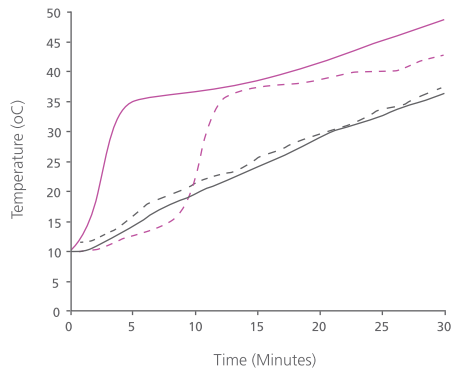


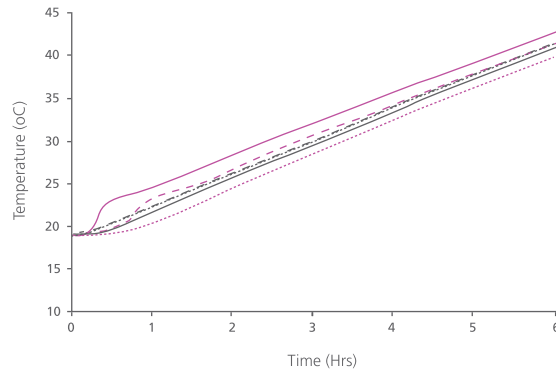
hot head®

Cylinder Reference Number	Recommended Operating Pressure	Net Volume	Dimensions Exc. Insulation	Number Internal Heat Exchangers	Solar Heat Exchanger Max. Work Pressure	Boiler Heat Exchanger Max. Work Pressure	Dedicated Solar Volume
HH 135	1.5 Bar	135 Ltrs	1200x400mm	1/2	3.50 Bar	3.50 Bar	135 Ltrs
HH 148	1.5 Bar	148 Ltrs	1300x400mm	1/2	3.50 Bar	3.50 Bar	148 Ltrs
HH 160	1.5 Bar	160 Ltrs	1400x400mm	1/2	3.50 Bar	3.50 Bar	160 Ltrs
HH 172	1.5 Bar	172 Ltrs	1500x400mm	1/2	3.50 Bar	3.50 Bar	172 Ltrs
HH 209	1.5 Bar	209 Ltrs	1800x400mm	1/2	3.50 Bar	3.50 Bar	209 Ltrs
HH 168	1.5 Bar	168 Ltrs	1200x450mm	1/2	3.50 Bar	3.50 Bar	168 Ltrs
HH 184	1.5 Bar	184 Ltrs	1300x450mm	1/2	3.50 Bar	3.50 Bar	184 Ltrs
HH 200	1.5 Bar	200 Ltrs	1400x450mm	1/2	3.50 Bar	3.50 Bar	200 Ltrs
HH 216	1.5 Bar	216 Ltrs	1500x450mm	1/3	3.50 Bar	3.50 Bar	216 Ltrs
HH 264	1.5 Bar	264 Ltrs	1800x450mm	1/3	3.50 Bar	3.50 Bar	264 Ltrs
HH 203	1.5 Bar	203 Ltrs	1200x500mm	1/2	3.50 Bar	3.50 Bar	203 Ltrs
HH 223	1.5 Bar	223 Ltrs	1300x500mm	1/2	3.50 Bar	3.50 Bar	223 Ltrs
HH 242	1.5 Bar	242 Ltrs	1400x500mm	1/3	3.50 Bar	3.50 Bar	242 Ltrs
HH 261	1.5 Bar	261 Ltrs	1500x500mm	1/3	3.50 Bar	3.50 Bar	261 Ltrs
HH 300	1.5 Bar	300 Ltrs	1800x500mm	1/3	3.50 Bar	3.50 Bar	300 Ltrs

