

Scalebreaker C40 | For the removal of limescale, rust and corrosion from heating and cooling circuits

Built to handle the strongest descaling chemicals



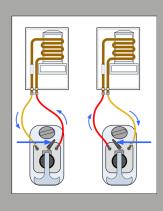
Scalebreaker C40 FWF (with fresh water flush option*)



Scalebreaker C40 FWF rear view



Scalebreaker C40 Standard model



Flow reversal makes cleaning faster & more efficient

Applications include:

- Domestic & industrial boilers.
- Water heaters.
- · Steam generators
- · Condensors.
- Fan coil units and pipework.
- Cooling coils.
- · Water cooled rollers.
- Plate & shell type heat exchangers.
- Mould tools.
- · Extruder barrels.
- Oil coolers.

* The advantages of FWF models:

FWF models include valves, hoses and connections to enable them to pump used chemicals to waste, whilst at the same time flushing cleaned equipment with fresh, clean, water.

The advantages of flow reversal when chemical cleaning:

The descaling process may generate gas/foam which can impede the cleaning process. Reversing the direction of flow allows gas/foam to discharge safely through the tank, unlocking the system and speeding up the descaling process. Flow reversal often enables previously blocked tubes and heat exchangers to be successful cleaned.

Hoses supplied with FWF model:



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

Scalebreaker models feature:

| Integral pump and chemical holding tank for portability and safety. | FWF (fresh water flush) option* | Integral flow reverser for faster and more effective descaling. | | |
|--|--|---|--|--|
| For use with acidic and alkaline cleaning chemicals. | No seals to leak; maintenance free. | Run dry capability. | | |
| Kamco Support technical expertise; help-line and spares service. | BUILT IN BRITAIN | Full range of Kamco Descaling Chemicals | | |
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Scalebreaker C40 technical data

| MODEL | TANK CAPACITY (litres) | kW | VOLTAGE FREQUENCY OPTIONS | MAX. OUTPUT (I/min) | MAX HEAD (m) | WEIGHT (kg) inc. hoses | WIDTH DEPTH HEIGHT (cm) | FLOW & RETURN HOSES | HOSE END FITTINGS (BSP) |
|-------------------------------|------------------------------|-----|---|---------------------------|--------------------|---------------------------|-------------------------------|---|-----------------------------------|
| C40 (FWF & Standard) | 39 | 0.8 | 230v, 50Hz 110v, 50Hz 115v,60Hz 240v, 60Hz | <90 | 20 | FWF 20.7 Standard 19.7 | 44 x 39 x 69 | 2 x 3m, 16mm re-inforced clear PVC. | 3/4" x 16mm hose couplings. |
| | | | | | | | | | |

Scalebreaker C40: Materials of construction:

| Motor support flange and body, flow reverser, volute and impeller | Fibre reinforced polypropylene |
|---|---|
| Impeller housing cover | polyphenylamine sulphide engineering plastic |
| Drive shaft | Steel, sleeved in polypropylene |
| Tank | HD polyethylene, enabling liquid level to be visually monitored |
| Hoses | Nylon re-inforced transparent PVC |

Scalebreaker C40: General information

| Operational and temperature capabilities | Run dry capability; but liquid temperature should not exceed 70°C. |
|--|--|
| Electric motor | Totally enclosed fan-cooled, with IP54 protection. Continuously rated, with plastic membrane covered switch with warning light. |
| Portability and handling | Integral handle moulded into tank; low weight with good stability. |
| Flow reversal device | Instantaneous manually operated flow reversal valve to reduce cleaning time. |
| Chemical handling capability | Acid-proof construction. May be used with all acids in common descaling use: hydrochloric, phosphoric, sulphamic, citric, formic, acetic etc. May also be used with alkalis, and chlorine solutions as used for sterilisation purposes. For compatibility with other all chemicals, please check with Kamco. |

