

# CHAPTER 4

DRY-COOLERS AND HYDRONIC MODULES

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# RCW 6121÷9282

DRY-COOLERS WITH AXIAL FANS.



The Dry-Coolers with axial fans of the RCW series are designed to be combined with watercooled liquid Chillers (CWW).

These units, available in three configurations depending on the level of noiselessness required: Standard, Silenced (SL) and Super silenced (SSL), are equipped with latest generation axial fans, with motor fan shrouds having a large radius of curvature to eliminate all the air flow turbulence and with larger plenum to uniform the air distribution on the cooling coil.

The units, except the V shaped ones, can be installed with either horizontal or vertical air delivery, as needed.

## VERSION

**RCW**

Base unit

## FEATURES

- Frame in pre-painted galvanised steel casework.
- The cowlings of the motorfans are made with a wide bending radius to eliminate any turbulence in the air flow.
- Heat exchanger with fins cut and special louver configuration to give the best external coefficient of heat exchange and threaded water connections.

## COMBINATIONS

CWW/K-CWW/G	182-P	202-P	242-P	262-P	302-P	363-P	393-P	453-P	524-P	604-P	CWW/H/A	4602	4802	5402	6002						
RCW	6121	8111	6132	6134	8121	8122	6141	8131	8132	6151	RCW	9282	2x8262	2x9261	2x9262						
CWW/K-CWW/G	182	202	242	262	302	363	393	453	524	604	CWW/Y/A-CWW/J/A	1302	1502	1702	1902	2002	2602	2802	3002	3602	4202
RCW	6121	8111	6132	6134	8121	8122	6141	8131	8132	6151	RCW	8152	8241	8241	8242	8243	8261	9261	9261	9271	9282
CWW/K-CWW/G	726-P	786-P	826-P	906-P	1048-P	1128-P	1208-P	13010-P	15010-P	16812-P	CWW/Y/A-CWW/J/A	4802									
RCW	8141	8141	8152	8152	8241	8241	8242	8243	8243	8252	RCW	2x8262									
CWW/K-CWW/G	18012-P	21012-P	24012-P	27012-P	30012-P	33012-P	36012-P				CWW/Y-CWW/J	1302-B	1502-B	1702-B	1902-B	2002-B	2602-B	2802-B	3002-B	3602-B	4202-B
RCW	8261	9261	9261	9271	9282	9282	2x8262				RCW	8151	8231	8241	8242	8243	8252	8261	9261	9271	9282
CWW/K-CWW/G	726	786	826	906	1048	1128	1208	13010	15010	16812	CWW/Y-CWW/J	4402-B	4802-B	5402-B	6002-B	6603-B	7203-B	8103-B	9003-B		
RCW	8141	8141	8152	8152	8241	8241	8242	8243	8243	8252	RCW	9282	2x8262	2x9261	2x9262	2x9271	2x9281	3x8262	3x9261		
CWW/K-CWW/G	18012	21012	24012	27012	30012	33012	36012				CWW/TTH/DR	1701-1	2202-1	3303-1	4404-1	5505-1	6606-1				
RCW	8261	9261	9261	9271	9282	9282	2x8262				RCW	8242	9271	9282	2x8262	2x9271	2x9282				
CWW/H/A	1002	1202	1402	1602	1802	2202	2502	2802	3302	3602	CWW/TTY/DR - CWW/TTJ/DR	1601-1	2001-1	3002-1	4002-1	4203-1	5103-1	6204-1			
RCW	8141	8231	8241	8242	8243	8252	8261	9261	9271	9282	RCW	8242	8252	9271	9282	9282	2x8262	2x9282			

