWN
---	HOT WATER SUPPLY
---	HOT WATER RETURN
---	CHWS CHILLED WATER SUPPLY
---	CHWR CHILLED WATER RETURN
---	CHECK VALVE
---	UNION
---	BUTTERFLY OR BALL VALVE
---	GATE VALVE
---	O.S. & Y. GATE VALVE
---	CONTROL VALVE - TWO WAY
---	CONTROL VALVE - THREE WAY
---	SPACE THERMOSTAT MOUNTING HEIGHT PER ADA (48" AFF)
---	SPACE T' STAT W/BLANK COVER+ MTG. HT. PER ADA (48" AFF)
---	SPACE HUMIDISTAT
---	SUPPLY DUCT DOWN - SEE PLANS
---	SUPPLY DUCT THRU SLAB OR ROOF - SEE PLANS
---	RETURN OR EXHAUST DUCT THRU SLAB OR ROOF - SEE PLANS
---	RETURN OR EXHAUST DUCT DOWN - SEE PLANS
A.D.	ACCESS DOOR
---	DUCTWORK RISE IN DIRECTION INDICATED
---	DUCTWORK DROP IN DIRECTION INDICATED
---	ROUND DUCTWORK OR FLUE UP THRU ROOF OR SLAB

**CONTROL LEGEND**

SYMBOL	DESCRIPTION
(C)	CONTACT OR RELAY N.O./N.C.
(I)	DIGITAL INPUT
(O)	DIGITAL OUTPUT
(A)	ANALOG INPUT
(B)	ANALOG OUTPUT
(M)	DAMPER AND MOTOR
(F.A.)	FIRE ALARM
(O.L.)	OVER LOAD
(S)	STARTER CONTACTOR WITH OVER LOADS
(S)	SWITCH
(P)	STATIC PRESSURE SENSOR
(S)	SMOKE DETECTOR
(T)	TEMPERATURE SENSOR
(H)	HUMIDITY SENSOR

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