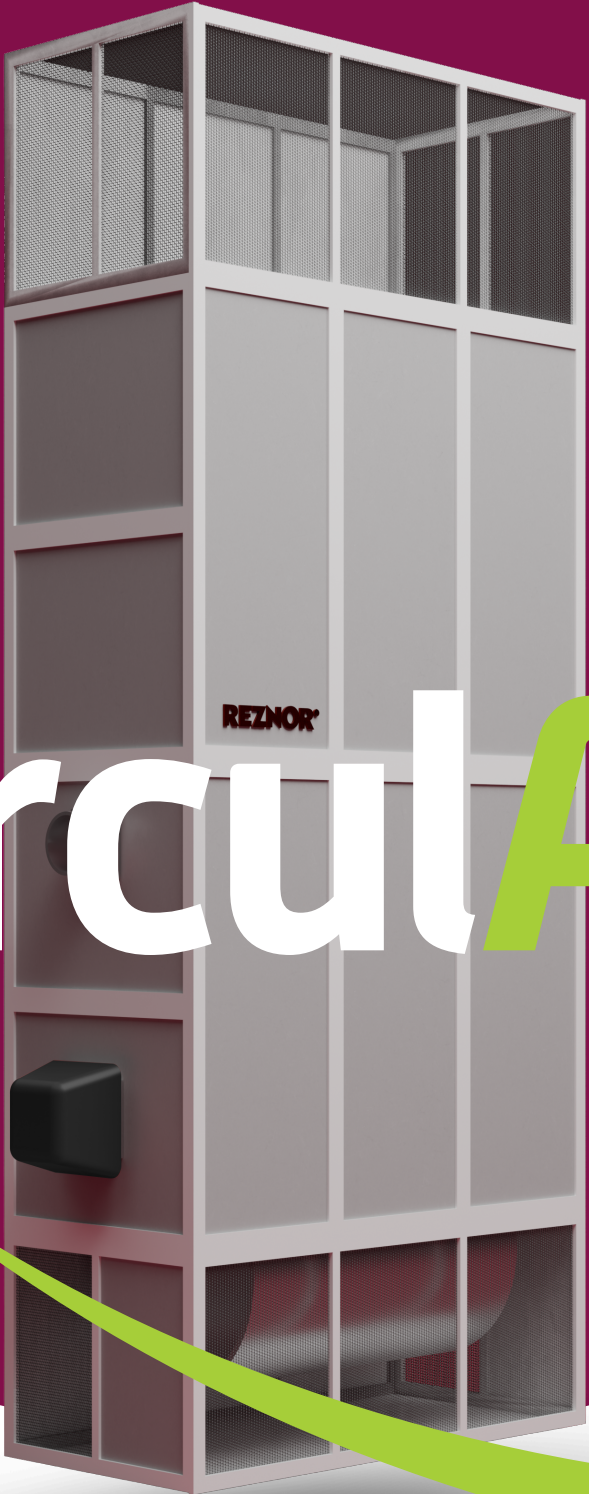


CirculAir



AIR ROTATION
PRODUCT GUIDE

NORDAIR
NICHE POWERED BY
REZNOR

REZNOR®

AIR ROTATION

REZNOR CIRCULAIR

The CirculAir is an air rotation system designed to distribute warm and ambient air evenly across large spaces. By circulating heat effectively, it removes the need for traditional ductwork or high-level destratification fans.

Its straightforward, fast-track installation offers a cost effective and energy efficient heating solution, with minimal ongoing maintenance requirements.

GAS-FREE FUEL
OPTIONS
lower your carbon footprint

<85db
Less than 85 decibels with insulated panels and attenuator

-  QUICK, LOW-COST INSTALLATION
-  HIGH ENERGY EFFICIENCY
-  COVERS UP TO 37,500 M³
-  MADE BESPOKE FOR YOUR ENVIRONMENT

How It Works

The system draws in cooler air at low level and circulates the air at high level where it mixes with the warmer air. This develops a gentle airflow pattern, displacing the high level hot air and returning it to floor level to provide automatic de-stratification.

When additional heating is needed, the supply air is gently tempered to maintain only a small difference between the discharge temperature and the ambient room temperature. This approach minimises the natural tendency of warm air to rise, effectively preventing stratification.