Performance



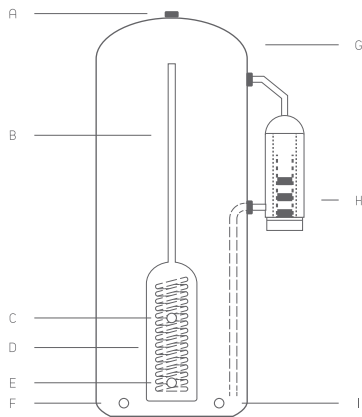
Start-up responses HotHead® vs Conventional non-stratifying cylinder



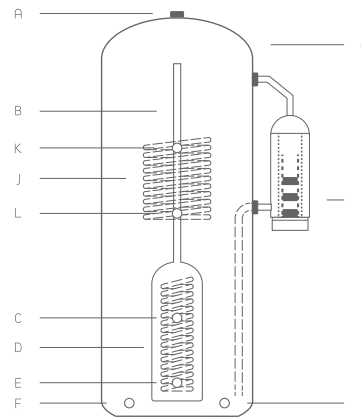
Energy collection from a 12 tube evacuated tube collector under constant irradiation HotHead® vs Conventional non-stratifying cylinder

— Hot Head® Top
 - - - Hot Head® Middle
 Hot Head® Bottom
— Conventional Top
 - - - Conventional Middle
 Conventional Bottom

Indirect open vented

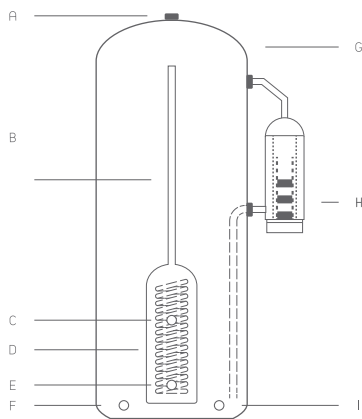


Indirect open vented twin coil

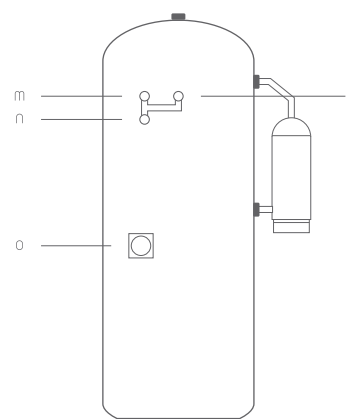


Indirect unvented

Internals

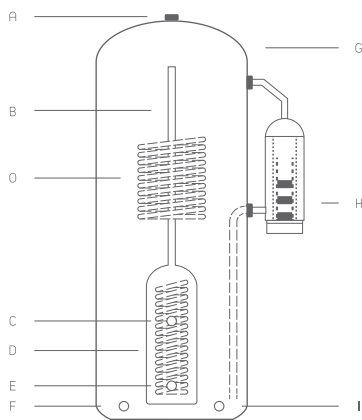


Externals

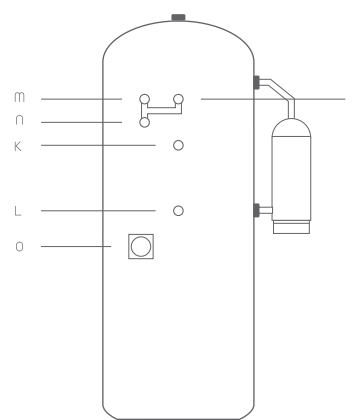


Indirect unvented twin coil

Internals



Externals



- A - Domestic hot water out
- B - Heat transfer funnel
- C - Primary solar return
- D - Compact heat exchange area
- E - Primary solar flow

- F - Domestic cold water in
- G - Environmentally Friendly polyurethane foam insulation
- H - Modular external rapid response immersion heater and sterilization loop

- I - Drain cock
- J - Secondary heat exchange area
- K - Secondary return
- L - Secondary flow
- M - Pressure and temperature relief valve [pre-plumbed]

- N - Tundish [pre-plumbed]
- O - Control stat
- P - Expansion relief valve [pre-plumbed]