

Why Choose a WarmCair Heater

WarmCair

FEATURES

- ✓ Available with or without Domestic Hot Water
- ✓ Electronic air cleaner option
- ✓ Fully modulating
- ✓ Summer air circulation facility
- ✓ Condensing pump included as standard
- ✓ Available up to 26kW
- ✓ Manufactured in the UK
- ✓ Comprehensive Free Guarantee*

WARMCAIR MODEL RANGE

WARMCAIR C RANGE WITHOUT DOMESTIC HOT WATER

DOWNFLOW

UPFLOW

C10D

-

C16D

C16U

C26D

-

WARMCAIR DW RANGE WITH DOMESTIC HOT WATER

C10DW

C16DW

C20DW



*2 years Parts and Labour, 3 years parts only. T's & C's apply



Johnson
& Starley

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The Benefits of Buying a Johnson & Starley Warm Air Heater

FULLY
COMPLIANT WITH
PART L
BUILDING
REGULATIONS

JOHNSON & STARLEY WARMCAIR



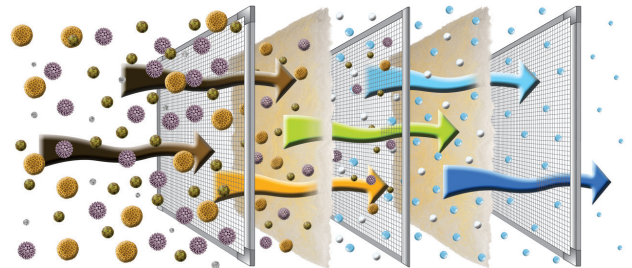
- ✓ WarmCair Range Available with or without domestic Hot Water.
- ✓ Condense pump included in cost.
- ✓ Electronic air filtration system 'Cleanflow' option.
- ✓ Built in clock.
- ✓ 100mm flue allowing for easier installation.
- ✓ Concentric flexible flue. (single pipe)
- ✓ Top closures for 'slotfix' installations, no unsightly gaps.
- ✓ Will fit on existing plenum
- ✓ 5 year Guarantee*
- ✓ Guarantee starts from date of installation
- ✓ Manufactured in the UK

CLEANFLOW ELECTRONIC AIR FILTRATION

With a warm air system, the air within the dwelling passes across the air filters around 6 times per hour.

This presents the perfect opportunity to electronically clean the air and remove smaller particles such as pollen, mould and tobacco smoke.

Ideal for houses with pets, smokers, and people suffering from asthma and other bronchial conditions.



OTHER MAKES OF WARM AIR HEATERS



- ✓ Warm air models only, no hot water.
- ✓ Condense pump additional cost.
- ✓ No electronic air filtration system.
- ✓ Electrician required to install thermostat
- ✓ No concentric flue. (Separate flue & air pipes required).
- ✓ No top enclosure for 'slotfix' meaning un-sightly gap left.
- ✓ Larger footprint, wont fit original plenum.
- ✓ Larger flue diameter (extra disruption during installation)
- ✓ 2 years only guarantee
- ✓ Guarantee starts from date purchased from supplier, not installed.
- ✓ 2 years parts only for replacement heat-exchanger.
- ✓ Manufactured in Europe

Johnson & Starley have been manufacturing warm air heating since 1922. With such a wealth of knowledge it puts us ahead of the competition and enables us to remain at the forefront of the industry.

As a forward thinking company new product development has never stood still, and with the proposed changes on how we could heat our homes in the future, Johnson & Starley are developing new and innovative solutions that will continue to provide warm air heating.

These will encompass alternative heat sources, greener energy, even greater efficiencies and will comply with the Government requirements for meeting their Green Gas Emission Targets.

In the interest of continuous development Johnson & Starley reserve the right to change specification and/or guarantee periods without prior notice. To view the full Terms & Conditions of our guarantees please visit our website.