Technical Data

		SIZE 1	SIZE 2	SIZE 3
SPECIFICATION GUIDE	NOMINAL OUTPUT (kW)	100-250	250-450	450-800
	AIR VOLUME (M3/s)	5m3/s - 13m3/s	14m3/s - 26m3/s	30m3/s - 50m3/s
	GAS CONNECTION SIZE (BSP)	25mm - 32mm	32mm - 50mm	50mm - 65mm
	GAS CONSUMPTION	NAT GAS G20 LPG G30	10.57 - 26.43	26.43 - 47.58
			4.09 - 10.22	10.22 - 18.39
			47.58 - 84.59	18.39 - 32.70
	OIL CONNECTION SIZE (BSP)	3/8"	3/8"	3/8" - 1/2"
	OIL CONSUMPTION (l/h)			
	NOISE LEVEL @5M dB (A)	Dependant on design criteria		
	SUPPLY VOLTAGE (V)	400v 50Hz 3ph N&E		
START CURRENT (Amps)		Dependant on design criteria		
RUN CURRENT (Amps)		Dependant on design criteria		

Features

- Hybrid fuel capability
- Condensing models available
- Energy-efficient EC fan motors
- Low-noise operation
- Flexible modular design
- Manufactured in Britain
- Certified installation and commissioning support

Benefits

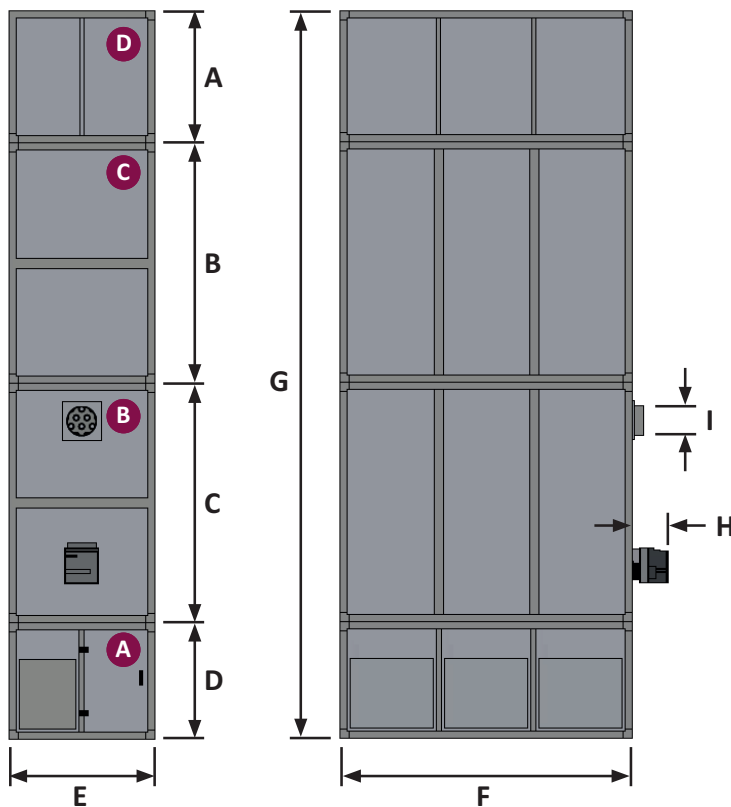
- Heats large areas with one unit
- No de-stratification fans needed
- No ductwork required
- Precise temperature control
- Reuses waste heat for savings
- Custom air circulation options
- Low maintenance, easy access for servicing

Applications

- Warehousing & Distribution Centres
- Manufacturing plants & production facilities
- Logistics hubs
- Parcel sorting centres
- Food processing
- Storage centres
- Generally, large warehousing & commercial properties

Dimensions

MODELS	SIZE 1	SIZE 2	SIZE 3
A	1000	1000	1700
B	1100	1800	1950
C	2000	2000	2550
D	1200	1200	1800
E	1400	1500	2100
F	2000	3000	4000
G	5300	6000	8000
H	610	623	623
I	up to 150kW - 130 180kW - 200 265 & 300kW - 250	300 to 350	300 to 350



Section Weights

MODELS	A	B	C	D
SIZE 1	231kg	181kg	554kg	410kg
SIZE 2	265kg	254kg	731kg	520kg
SIZE 3	346kg	295kg	781kg	610kg

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