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HSK Offers Flexline and Quickline AHUs

HSK has brought out Flexline and Quickline series air handling units, as a result of 1.5 years of work of its R&D department, working with the understanding of 'quality in products and production,' that is continuously developed. Flexline and Quickline are two different air handling units that use the same body structure. These devices are able to perform all inside air conditioning operations effectively regardless of operating conditions due to their advanced thermal and mechanical performance.



HSK Flexline/Quickline series air handling unit

Features

Both air handling unit models:

- have no thermal bridge
- have panels with 50 mm thick rock wool isolation
- have high body endurance
- have body and filter sealed
- ensure accurate selection of capacity for all kinds of air conditioning processes, with AIRWARE software.
- use 1mm-thick panel plate with 1 mm thickness and 2 mm-thick galvanized case profiles with 30 x 30 dimensions.

The Flexline air handling unit has a maximum air flow of up to 100,000 m³/h.

Maximum air flow of up to 20,000 m³/h is capable with the Quickline air handling unit. A plug fan is standardly used and the motor is directly coupled taking away the need for a belt and pulley. Thus, efficiency losses, and operational costs resulting from change of belt and line adjustment of pulleys, are eliminated. Directly coupled fans manufactured and incorporated as standard equipment together with the specially developed frequency converter panels means energy can be saved by decreasing the air flow thanks to the frequency converter, the pressure or heat sensitive element, elimination of the need for a control panel. This particularly is true when the enterprise is working at low capacity.