

Combined storage tanks 2-in-1

Combined storage tanks 2-in-1 for heat pump systems to be used for hygienic domestic water heating in through-flow principle and for heating water or for water cooling.

The storage tank serves 2 functions. Fresh-water heating takes place in the upper part of the tank, the lower part buffers the heating return and provides defrost energy for the heat pump. The insulated structure of both tank areas permits large temperature differences. Thus, simultaneous heating up of the hot water and cooling operation of the surface heating system is possible through the heat pump in the summer.

Separate heating elements can be retrofit for both storage tank areas.



NAME		Double Tank	Double Tank	Double Tank	Double Tank	Double Tank (801032-0450)	Double Tank (801032-0451)	Double Tank (801032-0452)	Double Tank (801032-0453)	Double Tank (801032-0454)
MODEL		DT-200	DT-300	DT-400	DT-500	DT-300	DT-400	DT-300	DT-400	DT-500
INNER TANK MATERIAL		SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
INNER TANK THICKNESS	mm	1,2	1,4	1,5	1,5	1,4	1,5	1,4	1,5	1,5
OUTER CASING MATERIAL		Color steel plate	Color steel plate	Color steel plate	Color steel plate	Color steel plate	Color steel plate	Color steel plate	Color steel plate	Color steel plate
OUTER CASING THICKNESS	mm	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4
MAX WORKING PRESSURE	bar	8	8	8	8	8	8	8	8	8
HOT WATER TANK	Volumn	120L	200L	260L	330L	200L	260L	200L	260L	330L
	CYCLE INLET / OUTLET	G1" M	G1" M	G1" M	G1" M	G1" M	G1" M	G1" M	G1" M	G1" M
	HOT / COLD WATER PORT	G3/4" M	G3/4" M	G3/4" M	G3/4" M	G3/4" M	G3/4" M	G3/4" M	G3/4" M	G3/4" M
	ANODE ROD	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F
	P/T VALVE	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F
	ELECTRIC HEATER PORT	G1" F	G1" F	G1" F	G1" F	/	/	G1" F	G1" F	G1" F
	ELECTRIC HEATER	3kW	3kW	3kW	3kW	/	/	3kW	3kW	3kW
	DRAIN OUTLET	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F
	COIL MATERIAL	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
	COIL THICKNESS mm	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
	COIL SPECIFICATION	φ25mmx15m corrugated pipe	φ25mmx20m corrugated pipe	φ25mmx25m corrugated pipe	φ25mmx40m corrugated pipe	φ25mmx15m corrugated pipe	φ25mmx20m corrugated pipe	φ25mmx15m corrugated pipe	φ25mmx20m corrugated pipe	φ25mmx25m corrugated pipe
	COIL SURFACE m²	1,6	2,2	2,7	4,4	1,6	2,2	1,6	2,2	2,7
BUFFER TANK	Volumn	60L	80L	120L	120L	80L	120L	80L	120L	120L
	CYCLE INLET / OUTLET 1	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F
	CYCLE INLET / OUTLET 2	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F	G1" F
	ELECTRIC HEATER PORT	G1" F	G1" F	G1" F	G1" F	/	/	/	/	/
	ELECTRIC HEATER	3kW	3kW	3kW	3kW	/	/	/	/	/
	DRAIN OUTLET	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F	G3/4" F
	AIR VENT	G1/2" F	G1/2" F	G1/2" F	G1/2" F	G1/2" F	G1/2" F	G1/2" F	G1/2" F	G1/2" F
HEATING CAPACITY OF SUITABLE HAET PUMP		≤9kW	≤12kW	≤16kW	≤24kW	≤9kW	≤12kW	≤9kW	≤12kW	≤16kW
PRODUCT SIZE	mm	φ520*1575	φ560*1845	φ700*1590	φ700*1875	φ560*1845	φ700*1590	φ560*1845	φ700*1590	φ700*1875
PACKAGING SIZE	mm	605*605*1600	640*640*1950	790*790*1680	790*790*1950	640*640*1950	790*790*1680	640*640*1950	790*790*1680	790*790*1950
NET WEIGHT	kg	44	61	73	88	60	72	60	72	85
GROSS WEIGHT	kg	48	66	80	94	65	79	65	79	91