



HIGH EFFICIENCY THERMAL FLUID HEATING

- The EPC-ES Heater from Babcock Wanson is a multi-pass, fired heater with a long pedigree in both design and construction. The vertical down fired configuration ensures stress free operation and ease of expansion of the heater coil and integral economiser. Both are key features for long equipment life.
- Integral combustion air/exhaust gas economiser ensures very high operating efficiency without the need for external heat recovery – simple, safe and reliable in operation.
- Babcock Wanson burner designed to match the combustion chamber provides efficient operation with high temperature combustion air.
- High thermal fluid velocity in the coil ensures long equipment and fluid life.
- Fully integrated and factory tested control system for simple site installation.

ENVIRONMENTALLY FRIENDLY

- EPC-ES & HRV Heaters are built to proven designs to ensure low fuel consumption and ease of operation.
- High efficiency thermal fluid systems with reduced exhaust gas flow provide substantial environmental advantages.



**RELIABLE &
SAFE DESIGN**



**ENVIRONMENTALLY
FRIENDLY**



**FLEXIBLE
SOLUTION**



**FULL RANGE OF
ANCILLARY EQUIPMENT**

WHY THERMAL FLUID?

Easy Operation

- No freezing hazard
- No liquid effluent produced
- No water treatment or chemicals required
- Very low maintenance and very long plant life
- Corrosion free

Efficiency

- Closed circuit operation - no loss system
- High combustion and plant efficiency
- 20% to 50% less energy consumed to transfer the same amount of heat compared with steam

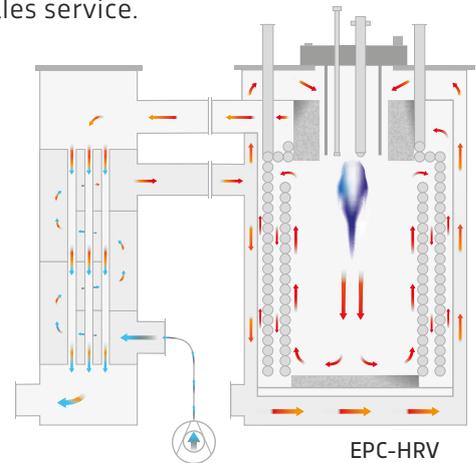
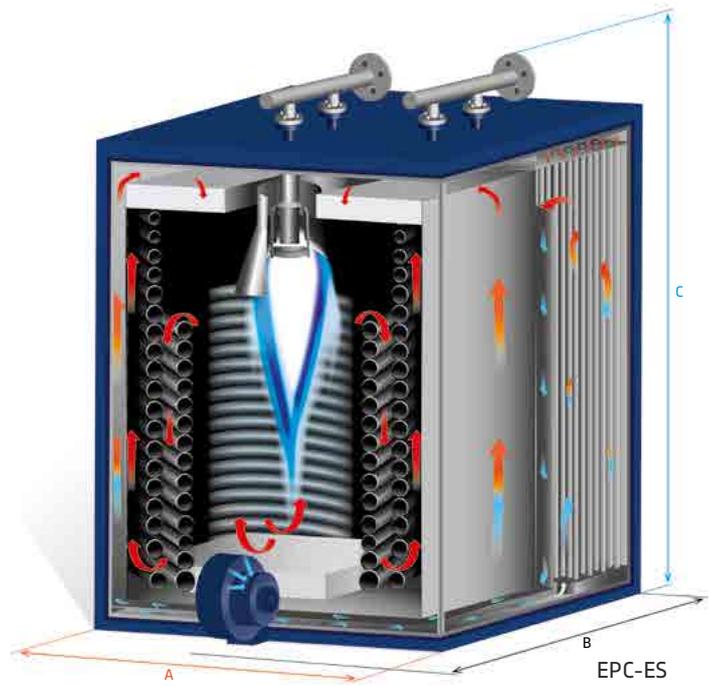
EPC-ES & HRV THERMAL FLUID HEATER

FLEXIBLE SOLUTION

- The EPC-ES & HRV range from Babcock Wanson has been designed to operate in a wide range of industries and with differing heat transfer fluids in both open and pressurised systems.
- All kinds of liquid or gaseous fuels can be used.
- Choosing Babcock Wanson ensures you meet your process heating requirements.

FULL RANGE OF ANCILLARY EQUIPMENT AND SERVICES

- Heat transfer fluid pumps.
- Deaerators and expansion tanks.
- Combined Deaerator and Expansion tank.
- Valves and ancillaries.
- Secondary circuits and controls for heat users.
- Complete turnkey design and installation service.
- Full aftersales service.



ES & HRV	model	1000 ES	1500 ES	2000 ES	2500 ES	3000 ES	4000 HRV	5000 HRV	6000 HRV
Output	kcal/h x 1000	1000	1500	2000	2500	3000	4000	5000	6000
	kW	1163	1745	2326	2908	3489	4652	5815	6978
Width A	mm	1595	1780	2130	2630	2695	2600	3025	3500
Length B	mm	2790	3185	3650	4325	4630	6200	6250	6500
Height C	mm	2730	3455	3480	3515	4265	5250	5900	6400

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Designers and manufacturers of Industrial Boilers, Air Heaters, Thermal Fluid Heaters, Thermal Oxidisers, Water Treatment Plant and associated equipment. Registered Number 573874 London.

Babcock Wanson's policy is one of continuous improvement and the right is reserved to change specifications and dimensions at any time without notice.

