

- .6 Submit test report and plot of pressure flow characteristic on catalogue fan curve, to both the Consultant and the Commissioning Agent, for review as shop drawing.

## 2 PRODUCTS

### 2.1 General

- .1 Supply units, including Return and Exhaust Fan units to be factory assembled, from base, frame, casings, access doors, components such as fans, coils, filters, dampers, humidifiers, motors, belt and variable frequency drives, drip pans, vibration isolation, silencers, inlet cowls, louvres, and accessories as shown and specified.

*Standard of Acceptance*

- Ventrol (EFI)
- Mafna (Applied Energy)
- Haakon (HTS)



### 2.2 Materials

- .1 Galvanized steel:
- a) ASTM A-527 lock-former quality
  - b) ASTM A525-75 designation G90 class for unpainted surfaces,
  - c) satin coat steel for painted surfaces.
- .2 Stainless Steel:
- a) type 304/304L to ASTM A480 Specification for General Requirements for Flat Rolled Plate, Sheet and Strip
- .3 Aluminum:
- a) Type 3003-H-14,
- .4 Insulation:
- a) neoprene faced fibreglass 4.5 lb/ft3 density, or min. R-13 foam injection

### 2.3 Finish

- .1 Paint external galvanized surfaces with one coat of phosphate vinyl wash primer, finished with two part blend of bond primer and alkyd enamel paint. Finish colour shall be a specialty colour (ie non standard range of manufacturer's selection) selected by the architect during shop drawing review.