

**RM-EVS/R-GL (Glass Lined-Standard) Large Volume
RM-EVS/R-SS (Stainless Steel-Optional) Series are
available in 200 to 2500-gallon storage capacities, 75 to 800KW**

Vertical round & square model

Standard features

- Standard glass lined tank
- Incoloy 825 heating elements
- Electrostatic powder paint coated galvanized steel outer jacket
- Immersed type regulating thermostat
- Manual reset high limit thermostat
- Electrical control cabinet with full length hinged doors with key lock
- Magnetic Contactors
- Factory installed ASME temperature and pressure relief valve
- 180° F (82° C) temperature operation
- 125 PSI (8.6 bar) working pressure
- Heater steps on/off switches with pilot lamps
- Factory installed temperature gauge
- Factory installed pressure gauge
- Magnesium Anode rods to ensure long life and corrosion resistance
- Electrostatic powder paint coated galvanized steel control cabinet with special polyurethane gasket
- Special wrench for heating elements is provided
- Factory installed full-flow, brass drain valve for faster draining
- Hand-hole sediment cleanout (500 Liter and Larger models)

Warranty

- 3-year limited tank warranty
- 1-year limited parts warranty

Optional features

- Stainless steel tank (AISI 304L quality)
- AISI316L quality stainless steel tank material
- Hot dipped galvanized steel tank material (only on 4000-liter or greater capacities)
- Low water cut-off
- Lifting lugs
- Safety door interlock
- Man Way DN400 for 250-gallon (945-liter) and larger models
- Stainless steel (AISI 304 or 316) outer jacket
- Stainless steel (AISI 304 or 316) control cabinet
- 150 PSI (10.34 bar) working pressure
- Proportional Solid State Controller
- Factory installed full-flow, brass drain valve for faster draining
- Electronic Multi Stage Controller with LCD Display
- Water Pressure reducing valve
- 24 Hrs. or 7 Days Clock
- Audible Alarm and Silencer
- Hard wire multiple points available for VBMS Connection
- All models are equipped with UL listed terminal blocks for simplicity of installation

Safety and Construction

- These products are design certified by Underwriters Laboratories (UL) to meet UL standard 1453
- ASME construction in accordance with the requirements of ASME Boiler and Pressure Vessel Code Section IV Part HLW
- For SASO-IEC Compliance please get in touch with Distribution.
- UL & ASME construction are optional features.

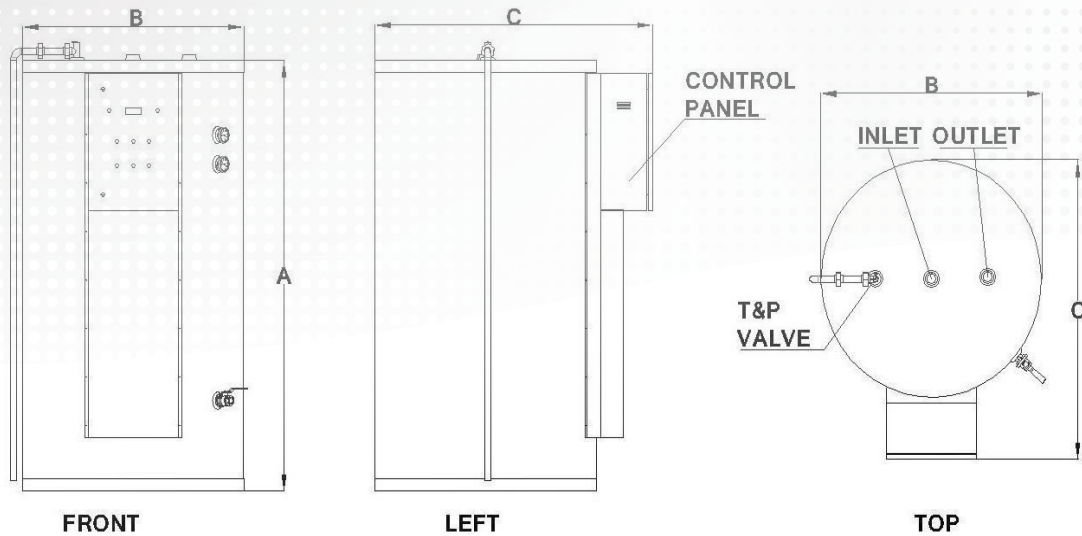


Richmond EVS/R-GL series

200-Gallon to 2500-Gallon
Capacities
ASME Construction Option
3-Year Limited Warranty



For SASO-IEC Compliance please get in touch with Distribution.