## ACCESSORIES

### FACTORY FITTED ACCESSORIES

- SD Wiring integrated in branch circuit box
- FR Fan speed control

### LOOSE ACCESSORIES

- SVV Supports for vertical air flow versions

# RCW 6121÷9282

MODEL			6121	6131	6132	6133	6134	6141	6151	8111	8121	8122	8131	8132	8141	8151	8152
Fan	Air flow	m³/s	4.67	7.32	7.01	6.56	12.31	15.44	17.86	5.18	10.83	10.37	16.25	15.55	20.73	27.08	25.92
	Quantity	n°	2	3	3	3	3	4	5	1	2	2	3	3	4	5	5
Connections	In	∅ mm	42	42	54	54	54	54	80	42	70	70	80	102	102	70	70
	Out	∅ mm	42	42	54	54	54	54	80	42	70	70	80	102	102	70	70
Electrical characteristics	Power supply	V/Ph/Hz	400/3/50														
	Absorbed power	kW	1.32	1.98	1.98	1.98	4.95	6.60	8.25	2.00	4.00	4.00	6.00	6.00	8.00	10.00	10.00
	Absorbed current	A	2.6	3.9	3.9	3.9	9.3	12.4	15.5	4.0	8.0	8.0	12.0	12.0	16.0	20.0	20.0
Sound pressure	STD version (1)	dB(A)	49	51	51	51	57	58	59	49	52	52	53	53	54	55	55
Weights	Transport weight	Kg	145	191	205	245	239	337	516	182	308	326	470	497	646	684	724
	Operating weight	Kg	160	211	225	265	259	367	566	197	333	351	520	547	706	754	794

MODEL			8231	8232	8241	8242	8243	8251	8252	8261	8262	9261	9262	9271	9281	9282
Fan	Air flow	m³/s	31.96	30.45	44.80	42.62	40.60	53.28	50.75	63.93	65.33	68.50	65.33	76.22	91.33	87.11
	Quantity	n°	6	6	8	8	8	10	10	12	12	12	12	14	16	16
Connections	In	∅ mm	102	2x102	102	102	2x102	2x102	3x102	3x102	3x102	4x80	4x80	6x102	4x102	6x102
	Out	∅ mm	102	2x102	102	102	2x102	2x102	3x102	3x102	3x102	4x80	4x80	6x102	4x102	6x102
Electrical characteristics	Power supply	V/Ph/Hz	400/3/50													
	Absorbed power	kW	12.00	12.00	16.00	16.00	16.00	20.00	20.00	24.00	24.00	24.00	24.00	28.00	32.00	32.00
	Absorbed current	A	24.0	24.0	32.0	32.0	32.0	40.0	40.0	48.0	48.0	48.0	48.0	56.0	64.0	64.0
Sound pressure	STD version (1)	dB(A)	56	56	57	57	57	58	58	58	59	59	59	59	60	60
Weights	Transport weight	Kg	860	910	994	1204	1274	1548	1638	1892	3390	3060	3390	3890	3960	4380
	Operating weight	Kg	950	1000	1094	1304	1374	1658	1748	2032	3530	3360	3690	4240	4360	4780

DIMENSIONS			6121	6131	6132	6133	6134	6141	6151	8111	8121	8122	8131	8132	8141	8151	8152
L	STD	mm	2425	3525	3525	3525	3525	4625	5725	1803	3278	3278	4753	4753	6228	7703	7703
W	STD	mm	630	630	630	630	630	630	630	795	795	795	795	795	795	795	795
H	STD	mm	1098	1098	1098	1098	1098	1098	1098	1272	1272	1272	1272	1272	1272	1272	1272

DIMENSIONS			8231	8232	8241	8242	8243	8251	8252	8261	8262	9261	9262	9271	9281	9282
L	STD	mm	4783	4783	6258	6258	6258	7733	7733	9208	9208	6920	6920	8020	9120	9120
W	STD	mm	878	878	878	878	878	878	878	878	878	2350	2350	2350	2350	2350
H	STD	mm	2322	2322	2322	2322	2322	2322	2322	2322	2322	2450	2450	2450	2450	2450

## CLEARANCE AREA

RCW 6121÷9262

RCW 9271÷9282



## NOTES

1. Sound pressure level measured in free field conditions at 10 m from the unit. According to ISO 3744.
- N.B. Combinations are made at ambient air temperature 35 °C, In-Out water temperature 50/45°C (with ethylene glycol at 35%).
- N.B. Clearance areas are specified on installation, use and maintenance manual.

