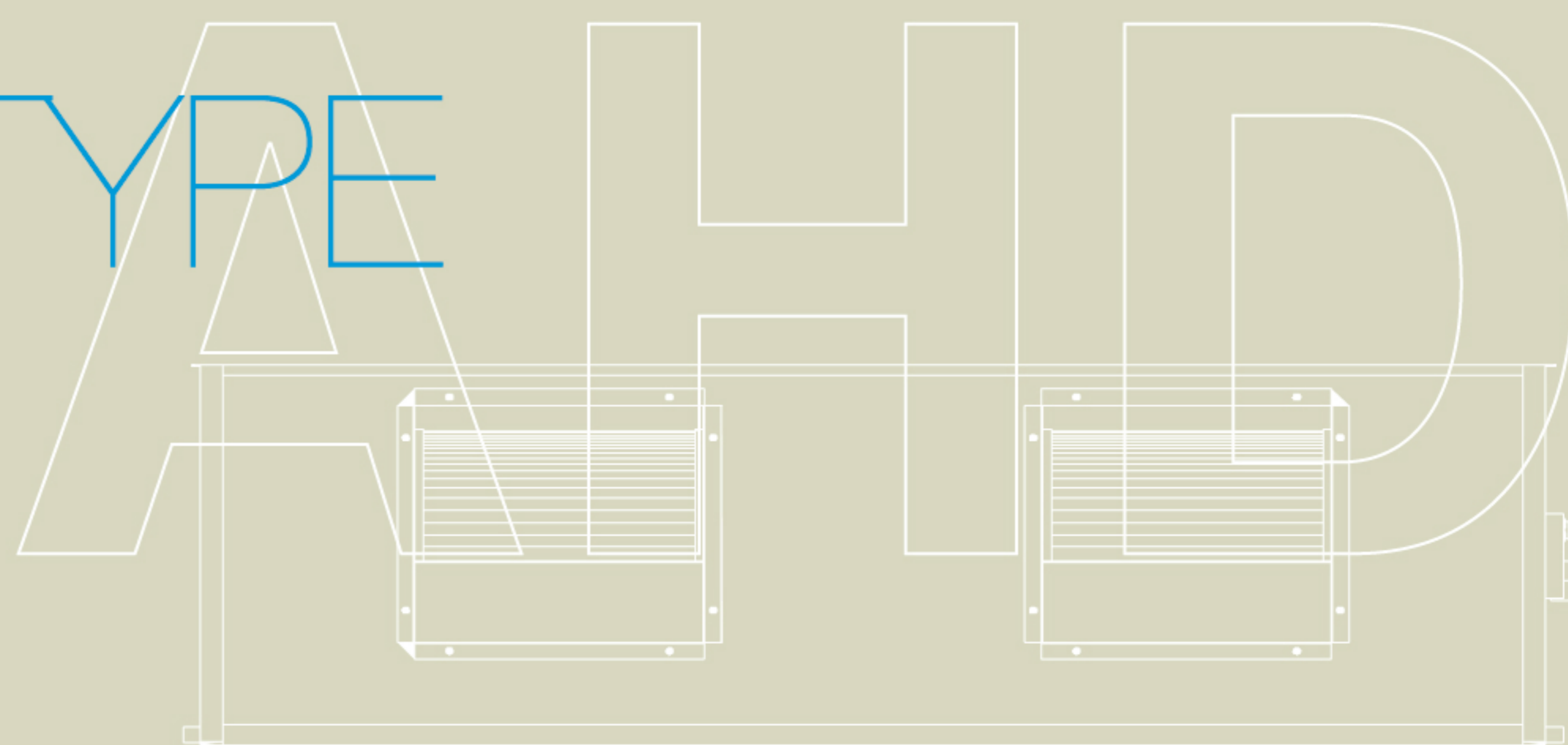




# DUCTED TYPE AHD



Model AHD25-60



Model AHD80-100

## Standard Condition



## Options



## FAN COIL UNITS GENERAL DATA "AHD"

| Model Number       |                          | 25                       | 36                        | 40      | 48      | 60       | 80        | 100       | 125     |           |
|--------------------|--------------------------|--------------------------|---------------------------|---------|---------|----------|-----------|-----------|---------|-----------|
| Performance Data   | Nominal cooling capacity | Btu/h                    | 25000                     | 36000   | 40000   | 48000    | 60000     | 80000     | 100000  | 125000    |
|                    | Noise level (H / M / L)  | dB(A)                    | 55-70                     |         |         |          |           |           |         |           |
|                    | Nominal air flow rate    | cfm                      | 800                       | 1200    |         | 1600     | 2000      | 2400      | 3200    | 4000      |
| Electrical Data    | Power supply             | V / Ph / Hz              | 220/1/50                  |         |         |          |           |           |         |           |
| Coil Data          | Face area                | m <sup>2</sup>           | 0.22                      | 0.3     |         |          | 0.55      |           | 0.63    |           |
|                    | Number of rows           | n                        | 3                         |         | 4       |          | 3         | 4         |         |           |
|                    | Pre-filter / Air filter  | Type                     | Aluminium                 |         |         |          |           |           |         |           |
|                    | Fin type                 | Type                     | Corrugated                |         |         |          |           |           |         |           |
|                    | Tube size                | in                       | 3/8                       |         |         |          |           |           |         |           |
| Blower             | Type                     | Centrifugal Double Inlet |                           |         |         |          |           |           |         |           |
|                    | Number used              | n                        | 1                         |         |         |          |           | 2         |         |           |
| Blower motor       | Motor                    | Type                     | Permanent Split Capacitor |         |         |          |           |           |         |           |
|                    | Drive                    | Type                     | Direct                    |         |         |          |           |           |         |           |
|                    | No. of motors            | n                        | 1                         |         |         |          |           | 2         |         |           |
| Piping Connections | Liquid line size         | in                       | 3/8                       |         |         | 1/2      |           | 5/8       |         |           |
|                    | Gas line size            | in                       | 5/8                       | 3/4     |         |          | 1 1/8     |           | 1 3/8   |           |
|                    | Drain connection size    | in                       | 7/8                       |         |         |          |           |           |         |           |
| Dimensions         | Height (Box / Unit)      | mm                       | 410/330                   | 550/466 |         |          |           |           |         |           |
|                    | Length (Box / Unit)      | mm                       | 970/882                   |         |         | 1050/962 |           | 1690/1565 |         | 1880/1742 |
|                    | Depth (Box / Unit)       | mm                       | 615/545                   | 695/665 |         |          |           |           |         |           |
| Weight Approx.     | Net / Shipping           | kg                       | 48 / 50                   | 52 / 55 | 52 / 56 | 55 / 58  | 59.5 / 63 | 89 / 93   | 95 / 99 | 104 / 110 |
| Shipping Info      | 20' container load       | n                        | 105                       | 83      |         | 72       |           | 44        |         |           |
|                    | 40' container load       | n                        | 215                       | 169     |         | 148      |           | 93        |         |           |
|                    | 40' HC container load    | n                        | 258                       | 180     |         | 162      |           | 104       |         |           |

Specification are subject to change without notice Note : @ Rating Btu/Hr 80°F (26.7°C) D.B., 67°F (19.4°C) W.B. entering air to INDOOR coil 95°F (35°C) ambient air for OUTDOOR unit