



M0 sheet-metal jacket



M1 flexible jacket



+ PRODUCT

- Special tank glass lining resistant to high temperatures
- Compact models under 2.20 m for all capacities up to 3,000 L included
- M1 flexible jacket or M0 sheet-metal jacket, 100 mm insulation
- 1" 1/4 drain at the bottom

12 models from 500 to 3,000 L

Supplies

- Steel tank with diamond-quality enamel
- M1 flexible jacket (supplied unassembled) or M0 sheet-metal jacket (supplied assembled, except 3,000 L models), 100 mm insulation
- Insulated bottom
- 1 to 3 magnesium anodes (delivered unmounted)
- 1" 1/4 drain at the bottom on removable Ø 112 mm flange
- 3 × 1/2" opening connections
- Thermometer tapping
- Ø 112 mm flange or Ø 400 mm manhole with insulation
- Spacers for drain connection (except 500 L)
- 2 lifting lugs
- **Operating pressure: 8 bar**

Options & accessories

- Flexible TOP NC jacket: please contact us
- Steatite heating elements: please contact us
- Additional equipment: recirculation loop heater
- Other options: see Corflex range (see pages 14 to 19)
- Sheathed immersion heater kit, 5 to 30 kW, supplied with safety and control aquastats (factory-set at 65 °C, adjustable from 18 to 90 °C)

Steatite versions on request

MODELS	USABLE CAPACITY (L)	TANK Ø WITHOUT INSULATION (mm)	TANK Ø WITH INSULATION (mm)	HEIGHT WITH SPACERS (mm)	HEIGHT WITHOUT SPACERS (mm)
WITH FLANGE					
Corhydro 500 •	517	650	850	–	1950
Corhydro 750 •	768	790	990	1985	1935
Corhydro 900 •	904	790	990	2265	2215
Corhydro 1000	1022	790	990	2510	2460
Corhydro 1000 TB •	1020	1000	1200	1740	1690
Corhydro 1500 •	1425	1000	1200	2265	2215
Corhydro 1500 TB •	1552	1250	1450	1745	1695
Corhydro 2000 •	2077	1250	1450	2180	2130
Corhydro 2500	2512	1250	1450	2540	2490
Corhydro 2500 TB	2521	1500	1700	1956	1906
Corhydro 3000	3025	1250	1450	2965	2915
Corhydro 3000 TB	2904	1500	1700	2176	2126
WITH MANHOLE					
Corhydro 750 •	768	790	990	1985	1935
Corhydro 900 •	904	790	990	2265	2215
Corhydro 1000	1022	790	990	2510	2460
Corhydro 1000 TB •	1020	1000	1200	1740	1690
Corhydro 1500 •	1425	1000	1200	2265	2215
Corhydro 1500 TB •	1552	1250	1450	1745	1695
Corhydro 2000 •	2077	1250	1450	2180	2130
Corhydro 2500	2512	1250	1450	2540	2490
Corhydro 2500 TB	2521	1500	1700	1956	1906
Corhydro 3000	3025	1250	1450	2965	2915
Corhydro 3000 TB	2904	1500	1700	2176	2126

TB: Compact models.

• : Optional tail-lift ground delivery.

ELECTRIC HEATER KITS

In the "Recommended pairings" column, you will find the suggested storage capacity and heating power combinations.

MODELS	RECOMMENDED PAIRINGS	VOLTAGE
Opening only, without kit, for later installation of a heating element	750 to 3000 L	-
Sheathed immersion heater kit, 5 kW	500 L	230/400 V 3~
Sheathed immersion heater kit, 10 kW	750 to 1000 L	230/400 V 3~
Sheathed immersion heater kit, 15 kW	750 to 1500 L	230/400 V 3~
Sheathed immersion heater kit, 25 kW	1500 to 3000 L	230/400 V 3~
Sheathed immersion heater kit, 30 kW	1500 to 3000 L	400 V 3~

***A heating element kit designed for installation via a manhole must be ordered together with a tank.**

For subsequent installation of a heating element on a Corhydro TH, order a TH + BR plate, reference 030 340 (please contact us).

