THEORETICAL PERFORMANCES
EH-POWERBELT: THE ELECTRIC HEATING BELTS

	LITERS	CIRCLE.		HEIGHT	DIAMETER
CALCULATION OF THE LITERS	**5.024**	**502,4**	**CM**	**250**	**160**

CALCULATION OF TEMPERATURE INCREASE*	
TANK LITERS	5.000
°C DEGREES INCREASE	5
WATT / BELT	270
REQUIRED NUMBER OF BELTS	4
HEAT LOSS COEFFICIENT	1,3
CONSUMPTION AND COST FOR TEMPERATURE INCREASE	
CONSUMPTION TO REACH TEMPERATURE KWH	**38,0**
TOTAL HOURS REQUIRED TO REACH TEMPERATURE	**35**
TOTAL DAYS REQUIRED TO REACH TEMPERATURE	**1,5**

CALCULATION FOR TEMPERATURE MAINTAINING*	
TANK LITERS	5.000
°C DEGREES INCREASE	1
WATT / BELT	270
REQUIRED NUMBER OF BELTS	2
HEAT LOSS COEFFICIENT	1,3
CONSUMPTION FOR DAILY TEMPERATURE MAINTENANCE	
TOTAL KWH	**7,6**
TOTAL HOURS OF OPERATION	**14**

***** These data are theoretical values because, depending on the environment of use, temperature and climatic conditions, the type of cistern, the wall thickness and the nature of content, differences can be detected, which may bring improvements or in certain cases worsening.

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