

Clearflow C40 Evolution

Compact power flushing pump with the performance to handle systems varying from small microbore to 25 radiators and three floors.



Clearflow CF40 rear view



Why do heating systems need flushing?

With the passage of time, heating systems can develop circulation problems as a result of corrosion and sludge in areas of low flow, such as lower central areas of radiators, and under-floor pipework. Other problems are boiler noises, and fouling and failure of zone valves, circulating pumps, radiators and valves.



Modern boilers have smaller water ways and a lower water content, and are more prone to fouling from contaminated water. Boiler manufacturers now insist that systems are thoroughly cleaned before the installation of a new boiler, in order to protect the warranty. Power flushing, in conjunction with a good flushing chemical, is the most effective way to clean a central heating system.

Hoses supplied:



- 2 x 5m flow & return hoses
- 1 x 8m discharge hose
- 1 x 3m overflow hose
- 1 x 8m water inlet hose (yellow)

Clearflow models feature:

Ultra high flow rate for maximum removal of corrosion debris	Suitable for all heating systems including underfloor and heat pump	Starter pack of chemicals for 2+ flushes; waterproof hose carry container
Dual purpose pump - acid proof construction - descale boilers, water heaters, and other equipment	Instantaneous flow reverser	Run dry capability; 75°C operation
Kamco Support technical expertise; help-line and spares service	FREE Kamco Training at UK training centre with every new Clearflow pump	FREE Kamco Weblink Join our network of Power Flushing Professionals
 Complete with chemicals, hoses, adapters and waterproof crate	BUILT IN BRITAIN 	2 YEAR PARTS & LABOUR WARRANTY WITH EVERY NEW KAMCO PUMP

Clearflow CF40 technical data

Flushing capability	25 radiators; 3 storeys
Tank	39 litre capacity translucent HDPE
Electric motor size	0.8 kW, IP55 rating, 230 or 110 volt
Max.flow rate **	<90 l/m
Max. head	20 m
Max. temperature	75° C.
Flow reverser type	instantaneous
Control valves	2 x 3-port combination valves for isolation and dumping
Flow and return hoses	2 x 5m hoses, 19 mm I.D. re-inforced PVC
Hose end fittings	3/4" x 19 mm tool-free brass hose couplings
Dump hose	1 x 8m, 19 mm I.D. re-inforced PVC
Water inlet hose	1 x 8m ultra tough water hose pipe
Overflow hose	1 x 3m, 19 mm I.D. re-inforced PVC
Other hoses supplied	2 x adapter hoses for connection to 1.5" circulator pump fittings.
Carrying / transport	Integral handle; 200mm wheels
Weight (without hoses)	17.7 kg
Weight (with hoses)	29.3 kg
Chemical handling ability	All commercially available flushing chemicals, acids, alkali and chlorine solutions.
Dimensions (mm), w x d x h	390 x 440 x 690
Also included	Starter pack of flushing chemicals and inhibitor, sufficient for 2+ power flushing jobs; 10 part set of BSP adapters; Operations manual. Waterproof hose set carry container (620 x 430 x 340mm) Pack of 50 power flushing explanatory leaflets for householders.
Training	FREE proficiency training at St Albans Training Centre.
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Other Clearflow models available are:

The CLEARFLOW CF90, with 1.1 kW motor mounted on a 57 litre tank, with flow rate <150 lpm, and maximum head of 24m. Suitable for power flushing domestic systems up to 40 radiator panels.

The CLEARFLOW CF210, with 1.1 kW motor mounted on a 125 litre tank, with flow rate < 170 lpm and maximum head of 28m. Suitable for power flushing small to large domestic systems and small commercial systems, to approximately 60 radiator panels.



Clearflow CF90



Clearflow C210