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Condensing Warm Air Central Heating

Downflow and Upflow Models

WarmCair

FEATURES

- ✓ Up to 98% Thermal Efficiency
- ✓ Low Carbon & NOx Emissions
Enhanced electronic control
- ✓ Fully modulating
- ✓ Electronic air cleaner option
- ✓ Room Sealed
- ✓ Available up to 26kW
- ✓ Summer air circulation facility
- ✓ Available either upflow or downflow
Condensing pump included as standard

WARMCAIR MODEL RANGE

DOWNFLOW	UPFLOW
C10D	-
C16D	C16U
C26D	-



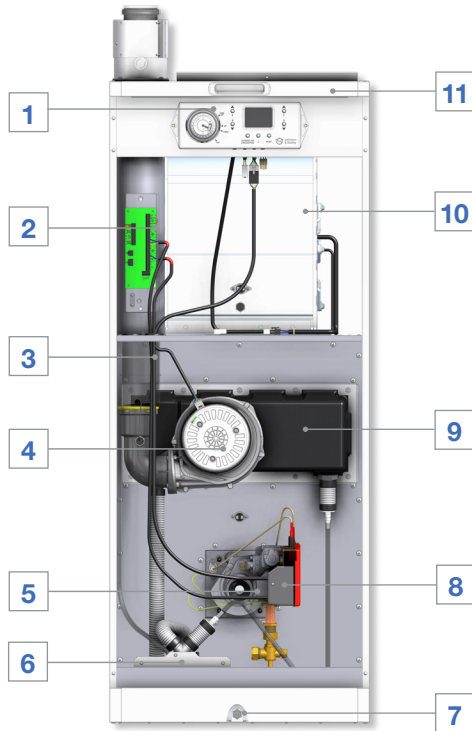
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WarmCair C26D Internal view



SINGLE ZONE WIRELESS THERMOSTAT

Taking care of your comfort and helping you save money on your energy bills by allowing you to control your heating schedule, no matter where you are. Ask your installer for more details.

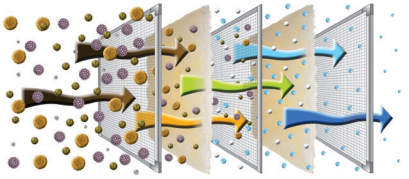


CLEANFLOW ELECTRONIC AIR FILTRATION

With a warm air system, the air within the dwelling passes across the air filters around 6 times per hour.

This presents the perfect opportunity to electronically clean the air and remove smaller particles such as pollen, mould and tobacco smoke.

Ideal for houses with pets, smokers, and people suffering from asthma and other bronchial conditions.



DOWNFLOW MODEL SHOWN

- | | | |
|---------------------------------------|-------------------------------------|---------------------------|
| 1 MMI Control panel with time control | 5 Gas valve/venturi with burner arm | 9 Flue collector box |
| 2 Electrical panel | 6 Integral condensate pump | 10 EC Air circulation fan |
| 3 Sliding flue connector | 7 Duct temperature sensor | 11 Air filter |
| 4 Combustion air fan assembly | 8 ESYS PCB | |

TECHNICAL DATA		Output kW	Dimensions H x W x D	Flue Diameter
DOWNFLOW	C10D	9.0	1200 x 300 x 550	60/100mm
	C16D	15.0	1200 x 400 x 665	60/100mm
	C26D	23.0	1200 x 485 x 665	60/100mm
UPFLOW	C16U	23.0	1200 x 400 x 665	60/100mm

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Condensing Warm Air Central Heating

With Domestic Hot Water

WarmCair

FEATURES

- ✓ Up to 98% Thermal Efficiency
- ✓ Low Carbon & NOx Emissions
Enhanced electronic control
- ✓ Fully modulating
- ✓ Electronic air cleaner option
- ✓ Room Sealed
- ✓ Available up to 20kW
- ✓ Summer air circulation facility
- ✓ Available either upflow or downflow
Condensing pump included as standard

