

# X-PER Air Curtain

## RQ-8 / RQ-8S

### Heavy Duty Concealed Series

# RQ-8

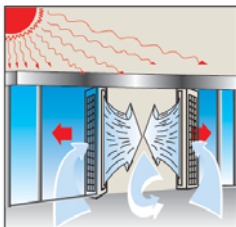
# RQ-8S



## Features

- 18-19 m/s airflow velocity
- Over 5,400 CMH airflow volume
- 90 and 120 cm standard length
- Customized lengths available
- Centrifugal impellers
- Single or 3 Phase electrical input
- Totally enclosed motor IP44
- Motor Insulation Class F
- Direct drive
- Self-lubricating ball bearing
- Galvanized Steel construction
- Powder Coating finish
- 304 or 316L Stainless Steel available
- Manual/Automatic modes

**THE PERFECT BARRIER FOR BLOCKING HEAT, INSECTS, AND DUST**



**X-PER**  
Air Curtain



The RQ-8 and RQ-8S series of heavy duty 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 of Forward-Curved Centrifugal type, double inlet, and directly driven. The motors used are of totally enclosed type IP44 with self-lubricating ball bearings. Motor insulation is Class F.

With appropriate controller, the RQ-8 and RQ-8S 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.

Also available in 304 and 316L stainless steel construction.

#### Dimension & Performance

Type	Model	Dimension (mm)			Airflow Velocity		Airflow Volume	
		Length	Width	Height	FPM	m/s	CFM	CMH
Horizontal Concealed	RQ-809 (TL/TR)	980	650	460	3800	18-19	2403	4082
	RQ-812 (TL/TR)	1280					3204	5442
	RQ-809S (TL/TR)	980			3800	18-19	2403	4082
	RQ-812S (TL/TR)	1280					3204	5442

#### Specifications

Type	Model	Voltage	Freq	Phase	Current	Power	Weight	
		V	Hz	Φ	A	W	Kg	lb
Horizontal Concealed	RQ-809 (TL/TR)	380-415	50	3	0.82	650	38.3	84.4
	RQ-812 (TL/TR)				0.93	750	41.6	91.7
	RQ-809S (TL/TR)	220-240		1	3.25	650	38.3	84.4
	RQ-812S (TL/TR)				4.70	750	41.6	91.7

Suffixes "TL" and "TR" refer to Stainless Steel grade 304 and 316L respectively. Customized unit lengths are available.