

ALTERNATE AIR HANDLING UNIT SCHEDULE RTU-1		
FAN SECTION	AIR HANDLING UNIT TAG	RTU-1
	SERVICE	Gym/Hall
	LOCATION	Roof Above Gym
	MAKE / MANUFACTURER	LGC180S2B / Lennox
	MODEL / FAN - SIZE/TYPE	FC/15x15
	TOTAL AIRFLOW RATE CFM (l/s)	4,800 (2,264)
	MINIMUM FRESH AIRFLOW RATE CFM (l/s)	2,200 (1,038)
	EXTERNAL STATIC IN. W.G. (pa)	0.75 (12)
	MOTOR HP (kw)	5 (4)
	FILTER SECTION	PLEATED 30% (MERV 7)
	FILTER NO. & SIZE INCHES (mm)	6 @ 24 x 24 (610 x 610)
	HEATING SECTION	HEATING CAPACITY KW (MBH) INPUT/OUTPUT
MEDIUM		Natural Gas
ENTERING AIR TEMP. °F (°C)		22.8 (-5.1)
LEAVING AIR TEMP. °F (°C)		96.9 (36.1)
COOLING SECTION	COOLING COIL NO. & SIZE INCHES (mm)	1 @ 30 x 50 (750 x 1250)
	COOLING CAPACITY TOTAL/SENS MBH (ton)	190 (15.9) / 123 (10.3)
	MEDIUM	R-22
	ENTERING AIR TEMP. DRY/WET °F (°C)	81.6 (27.6) / 68 (20)
	LEAVING AIR TEMP. °F (°C)	57 (13.9) / 57 (13.9)
	MAX. AIR PRESSURE DROP IN. W.G. (pa)	0.6 (152)
	MAX. FACE VELOCITY FPM (m/min)	500 (152)
ACCESSORIES	UNIT WEIGHT LBS (kg)	2760 (1251)
	Stainless Steel Heat Exchanger	
	Economizer with Differential Enthalpy Control and Standard Static Power Exhaust Fans for 100% Relief Air	
	Fresh Air Tempering Kit with field installed Discharge Air Temperature Sensor.	
	Step-down style combination ceiling supply air and return air diffuser suitable for 4,800 cfm.	
	Controls for heating and cooling shall be suitable for control by the DDC system.	
	Roof Curb	