

GENERAL:

- 1.1 Consultant shall provide calculations to determine whether high pressure seals are required.
- 1.2 Ductwork shall be configured to allow all four airflows to be measured per the airflow device's manufacturer's recommendations.

2. Location

- 2.1 For new construction, and existing buildings where possible, locate all heat recovery units inside the building or in a penthouse. Rooftop locations are not preferred.
- 2.2 Exterior units will be designed specifically for outdoor installation.
- 2.3 Where exterior equipment is to be located above a roofing system, adequate space shall be provided below equipment to allow for roof maintenance as specified by NRCA Roofing Manual. Avoid multiple rooftop penetrations.
- 2.4 Vibration and sound transmission from mechanical equipment will not exceed ASHRAE sound criteria.

3. Filters

- 3.1 Outside and return air inlets shall have galvanized steel filter racks
- 3.2 Provide 2" disposable-type pleated air prefilters rated at MERV 7 as a minimum.
- 3.3 Provide filter gauges at each filter bank.

4. Internal Access

- 4.1 Code,

l be located to facilitate accessibility, maintainability
um clearance on the side for wheel access, filter
". All other sides must have a minimum of 24" to

covery units, will be capable of being pulled without
pipes, conduit, etc. Two units may share the same

237200 Air to Air Energy Recovery Units

coil pull space. Coil pull space may utilize a double-wide mechanical room door if the mechanical room is not large enough.

5.4 Mechanical contract drawings shall sh

237200 Air to Air Energy Recovery Units

HEATING COIL TYPE		
CFM		
MAX FACE VEL. (FPM)		
AIR PRESS DROP		
MIN. CAPACITY, TOTAL (BTUH)		