

FAN COIL UNIT SCHEDULE			
GENERAL	UNIT TAG	FCU-1	FCU-2
	MANUFACTURER	ENVIRO-TEC	ENVIRO-TEC
	MODEL NUMBER	HPP-06	HPP-06
	AREA SERVED	DATA ROOM	STAIRS
	UNIT WEIGHT (LB)	200	200
SUPPLY FAN	AIRFLOW (CFM)	600	600
	OUTSIDE AIRFLOW (CFM)	0	0
	EXTERNAL STATIC PRESSURE (IN WG)	0.25	0.25
	TOTAL STATIC PRESSURE (IN WG)	1.0	1.0
	BRAKE POWER (HP)	0.20	0.20
	MOTOR POWER (HP)	1/4	1/4
	MOTOR SPEED (RPM)	1,150	1,150
	MOTOR TYPE	PSC	ECM
	VOLTAGE / PHASE	115 / 1	115 / 1
	DRIVE TYPE	DIRECT	DIRECT
	VOLUME CONTROL	CONSTANT VOLUME	MOTOR POTENTIOMETER
FILTER	TYPE (EFFICIENCY)	2" PLEATED (MERV 8)	2" PLEATED (MERV 8)
	CLEAN PRESSURE DROP (IN WG)	0.20	0.20
	DIRTY PRESSURE DROP (IN WG)	0.50	0.50
CHILLED WATER COIL	AIRFLOW (CFM)	600	600
	TOTAL CAPACITY (BTU/H)	12,100	12,100
	SENSIBLE CAPACITY (BTU/H)	12,100	12,100
	ENTERING AIR TEMPERATURE DB / WB (°F)	75 / 60	75 / 60
	LEAVING AIR TEMPERATURE DB / WB (°F)	52 / 51	52 / 51
	MAX FACE VELOCITY (FPM)	500	500
	AIR PRESSURE DROP (IN WG)	0.45	0.45
	ROWS / FINS PER INCH	4 / 12	4 / 12
	WATER FLOW RATE (GPM)	2.5	2.5
	WATER PRESSURE DROP (FT WATER)	2	2
	TUBE WATER VELOCITY (FPS)	2.1	2.1
	ENTERING WATER TEMPERATURE (°F)	44	44
	LEAVING WATER TEMPERATURE (°F)	58	58
	COIL INDOOR FACTOR (WATERSIDE/FEET)	0.00216	0.00216