

# X-PER Air Curtain RQ-5S (Hi-Power) Concealed Elegance Series

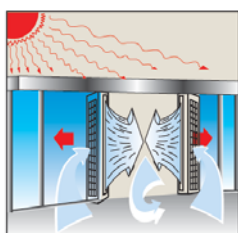
# RQ-5S



## Features

- 18-19 m/s air flow velocity
- 90 up to 210 cm in length
- Centrifugal Impellers
- Statically & Dynamically Balanced
- Totally Enclosed Motor IP44
- Motor Insulation Class F
- Direct drive
- Self-lubricating ball bearing
- 2 speeds selectable
- EG Steel Construction
- Powder Coating Finish
- Manual/Automatic Operation
- Removable Front Grill

THE PERFECT BARRIER FOR BLOCKING HEAT, INSECTS, AND DUST





*XQ vs. RQ: A wall-mount XQ-5S was replaced by a recessed RQ-5S at the same site.*

The RQ-5S series of air curtains are made from galvanized steel with powder coating finish. They are designed to be installed concealed within false ceiling so the unit will be completely flushed to blend in with modern architecture.

The impellers are directly driven. The motors used are of totally enclosed type, IP44, Insulation Class F, with self-lubricating ball bearings. RQ-5S can operate at 2 selectable speeds, 'LO' and 'HI'.

With appropriate controller, the RQ-5S can be configured to operate in manual as well as automatic modes whereby the air curtain units will operate only when the door is opened and stop automatically when the door closed.

### Dimension & Performance

| Model          | Dimension (mm) |        |       | Airflow Speed (m/s) |       | Airflow Volume (CMH) |      |
|----------------|----------------|--------|-------|---------------------|-------|----------------------|------|
|                | Length         | Height | Depth | Low                 | High  | Low                  | High |
| <b>RQ-509S</b> | 980            | 290    | 430   | 16-17               | 18-19 | 1275                 | 1434 |
| <b>RQ-512S</b> | 1280           |        |       |                     |       | 1700                 | 1912 |
| <b>RQ-515S</b> | 1580           |        |       |                     |       | 2125                 | 2390 |
| <b>RQ-518S</b> | 1880           |        |       |                     |       | 2550                 | 2868 |
| <b>RQ-521S</b> | 2180           |        |       |                     |       | 2975                 | 3346 |

### Specifications

| Model          | Input    | Current (A) |      | Power (W) |      | Weight | Noise (dBA) |      |
|----------------|----------|-------------|------|-----------|------|--------|-------------|------|
|                | V/Ph/Hz  | Low         | High | Low       | High | Kg     | Low         | High |
| <b>RQ-509S</b> | 220/1/50 | 1.6         | 1.9  | 323       | 383  | 19     | 62±1        | 66±2 |
| <b>RQ-512S</b> |          | 2.0         | 2.5  | 416       | 500  | 21     |             |      |
| <b>RQ-515S</b> |          | 2.6         | 3.1  | 531       | 633  | 26     |             |      |
| <b>RQ-518S</b> |          | 3.0         | 3.7  | 624       | 750  | 28     |             |      |
| <b>RQ-521S</b> |          | 3.6         | 4.4  | 739       | 883  | 32     |             |      |



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