# RCW/SL 6122÷9281

SILENCED DRY-COOLERS WITH AXIAL FANS.



The Dry-Coolers with axial fans of the RCW/SL series are designed to be combined with watercooled liquid Chillers (CWW).

These units, available in three configurations depending on the level of noiselessness required: Standard, Silenced (SL) and Super silenced (SSL), are equipped with latest generation axial fans, with motor fan shrouds having a large radius of curvature to eliminate all the air flow turbulence and with larger plenum to uniform the air distribution on the cooling coil.

The units, except the V shaped ones, can be installed with either horizontal or vertical air delivery, as needed.

## VERSION

**RCW/SL**

Silenced unit

## FEATURES

- Frame in pre-painted galvanised steel casework.
- The cowlings of the motorfans are made with a wide bending radius to eliminate any turbulence in the air flow.
- Heat exchanger with fins cut and special louver configuration to give the best external coefficient of heat exchange and threaded waver connections.

## COMBINATIONS

CWW/K-CWW/G	182-P	202-P	242-P	262-P	302-P	363-P	393-P	453-P	524-P	604-P	CWW/H/A	4602	4802	5402	6002							
RCW	6122	6131	6141	8121	8131	6151	6152	8132	8142	8142	RCW	2x8261	2x9262	2x9271	2x9272							
CWW/K-CWW/G	182	202	242	262	302	363	393	453	524	604	CWW/Y/A-CWW/J/A	1302	1502	1702	1902	2002	2602	2802	3002	3602	4202	
RCW	6122	6131	6141	8121	8131	6151	6152	8132	8142	8142	RCW	8231	8242	8243	8251	8252	9261	9271	9271	9281	2x8261	
CWW/K-CWW/G	726-P	786-P	826-P	906-P	1048-P	1128-P	1208-P	13010-P	15010-P	16812-P	CWW/Y/A-CWW/J/A	4802										
RCW	8152	8152	8231	8231	8242	8243	8251	8252	8252	8262	RCW	2x9262										
CWW/K-CWW/G	18012-P	21012-P	24012-P	27012-P	30012-P	33012-P	36012-P				CWW/Y-CWW/J	1302-B	1502-B	1702-B	1902-B	2002-B	2602-B	2802-B	3002-B	3602-B	4202-B	
RCW	9261	9271	9271	9281	2x8252	2x8261	2x9262				RCW	8152	8241	8242	8251	8252	8262	9261	9271	9281	2x8252	
CWW/K-CWW/G	726	786	826	906	1048	1128	1208	13010	15010	16812	CWW/Y-CWW/J	4402-B	4802-B	5402-B	6002-B	6603-B	7203-B	8103-B	9003-B			
RCW	8152	8152	8231	8231	8242	8243	8251	8252	8252	8262	RCW	2x8261	2x9262	2x9271	2x9272	2x9281	3x9261	3x9262	3x9271			
CWW/K-CWW/G	18012	21012	24012	27012	30012	33012	36012				CWW/TH/DR	1701-1	2202-1	3303-1	4404-1	5505-1	6606-1					
RCW	9261	9271	9271	9281	2x8252	2x8261	2x9262				RCW	8251	9281	2x8261	2x9262	2x9281	4x8261					
CWW/H/A	1002	1202	1402	1602	1802	2202	2502	2802	3302	3602	CWW/TTY/DR-CWW/TTJ/DR	1601-1	2001-1	3002-1	4002-1	4203-1	5103-1	6204-1				
RCW	8152	8241	8242	8251	8252	8262	9261	9271	9281	2x8252	RCW	8251	8262	9281	2x8261	2x8261	2x9262	4x8261				

