



## Danfoss Water Heater KBH

Double-jacketed water heater  
for houses and larger properties.

Danfoss KBH is a double-jacketed water heater for effective heating of tap water. It is available in a range of sizes from 220 to 1000 litres. When large amounts of hot water are required, several KBH heaters can be connected in series.

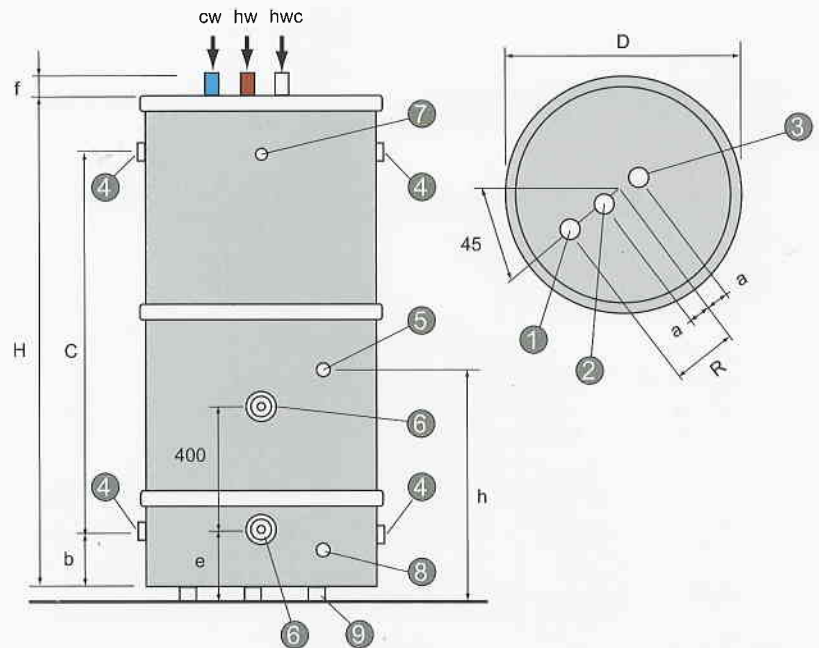
The heater is designed for running with an external heat source such as a heat pump, boiler or oil immersion heater. The tap water in the tank is heated by circulating hot water between the inner and outer jackets.

If the output of the external heat source is insufficient, the tank can be supplemented with an immersion heater.

# DANFOSS KBH

## Connection

- 1 cw connection, copper pipe
- 2 hw connection, copper pipe
- 3 hwc connection
- 4 Hot water – connection (supply and return)
- 5 Thermostat/thermometer – connection DN15 (R1/2") int. thread
- 6 Electric immersion heater – connection DN50 (R2") int. thread
- 7 Upper electric immersion heater – connection DN25 (R1") int. thread
- 8 Discharge connection (concealed) – connection DN15 (R1/2")
- 9 Adjustable feet, 3 pcs



Model	220	500	700	1000
H	1400	1840	1930	2195
R	140	210	240	270
a	45	70	80	90
b	190	225	255	290
c	980	1310	1336	1510
e	205	240	265	295
h	575	730	785	885
f	40	85	85	105

KBH		220	500	700	1000
Weight	kg	110	220	320	450
Volume hot water heater	litres sec/prim	220/38	500/144	700/185	1000/215
<b>Diameter</b>					
with insulation	mm	640	840	940	1040
without insulation	mm	550	750	850	950
Connection cw	mm	28	42	42	54
Connection hw	mm	28	42	42	54
Connection hwc	mm	22	28	28	35
Hot water connection (4) Feed and return	mm	25	32	40	50
Rated pressure	prim/sec	3/10 bar			
Test pressure	prim/sec	3.9/13 bar			
Working pressure	prim/sec	3/9 bar			
Rated temperature	prim/sec	100/100°C			
SA standard approval No.		93-745539			

### Danfoss Heat Pumps UK Ltd

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