



PRODUCT TECHNICAL SPECIFICATION
MASTER VITRO – **MV5000HLB**

FCP_200_03_EN



DESCRIPTION:

Tank for domestic hot water (DHW) **STORAGE-PRODUCTION**.
For vertical installation on floor. Manufactured in **VITREOUS ENAMELLED STEEL** according to the DIN4753 standard, with mould-injected rigid **PU THERMAL INSULATION**. As option, external PVC lining, to be supplied separately. Tank includes a set of **HIGH PERFORMANCE** detachable stainless steel coils for DHW production, by using an external energy source, with increased heat exchange surface, specifically designed and adapted for low temperature systems, like heat pumps. Cathodic protection with Magnesium anodes. As option: permanent cathodic protection system “**Lapesa Correx-Up**”. Equipped with DN400 side manhole for inspection / cleaning tasks.

MAIN CHARACTERISTICS			
Total capacity:	Total	5000	L
Maximum working pressure:	Primary / Secondary	25 / 8	bar
Maximum working temperature:	Primary / Secondary	200 / 90	°C
Exchange surface:	Set of COILS	17.45	m²
Connections:	kv: primary inlet	2	" M
	kr: primary outlet	2	" M
	ww: DHW outlet	3	" M
	kw: cold water inlet	3	" M
	z: recirculation	2	" M
	e: drain	1 ½	" M
	R: side connection for electric element	3	" M
	pc: "lapesa correx-up" connection	1 ½	" M
	tm: sensor connection	¾	" M
Energy efficiency:	ErP Class	C	
	Static heat losses acc. to EN12897	266	W
External dimensions:	D: Diameter	1910	mm
	H: Height (without connections)	2710	mm
	Diagonal (without connections)	3316	mm
Packaging dimensions:	Width / Height	1910 x 2800	mm
Weight:	Without packaging / With packaging	1155 / 1155.5	kg