WARMCAIR DW MODEL RANGE

DOWNFLOW

C10DW

C16DW

C20DW



**5 YEAR
GUARANTEE**

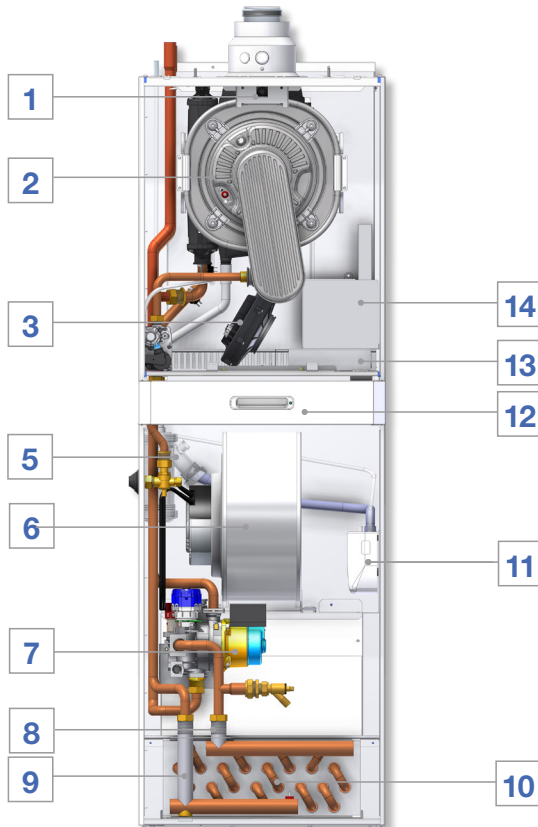
Available as downflow only

*2 years Parts and Labour, 3 years parts only



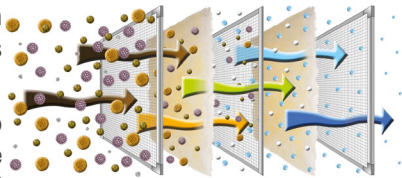
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CLEANFLOW ELECTRONIC AIR FILTRATION

With a warm air system, the air within the dwelling passes across the air filters around 6 times per hour.



14 This presents the perfect opportunity to electronically clean the air and remove smaller particles such as pollen, mould and tobacco smoke.

13
12 Ideal for houses with pets, smokers, and people suffering from asthma and other bronchial conditions.

flue turret not supplied with unit

- | | | |
|-------------------------------|--|------------------------------|
| 1 Flue sensor | 6 Air circulation fan | 11 Condensate pump |
| 2 Water heat generator | 7 High Efficiency Pump | 12 Filter location |
| 3 Combustion air fan | 8 Hot water return to heat source | 13 PCB board |
| 4 Gas valve | 9 Hot water flow from heat source | 14 Warm air PCB board |
| 5 Condensate trap | 10 Warm air heat exchanger | |

TECHNICAL DATA		Output kW	Dimensions H x W x D	Flue Diameter
WARMCAIR DW	C10DW	10.0	1355 X 316 X 550	60/100mm
	C16DW	16.0	1350 X 445 X 515	60/100mm
	C20DW	20.0	1350 X 483 X 628	60/100mm



Cleanflow



sustainable solutions
under one roof

HEATING / HOT WATER / VENTILATION

Electronic Air Cleaner

Creating a healthy indoor environment



Features

- ✓ Attracts dust, smoke, pollen and other air pollutants
- ✓ Creates a clean, healthy environment
- ✓ Neon light indicator
- ✓ No Ozone is produced
- ✓ Retro fitted kits available for all J&S warm air heaters
- ✓ Easy maintenance, full access to all components.

Description

On a warm air system, the air within the dwelling passes across the air filters around 6 times per hour.

This presents the perfect opportunity to electronically clean the air and remove smaller particles such as pollen, mould and tobacco smoke.

Ideal for houses with pets, smokers, and people suffering from asthma and other bronchial conditions.

