

2.2.19 **Supply Air Flow Measuring Stations**

2.2.19.1 For measuring supply and return air volumes, provide fan inlet airflow traverse probes and transmitters. Stations to be accurate to 2%. Wire analog output to terminal strip, for BAS use.

2.2.20 **Air Blenders:** Provide Blender Products Inc. air blenders consisting of fixed in place swirl vortexes in multiples as required by air quantities and temperatures to ensure mixing to a maximum variation of 5°C (9°F) when combining equal quantities of air at -18°C (0°F and 70°F. Maximum pressure drop is 37 Pa (0.15" W.G.). Maximum distance to filter is 1.5 mixer diameter. Provide Shop Drawings.

2.2.21 The following manufacturers of the above equipment will be considered equal, subject to requirements of Clause "Material and Equipment":

Haakon
Ingenia
Mafna

2.2.22 For individual components, the following manufacturers will be considered equal subject to the requirements of Clause "Materials and Equipment":

Fans	Twin City
Cooling Coils and Glycol Heating Coils	Daikin Heatcraft Trane
Dampers	Tamco Ruskin Ventex/Alumavent
Humidifiers	Armstrong Nortec Sarco Dri Steem Neptronic
Filters	Camfill Viledon
Air Blenders	Blender Products

3 Execution

3.1 **AIR HANDLING UNITS**

3.1.1 Comply with manufacturer's rigging and installation instructions for unloading the units and moving to the final location.

3.1.2 Mount all sections of unit on a common concrete base. See Section 21 05 01 for base height.