



CK ReCirc™

Data Sheet

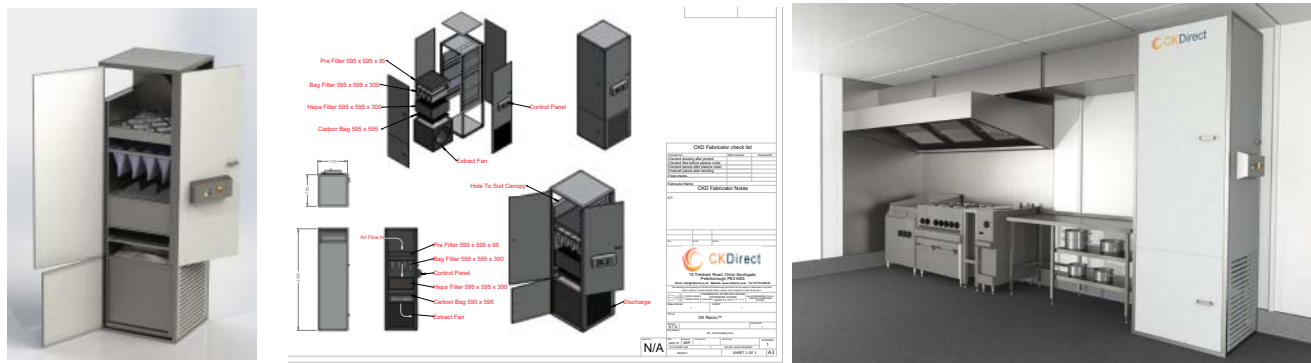


DESIGN | MANUFACTURE | INSTALL | MAINTAIN

Overview | Recirculation Units | CK ReCirc™

In order to give you a greater choice of electrical cooking equipment, CK Recirc™ is available in 8 standard sizes but bespoke units are available to whatever size is required, even Island Canopy's.

All units are fitted with the same levels of high filtration.
 Units are fitted with single phase fan motors for up to 3000mm canopy system.
 Over 3000mm extract fans are fitted with 3 phase fan motors.



Model No.	Canopy size (mm)	Filtration Tower size (mm)	Weight (kg)
CKRE-100	1000(W) x 1200(D) x 500 (H)	650(W)x 650(D) x 2500 (H)	680
CKRE-150	1500(W) x 1200(D) x 500 (H)	650(W)x 650(D) x 2500 (H)	710
CKRE-240	2400(W) x 1200(D) x 500 (H)	650(W)x 650(D) x 2500 (H)	730
CKRE-300	3000(W) x 1200(D) x 500 (H)	1500(W)x 650(D) x 2500 (H)	760
CKRE-350	3500(W) x 1200(D) x 500 (H)	1500(W)x 650(D) x 2500 (H)	790
CKRE-400	4000(W) x 1200(D) x 500 (H)	1500(W)x 650(D) x 2500 (H)	810
CKRE-500	5000(W) x 1200(D) x 500 (H)	1800(W)x 650(D) x 2500 (H)	810
CKRE-600	6000(W) x 1200(D) x 500 (H)	1800(W)x 650(D) x 2500 (H)	850