## ACCESSORIES

### FACTORY FITTED ACCESSORIES

- SD Wiring integrated in branch circuit box
- FR Fan speed control

### LOOSE ACCESSORIES

- SVV Supports for vertical air flow versions

## RCW/SL 6122÷9281

MODEL			6122	6131	6132	6141	6151	6152	8121	8131	8132	8141	8142	8151	8152
Fan	Air flow	m³/s	4.67	6.01	5.66	8.01	9.04	10.90	8.24	13.10	11.78	16.49	15.71	20.61	19.64
	Quantity	n°	2	3	3	4	5	5	2	3	3	4	4	5	5
Connections	In	∅ mm	42	54	54	54	70	80	54	70	70	80	102	102	102
	Out	∅ mm	42	54	54	54	70	80	54	70	70	80	102	102	102
Electrical characteristics	Power supply	V/Ph/Hz	400/3/50												
	Absorbed power	kW	1.32	1.20	1.20	1.60	2.00	3.30	2.50	3.75	3.75	5.00	5.00	6.25	6.25
	Absorbed current	A	2.6	2.1	2.1	2.8	3.5	6.5	4.6	6.9	6.9	9.2	9.2	11.5	11.5
Sound pressure	SL version (1)	dB(A)	49	44	44	45	46	52	45	47	47	48	48	49	49
Weights	Transport weight	Kg	145	145	145	145	388	448	308	388	497	611	646	684	724
	Operating weight	Kg	160	165	165	175	438	498	333	438	547	671	706	754	794

MODEL			8231	8241	8242	8243	8251	8252	8261	8262	9261	9262	9271	9272	9281
Fan	Air flow	m³/s	21.95	34.90	32.26	29.27	40.32	36.58	48.39	43.90	52.33	49.08	61.06	57.26	65.44
	Quantity	n°	6	8	8	8	10	10	12	12	12	12	14	14	16
Connections	In	∅ mm	2x102	102	102	102	2x102	2x102	3x102	3x102	2x102	2x102	2x102	4x80	4x80
	Out	∅ mm	2x102	102	102	102	2x102	2x102	3x102	3x102	2x102	2x102	2x102	4x80	4x80
Electrical characteristics	Power supply	V/Ph/Hz	400/3/50												
	Absorbed power	kW	7.50	10.00	10.00	10.00	12.50	12.50	15.00	15.00	15.00	15.00	17.50	17.50	20.00
	Absorbed current	A	13.8	18.4	18.4	18.4	23.0	23.0	27.6	27.6	27.6	27.6	32.2	32.2	36.8
Sound pressure	SL version (1)	dB(A)	50	51	51	51	51	51	52	52	52	52	53	53	53
Weights	Transport weight	Kg	910	994	1204	1274	1548	1638	1892	2200	3060	3390	3510	3890	4380
	Operating weight	Kg	1000	1094	1304	1374	1658	1748	2032	2340	3360	3690	3860	4240	4780

DIMENSIONS			6122	6131	6132	6141	6151	6152	8121	8131	8132	8141	8142	8151	8152
L	SL	mm	2425	3525	3525	4625	5725	5725	3278	4753	4753	6228	6228	7703	7703
W	SL	mm	630	630	630	630	630	630	795	795	795	795	795	795	795
H	SL	mm	1098	1098	1098	1098	1098	1098	1272	1272	1272	1272	1272	1272	1272

DIMENSIONS			8231	8241	8242	8243	8251	8252	8261	8262	9261	9262	9271	9272	9281
L	SL	mm	4783	6258	6258	6258	7733	7733	9208	9208	6920	6920	8020	8020	9120
W	SL	mm	878	878	878	878	878	878	878	878	2350	2350	2350	2350	2350
H	SL	mm	2322	2322	2322	2322	2322	2322	2322	2322	2450	2450	2450	2450	2450

### CLEARANCE AREA

RCW/SL 6122÷8262

RCW/SL 9261÷9281



### NOTES

1. Sound pressure level measured in free field conditions at 10 m from the unit. According to ISO 3744.
- N.B. Combinations are made at ambient air temperature 35 °C, In-Out water temperature 50/45°C (with ethylene glycol at 35%).
- N.B. Clearance areas are specified on installation, use and maintenance manual.

# RCW/SSL 6132÷9282

**SUPER SILENCED DRY-COOLERS WITH AXIAL FANS.**



The Dry-Coolers with axial fans of the RCW/SSL series are designed to be combined with watercooled liquid Chillers (CWW).

