

Heat recovery systems



SMART-HEAT

Heat recovery systems





...with over 100,000 installations

Money saving

- Turns heat normally wasted by the refrigeration circuit into hot water
- Reduces energy used by the compressor
- Extends the working life span of the compressor

Flexible

- Range of vessel sizes from 220 to 2,000 litres as a standard range
- Bespoke systems available to customer specification
- Up to six condensing units can be connected to a single SMART-HEAT
- Easy to fit into existing systems

Long life, maintenance free

- Corrosion and scale resistant Duplex stainless steel*
- Very strong yet light and thus easy to install
- No sacrificial anode needed
- Scratch resistant outer cladding
- No pumps or moving parts so maintenance free

Highly efficient

- Built-in heat exchanger; thermoplate technology
- 50mm thick CFC-free foam insulation

Safe operation

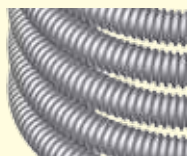
- Fulfills water protection requirements
- Indirect heat exchange to EN12897 and PD5500
- Up to 6 bar operating pressure
- Temperature and pressure relief valve (80°C/10 bar)

Other specifications

- Thermometer – Standard
- Immersion heater with thermostat – Optional
- Silencer / Muffler – Optional

Secondary coil

Optional secondary corrugated coil for alternative heat source, such as a solar panel.

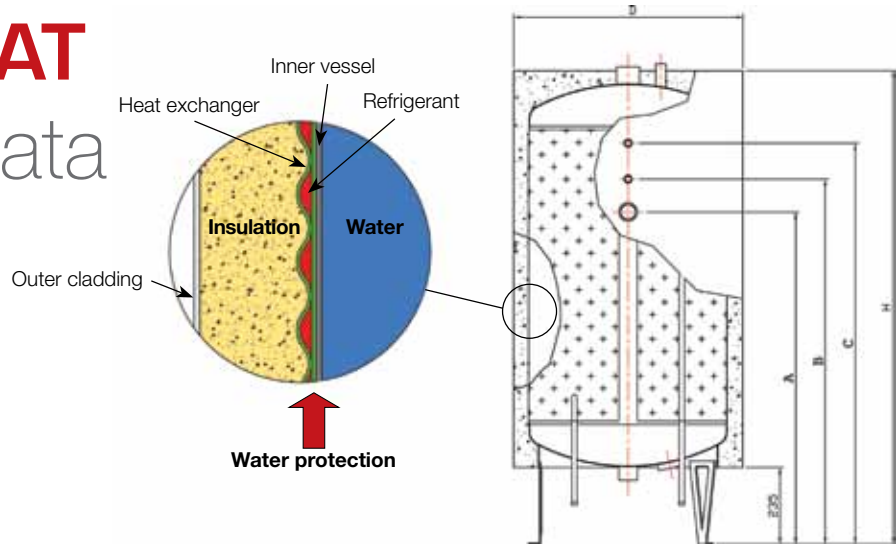


FREE hot water from your WASTE heat!

* drinking water quality

SMART-HEAT

Technical data



Model	Nominal volume (Litres)	No. of separate heat exchangers	Maximum condensing duty per circuit (Watts)*	Refrigeration Inlet/Outlet pipe size (mm)	H Height (mm)	D Diameter (mm)	Weight Net (Kg)	Weight Packaged (Kg)	A** (mm)	B*** (mm)	C*** (mm)
SR-220U	220	1	12000	18	1717	550	71	91	1224	1382	1482
SR-220D	220	2	8500	15	1717	550	71	91	1224	1382	1482
SR-325U	325	1	14000	18	1344	750	82	102	892	992	1092
SR-325D	325	2	10000	18	1344	750	82	102	892	992	1092
SR-325Q	325	4	7500	15	1344	750	82	102	892	992	1092
SR-415U	415	1	18000	18	1600	750	97	117	1143	1243	1343
SR-415D	415	2	11000	18	1600	750	97	117	1143	1243	1343
SR-415Q	415	4	7000	15	1600	750	97	117	1143	1243	1343
SR-415S	415	6	6000	15	1600	750	115	135	1143	1243	1343
SR-520D	520	2	11000	18	1858	750	130	170	1353	1483	1593
SR-520Q	520	4	7000	15	1858	750	130	170	1353	1483	1593
SR-520S	520	6	6000	15	1858	750	130	170	1353	1483	1593
SR-650D	650	2	12000	18	1468	1000	140	180	941	1041	1141
SR-650Q	650	4	9000	15	1468	1000	140	180	941	1041	1141
SR-840D	840	2	17000	18	1748	1000	149	189	1221	1321	1421
SR-840Q	840	4	14000	18	1748	1000	149	189	1221	1321	1421
SR-1000D	1000	2	20000	22	1968	1000	161	201	1441	1541	1641
SR-1000Q	1000	4	16000	18	1968	1000	161	201	1441	1541	1641
SR-1350D	1350	2	14000	18	1667	1290	240	280	1015	1115	1215
SR-1350Q	1350	4	9000	15	1667	1290	240	280	1015	1115	1215
SR-1500D	1500	2	17000	18	1808	1290	254	309	1156	1256	1356
SR-1500Q	1500	4	10000	15	1808	1290	254	309	1156	1256	1356
SR-2000D	2000	2	20000	22	2203	1290	315	355	1550	1650	1750
SR-2000Q	2000	4	16000	18	2203	1290	315	355	1550	1650	1750

* The criteria for the maximum condensing duty is the pressure drop.

** Internal threaded boss dimension 2¼ Inch BSP. *** Internal threaded boss dimension ½ Inch BSP.

Water inlet pipe size 1½ Inch BSP, water outlet pipe size 2 Inch BSP.

Product information is subject to modification.



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