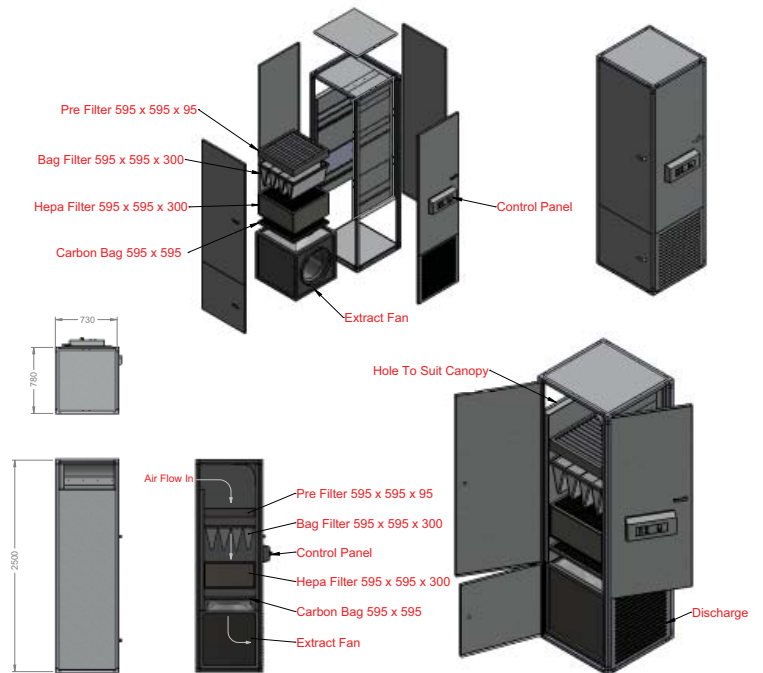
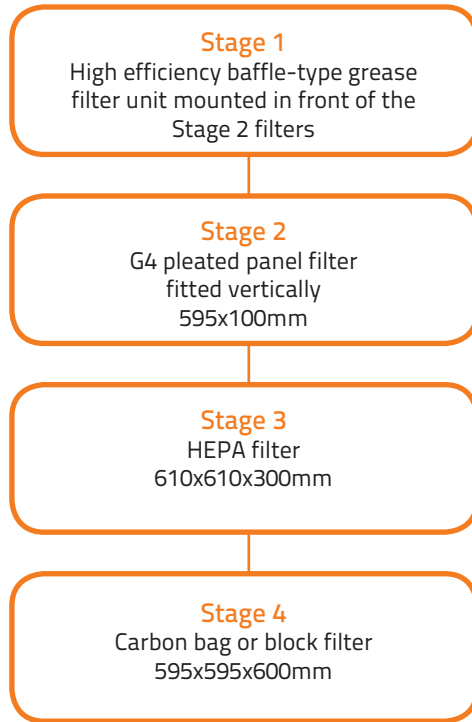
Technical	Fan size	Power	Motor rating	Air flow
CKRE-100	GBW450	1/phase	0.66KW	0.9m3/sec
CKRE-150	GBW450	1/phase	0.66KW	0.9m3/sec
CKRE-240	GBW450	1/phase	0.66KW	0.9m3/sec
CKRE-300	GBW450	1/phase	1.50KW	1.2m3/sec
CKRE-350	GBW450	1/phase	1.50KW	1.2m3/sec
CKRE-400	GBW450	1/phase	1.50KW	1.6m3/sec
CKRE-500	GBW450	1/phase	1.50KW	1.6m3/sec
CKRE-600	GBW450	1/phase	1.50KW	2.0m3/sec

Bespoke Units and sizes are available on request

Drawing & Filtration Flow | CK ReCirc™

For Models CK Recirc™

refer to the following process flow which describes the stages of filtration:



Component Definition | Recirculation Units | CK ReCirc™

Term	Definition
Recirc™ Unit	Product name given to a range of stainless steel kitchen canopies
Fan	A backward curved centrifugal fan housed in the Services Tower to draw grease laden air through the filter stages
Canopy	A rigid, self-supporting stainless steel structure which acts as a point of extraction for grease laden kitchen air
Baffle filter	A high efficiency filter for removing entrained grease and moisture from extract air
Grease tray	Allows drainage of entrained grease droplets and moisture which fall from the grease filters

System Overview | Recirculation Units | CK ReCirc™

When cooking, hot, humid and grease laden air is extracted by the unit.

Recirc™

A backward curved centrifugal fan, mounted on a slide-out fan plate at the top of the unit, draws contaminated grease laden air from cooking appliances through four stages of filtration

The four stages of filtration are:

- **Stage 1:** High efficiency baffle-type grease filter unit mounted in front of the stage 2 filter
- **Stage 2:** G4 pleated panel filter fitted vertically 595 x 100mm
- **Stage 3:** HEPA filter 610 x 610 x 300mm
- **Stage 4:** Carbon Bag filter 595 x 595 x 600mm

1.2: Electrical Requirement

1.3: Amp Fused Spur