A contactor relay and a safety group are required (not supplied).

HEATED VOLUME* (with angled immersion heater) (L)	CORHYDRO MODELS											
ELECTRIC KIT INSTALLED ON	500	750	900	1000	1000 TB	1500	1500 TB	2000	2500	2500 TB	3000	3000 TB
Flange	484	716	851	970	889	1295	1292	1817	2252	2069	2765	2452
Manhole	-	557	692	810	728	1134	1041	1566	2001	1708	2514	2090



Note : It is possible to obtain a larger heated volume* when using a tank equipped with a manhole, thanks to the Corflex range.
See pages 14 to 19 and select Solution 2: bottom flange kit + selected electric heating element + manhole.

*Actual volume of water available above the lowest point of the heating element.

STEATITE VERSIONS: see the Corflex range (pages 14–19) or contact us for a custom configuration.

TECHNICAL CHARACTERISTICS AND PERFORMANCES

GENERAL CHARACTERISTICS		CORHYDRO MODELS											
		500	750	900	1000	1000 TB	1500	1500 TB	2000	2500	2500 TB	3000	3000 TB
Usable capacity (L)		517	768	904	1022	1020	1425	1552	2077	2512	2521	3025	2904
Clearance width (mm)	Flange	680	795	795	795	1015	1015	1265	1265	1265	1515	1265	1515
	Manhole	-	880	880	880	1055	1055	1270	1270	1270	1510	1270	1510
Tilting dimension ⁽¹⁾ (mm)		1980	1960	2240	2480	1730	2270	1720	2180	2530	1970	2950	2180
Min. room height of installation area (mm)		2150	2185	2465	2710	1940	2465	1945	2380	2740	2156	3165	2376
Minimum height for anode installation (mm) with spacers		2350	2535	2965	3210	2440	3165	2645	2680	3090	2506	3465	2576
Empty tank weight (kg)	Flange	82	122	142	155	185	234	290	360	415	470	478	515
	Manhole	-	152	172	185	215	264	320	390	445	500	508	545
Heat loss ⁽²⁾ Ua (W/K)	M1 flexible jacket	1.472	1.852	2.139	2.250	2.306	2.685	2.991	3.389	3.815	4.120	4.324	4.444
	M0 sheet-metal jacket	1.311	1.646	1.899	1.997	2.046	2.381	2.651	3.003	3.379	3.648	3.828	3.935

(1) Spacers not mounted. (2) Storage at 65°C - Room temperature at 20°C. Values according to RT2020. Add 0.176 W/K for manhole models.

DIMENSIONAL SPECIFICATIONS (in mm)

VALUES		CALLOUT	CORHYDRO MODELS											
			500	750	900	1000	1000 TB	1500	1500 TB	2000	2500	2500 TB	3000	3000 TB
Tank diameter		Ø	650	790	790	790	1000	1000	1250	1250	1250	1500	1250	1500
Overall height with spacers		H	-	1985	2265	2510	1740	2265	1745	2180	2540	1956	2965	2176
Overall height without spacers		HT	1950	1935	2215	2460	1690	2215	1695	2130	2490	1906	2915	2126
Top connection		B	970	937	1078	1200	815	1077	818	1036	1216	923	1428	1033
Recirculation loop return		E	812	778	890	988	683	893	690	864	1007	778	1179	866
Opening height	Manhole	C2	-	780	780	780	733	733	799	799	799	866	799	866
	Flange	C1	470	450	450	450	525	525	591	591	591	658	591	658
Cold water inlet		D	250	200	200	200	320	320	320	320	320	320	320	320
Bottom connection		A	250	200	200	200	320	320	320	320	320	320	320	320
Height under drain		F	110											
Spacer height		R	-											
Temperature sensor tapping		1												
Thermometer tapping		2												
Heat exchanger connection		3												
Cold water (CW) / Hot water (HW) / Recirculation return (RR)		4												
Drain		5												

Corhydro

