

DHW TANKS | GEISER INOX CORAL VITRO MASTER EUROPA

PUR HEAT INSULATION “maximum storage capacity”

- **OPTIMISED THERMAL INSULATION**

All our series of DHW storage tanks up to 5000 litres capacity include mould-injected rigid polyurethane foam insulation as a standard feature. The end product forms a compact, homogenous block with the storage tank, minimising heat losses. Direct mould injection is carried out to obtain an insulating material with an optimum density of 45 kg/m³. (Detachable insulation systems may lose up to 20% of their insulating capacity through the joints and attachment systems between parts).

- **MINIMUM HEAT LOSSES**

The product used is two-component rigid polyurethane foam with a heat transmission coefficient of 0.02 W/m °K. This means that loss is half that of other insulation systems on the market such as, for example, soft polyurethane foam (0.04 W/m °K). All of our products amply exceed DIN 4708/03 requirements in relation to heat loss.

- **MAXIMUM STORAGE CAPACITY**

All our series of storage tanks “GEISER INOX”, “CORAL VITRO” and “MASTER”, are designed with overdimensioned thermal insulation thicknesses to endow them with maximum storage capacity which makes them extraordinarily efficient in their application for energy saving and renewable energy systems.

- **NO CONDENSATION**

The insulation is mould-injected directly over the external walls of the storage tank without any intermediate chamber or interstices that can cause condensations on the external metal surface as occurs in removable systems. For this reason our insulation system is ideal for both hot and cold water.

- **ENVIRONMENT-FRIENDLY**

The insulating product on all of our products is CFC-free, HCFC-free and complies with all current European environment regulations.

THERMAL INSULATION			"THERMAL INSULATION": "Rigid mould injected polyurethane (PU) foam" k= 0.025 W/m ^o	PU insulation thickness (mm)	Requirements according to DIN 4753/8 standard (Wh/24 h)	Real heat loss (Wh/24 h)	Equivalent minimum insulation thicknesses with other insulating materials (mm)			
DHW Heater Serie	DHW production system	Models					Soft polyurethane foam (*) k= 0,040 W/m °K	Rock wool (*) k= 0,034 - 0,042 W/m °K	Glass fibre (*) k= 0,035 - 0,046 W/m °K	
DOMESTIC SERIES										
GEISER INOX	TANK IN TANK	GX-100-S/D/DEC	PU	40	1785	1405	65	55-70	55-75	
GEISER INOX		GX-130-S/D/DEC	PU	40	2077	1675	65	55-70	55-75	
GEISER INOX		GX-200-S/D/DEC	PU	40	2355	2084	65	55-70	55-75	
GEISER INOX		GX-300-S/D/DEC	PU	40	2581	2029	65	55-70	55-75	
GEISER INOX		GX-400-S/D/DEC	PU	40	2948	2506	65	55-70	55-75	
GEISER INOX		GX-600-S/D/DEC	PU	40	3503	3072	65	55-70	55-75	
GEISER INOX		GX-400-PAC	PU	40	2948	2506	65	55-70	55-75	
GEISER INOX		GX-600-PAC/P	PU	40	3503	3072	65	55-70	55-75	
GEISER INOX		GX-800-P	PU	80	4124	3740	130	110-140	115-160	
GEISER INOX		GX-1000-P	PU	80	4462	4080	130	110-140	115-160	
GEISER INOX		COILS	GX-200-R/M1	PU	60	2581	1420	100	85-105	85-120
GEISER INOX			GX-300-R/M1/M2	PU	60	2948	1597	100	85-105	85-120
GEISER INOX			GX-500-R/M1/M2	PU	60	3503	2720	100	85-105	85-120
GEISER INOX			GX-800-R/M1/M2	PU	80	4124	3740	130	110-140	115-160
GEISER INOX	GX-1000-R/M1/M2		PU	80	4462	4080	130	110-140	115-160	
CORAL VITRO		CV-90-M1S	PU	45	2012	1230	75	65-80	65-90	
CORAL VITRO		CV-120-M1S/M1	PU	45	2196	1597	75	65-80	65-90	
CORAL VITRO		CV-160-M1S/M1	PU	55	2403	1944	90	75-95	75-110	
CORAL VITRO		CV-200-M1S/M1/R/HL	PU	50	2581	1674	80	70-85	70-95	
CORAL VITRO		CV-300-M1S/M1/M2/R/HL	PU	50	2948	2282	80	70-85	70-95	
CORAL VITRO		CV-400-M2/HL	PU	50	3503	3050	80	70-85	70-95	
CORAL VITRO		CV-500-M1/M2/R/HL	PU	50	3503	3050	80	70-85	70-95	
CORAL VITRO		CV-600-P/C	PU	50	3503	3050	80	70-85	70-95	
CORAL VITRO		CV-800-M1/M2/R/P/C/HL	PU	80	4124	4013	130	110-140	115-160	
CORAL VITRO		CV-1000-M1/M2/R/P/C/HL	PU	80	4462	4310	130	110-140	115-160	
CORAL VITRO		CV-1500-M1/M2/R/B	PU	80	5160	5140	130	110-140	115-155	
GEISER INERCIA		BUFFER INERTIA	G-80-I	PU	40	1943	1263	65	55-70	55-75
GEISER INERCIA			G-140-I	PU	40	2304	1511	65	55-70	55-75
GEISER INERCIA	G-200-I		PU	40	2581	1878	65	55-70	55-75	
GEISER INERCIA	G-260-I		PU	40	2811	1834	65	55-70	55-75	
GEISER INERCIA	G-370-I		PU	40	3162	2256	65	55-70	55-75	
GEISER INERCIA	G-600-I		PU	40	3730	2767	65	55-70	55-75	
GEISER INERCIA	G-800-I		PU	80	4124	3344	130	110-140	115-160	
GEISER INERCIA	G-1000-I		PU	80	4462	3590	130	110-140	115-160	
GEISER INERCIA	G-1500-IF I/S		PU	80	5160	5140	130	110-140	115-160	
INDUSTRIAL SERIES										
MASTER INOX	BUFFER/COILS	MXV-1500-RB/SB/SSB	PU	80	5160	5140	130	110-140	115-155	
MASTER INOX		MXV-2000-RB/SB/SSB	PU	80	5728	5625	130	110-140	115-155	
MASTER INOX		MXV-2500-RB/SB/SSB	PU	80	6216	5950	130	110-140	115-155	
MASTER INOX		MXV-3000-RB/SB/SSB	PU	80	6649	6210	130	110-140	115-155	
MASTER INOX		MXV-3500-RB/SB/SSB	PU	80	7040	6490	130	110-140	115-155	
MASTER INOX		MXV-4000-RB/SB/SSB	PU	80	7399	6598	130	110-140	115-155	
MASTER INOX		MXV-5000-RB/SB/SSB	PU	80	8043	7060	130	110-140	115-155	
MASTER VITRO	BUFFER	MVV-1500-RB/SB/SSB	PU	80	5160	5140	130	110-140	115-155	
MASTER VITRO		MVV-2000-RB/SB/SSB	PU	80	5728	5625	130	110-140	115-155	
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INOX= STAINLES STEEL