These units, available in three configurations depending on the level of noiselessness required: Standard, Silenced (SL) and Super silenced (SSL), are equipped with latest generation axial fans, with motor fan shrouds having a large radius of curvature to eliminate all the air flow turbulence and with larger plenum to uniform the air distribution on the cooling coil.

The units, except the V shaped ones, can be installed with either horizontal or vertical air delivery, as needed.

## VERSION

**RCW/SSL**

Super silenced unit

## FEATURES

- Frame in pre-painted galvanised steel casework.
- The cowlings of the motorfans are made with a wide bending radius to eliminate any turbulence in the air flow.
- Heat exchanger with fins cut and special louver configuration to give the best external coefficient of heat exchange and threaded waver connections.

## COMBINATIONS

CWW/K-CWW/G	182-P	202-P	242-P	262-P	302-P	363-P	393-P	453-P	524-P	604-P
RCW	6132	6141	6151	8131	8132	8141	8151	8152	8231	8241
CWW/K-CWW/G	182	202	242	262	302	363	393	453	524	604
RCW	6132	6141	6151	8131	8132	8141	8151	8152	8231	8241
CWW/K-CWW/G	726-P	786-P	826-P	906-P	1048-P	1128-P	1208-P	13010-P	15010-P	16812-P
RCW	8242	8242	8252	8252	8262	8262	8264	9271	9271	9282
CWW/K-CWW/G	18012-P	21012-P	24012-P	27012-P	30012-P	33012-P	36012-P			
RCW	2x8261	2x8262	2x8263	2x9261	2x9282	2x9282	3x8264			
CWW/K-CWW/G	726	786	826	906	1048	1128	1208	13010	15010	16812
RCW	8242	8242	8252	8252	8262	8262	8264	9271	9271	9282
CWW/K-CWW/G	18012	21012	24012	27012	30012	33012	36012			
RCW	2x8261	2x8262	2x8263	2x9261	2x9282	2x9282	3x8264			
CWW/H/A	1002	1202	1402	1602	1802	2202	2502	2802	3302	3602
RCW	8242	8253	8262	8264	9271	9282	2x8261	2x8262	2x9261	2x9282

CWW/H/A	4602	4802	5402	6002						
RCW	2x9282	3x8264	2x9271	2x9282						
CWW/Y/A-CWW/J/A	1302	1502	1702	1902	2002	2602	2802	3002	3602	4202
RCW	8252	8262	8262	8264	9271	2x8261	2x8262	2x8263	2x9261	2x9282
CWW/Y/A-CWW/J/A	4802									
RCW	3x8264									
CWW/Y-CWW/J	1302-B	1502-B	1702-B	1902-B	2002-B	2602-B	2802-B	3002-B	3602-B	4202-B
RCW	8251	8253	8262	8264	9271	9282	2x8261	2x8262	2x9261	2x9282
CWW/Y-CWW/J	4402-B	4802-B	5402-B	6002-B	6603-B	7203-B	8103-B	9003-B		
RCW	2x9282	3x8264	2x9271	2x9282	3x9282	4x9261	4x9271	4x9282		
CWW/ITH/DR	1701-1	2202-1	3303-1	4404-1	5505-1	6606-1				
RCW	8264	2x9261	2x9282	3x8264	4x8264	4x9282				
CWW/TTY/DR - CWW/TTJ/DR	1601-1	2001-1	3002-1	4002-1	4203-1	5103-1	6204-1			
RCW	8264	9282	2x9261	2x9282	2x9282	3x8264	4x9282			