Vertical Round Models

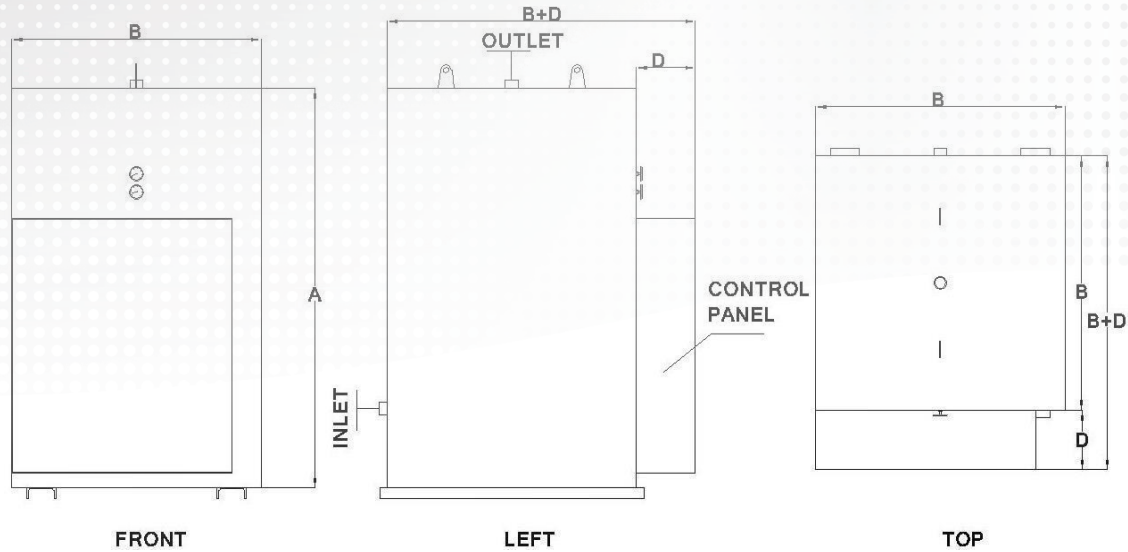
Model Number	Gallons	KW Range	KW Stages	A(MM)	B(MM)	C MAX" (MM)	WATER CONNECTION	
RM-EVR-GL-200	200	75-135	(5 X 15) - (3 X 45)	1980	830	1220	1-1/4"	1-1/4"
RM-EVR-GL-250	250	75-135	(5 X 15) - (3 X 45)	1885	980	1370	1-1/4"	1-1/4"
RM-EVR-GL-300	300	75-150	(5 X 15) - (1 X 60 + 2 X 45)	2188	980	1370	1-1/4"	1-1/4"
RM-EVR-GL-400	400	75-195	(5 X 15) - (1 X 60 + 3 X 45)	2036	1200	1590	1-1/2"	1-1/2"
RM-EVR-GL-500	500	75-195	(5 X 15) - (1 X 60 + 3 X 45)	2145	1300	1690	1-1/2"	1-1/2"
RM-EVR-GL-600	600	75-225	(5 X 15) - (5 X 45)	2485	1300	1690	1-1/2"	1-1/2"
RM-EVR-GL-700	700	75-225	(5 X 15) - (5 X 45)	2549	1300	1600	2"	2"
RM-EVR-GL-800	800	75-225	(5 X 15) - (5 X 45)	2629	1450	1900	2"	2"
RM-EVR-GL-1000	1000	75-360	(5 X 15) - (6 X 60)	2248	1800	2250	2-1/2"	2-1/2"
RM-EVR-GL-1200	1200	75-450	(5 X 15) - (5 X 90)	2588	1800	2250	2-1/2"	2-1/2"

- Control panel dimensions differ according to KW rating. Dimension C is given as per max. KW

Vertical round models:

RM-EVR-xx-yyyy-zzz

- where,
- xx stands for GL (Glass Lined) standard or SS (Stainless Steel) optional
- yyyy ranges from 200 gallon to 1200 gallon
- zzz ranges from 75 kW to 450 kW



Vertical Square Models

Model Number	Gallons	KW Range	KW Stages	A(MM)	B(MM)	B+D MAX" (MM)	WATER CONNECTION	
RM-EVS-GL-1000	1000	75-360	(5 X 15) - (6 X 60)	2749	1700	2150	2-1/2"	2-1/2"
RM-EVS-GL-1200	1200	75-450	(5 X 15) - (5 X 90)	2646	1900	2350	2-1/2"	2-1/2"
RM-EVS-GL-1300	1300	75-450	(5 X 15) - (5 X 90)	2815	1900	2350	2-1/2"	2-1/2"
RM-EVS-GL-1400	1400	75-450	(5 X 15) - (5 X 90)	2985	1900	2350	2-1/2"	2-1/2"
RM-EVS-GL-1500	1500	75-450	(5 X 15) - (5 X 90)	3164	1900	2350	3"	3"
RM-EVS-GL-1600	1600	75-450	(5 X 15) - (5 X 90)	2785	2100	2550	3"	3"
RM-EVS-GL-1800	1800	75-540	(5 X 15) - (6 X 90)	3106	2100	2550	3"	3"
RM-EVS-GL-2000	2000	75-540	(5 X 15) - (6 X 90)	3288	2100	2550	3"	3"
RM-EVS-GL-2250	2250	75-615	(5 X 15) - (6 X 90 + 1 X 75)	3719	2100	2550	4"	4"
RM-EVS-GL-2500	2500	75-795	(5 X 15) - (4 X 165 + 1 X 135)	4059	2100	2550	4"	4"

- Control panel dimensions differ according to KW rating. Dimension B+D is given as per max. KW

Vertical Square models:

RM-EVS-xx-yyyy-zzz

- where,
- xx stands for GL (Glass Lined) standard or SS(Stainless Steel) optional
- yyyy ranges from 1000 gallon to 2500 gallon
- zzz ranges from 360 kW to 800 kW