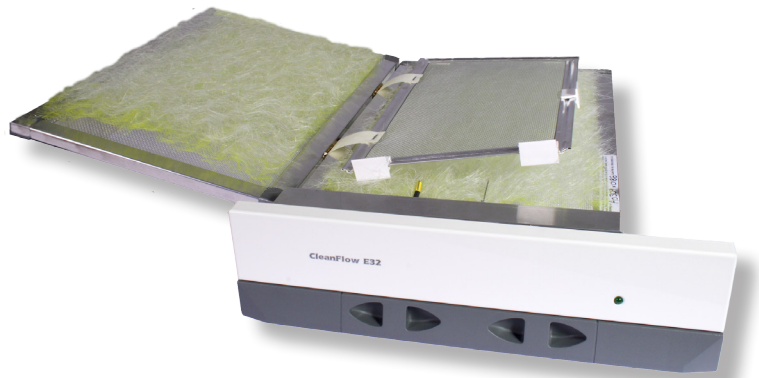


Cleanflow Principle

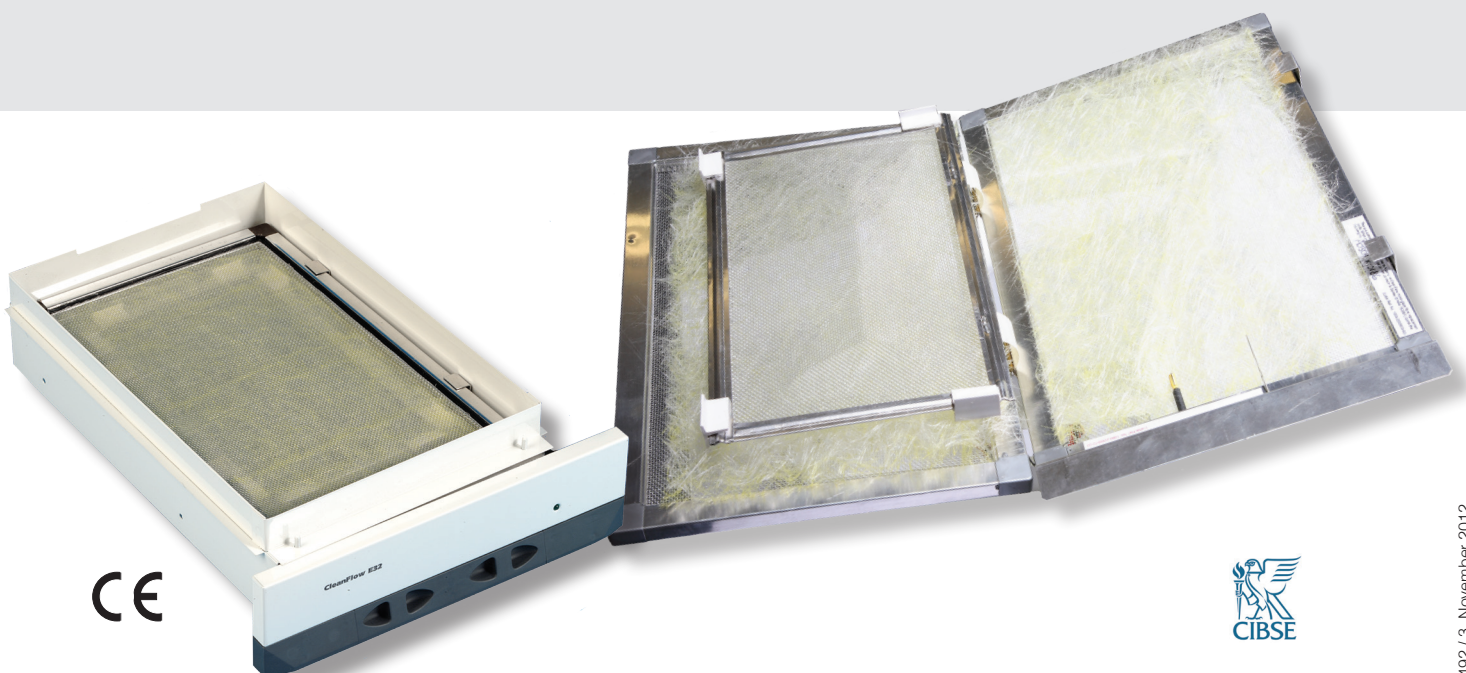
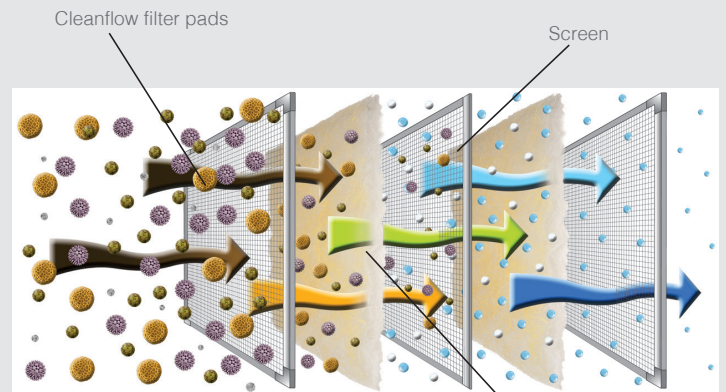
When your air heater is operating on maximum load, all of the air within the dwelling passes across the air filter 6 times per hour. This presents the perfect opportunity to electronically clean the air and remove smaller particles such as pollen, mould and cigarette smoke.

The 'Cleanflow' principle is simple and highly effective. It works by polarising the filter media and thereby the particles are attracted to it. Any particles that are not caught by the media have no polarised charge, so will not adhere to soft furnishings or walls and will be caught on subsequent passes.

The electronic screen is charged and in turn polarises the filter media. Particles are then attracted to, and captured within the media pads. Cleanflow will remove 95% of particles down to 1 micron.



How Cleanflow Works



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