## ACCESSORIES

### FACTORY FITTED ACCESSORIES

- SD Wiring integrated in branch circuit box
- FR Fan speed control

### LOOSE ACCESSORIES

- SVV Supports for vertical air flow versions

## RCW/SSL 6132÷9282

MODEL			6132	6141	6142	6151	6152	8131	8132	8141	8151	8152	8231	8241
Fan	Air flow	m³/s	3.83	5.51	5.11	6.88	6.38	7.80	7.64	9.87	13.11	12.33	15.58	20.78
	Quantity	n°	3	4	4	5	5	3	3	4	5	5	6	8
Connections	In	∅ mm	54	54	54	70	70	70	70	80	80	80	102	102
	Out	∅ mm	54	54	54	70	70	70	70	80	80	80	102	102
Electrical characteristics	Power supply	V/Ph/Hz	400/3/50											
	Absorbed power	kW	0.57	0.76	0.76	0.95	0.95	1.41	1.41	1.48	1.85	1.85	2.22	2.96
	Absorbed current	A	1.1	1.5	1.5	1.9	1.9	3.0	3.0	4.8	6.0	6.0	7.2	9.6
Sound pressure	SSL version (1)	dB(A)	35	36	36	37	37	38	38	38	38	38	39	40
Weights	Transport weight	Kg	191	256	273	332	363	470	497	611	562	684	710	994
	Operating weight	Kg	211	286	303	382	413	520	547	671	632	754	800	1094

MODEL			8242	8251	8252	8253	8261	8262	8263	8264	9261	9271	9281	9282
Fan	Air flow	m³/s	19.53	25.97	24.40	24.40	31.17	29.29	30.56	27.35	31.50	36.75	39.66	36.77
	Quantity	n°	8	10	10	10	12	12	12	12	12	14	16	16
Connections	In	∅ mm	102	102	2x102	102	102	2x102	3x102	2x102	2x102	2x102	2x102	4x80
	Out	∅ mm	102	102	2x102	102	102	2x102	3x102	2x102	2x102	2x102	2x102	4x80
Electrical characteristics	Power supply	V/Ph/Hz	400/3/50											
	Absorbed power	kW	2.96	3.70	3.70	3.70	4.40	4.40	5.64	5.64	4.44	5.18	7.52	7.52
	Absorbed current	A	9.6	12.0	12.0	12.0	14.4	14.4	12.0	12.0	14.4	16.8	16.0	16.0
Sound pressure	SSL version (1)	dB(A)	40	41	41	41	42	42	43	43	42	42	44	44
Weights	Transport weight	Kg	1204	1278	1548	1548	1562	1892	1892	2200	3060	3510	3960	4380
	Operating weight	Kg	1304	1388	1658	1658	1702	2032	2032	2340	3360	3860	4360	4780

DIMENSIONS			6132	6141	6142	6151	6152	8131	8132	8141	8151	8152	8231	8241
L	SSL	mm	3525	4625	4625	5725	5725	4753	4753	6228	7703	7703	4783	6258
W	SSL	mm	630	630	630	630	630	795	795	795	795	795	878	878
H	SSL	mm	1098	1098	1098	1098	1098	1272	1272	1272	1272	1272	2322	2322

DIMENSIONS			8242	8251	8252	8253	8261	8262	8263	8264	9261	9271	9281	9282
L	SSL	mm	6258	7733	7733	7733	9208	9208	9208	9208	6920	8020	9120	9120
W	SSL	mm	878	878	878	878	878	878	878	878	2350	2350	2350	2350
H	SSL	mm	2322	2322	2322	2322	2322	2322	2322	2322	2450	2450	2450	2450

### CLEARANCE AREA

RCW/SSL 6132-8264

RCW/SSL 9261-9282



### NOTES

1. Sound pressure level measured in free field conditions at 10 m from the unit. According to ISO 3744.
- N.B. Combinations are made at ambient air temperature 35 °C, In-Out water temperature 50/45°C (with ethylene glycol at 35%).
- N.B. Clearance areas are specified on installation, use and maintenance manual.

# MR 50÷80

REMOTE HYDRONIC MODULES.



The Remote Hydronic Modules of the MR 50÷80 series are intended to solve technical problems resulting from thermal inertia in air conditioning systems for both residential and industrial use. Installing a tank for cooled water allows units to reduce the operating cycles of the compressors, thus extending the useful life of the machines. It also results in a greater capacity of the system itself, a remarkable operational saving and a greater flexibility, being able to work with temperatures other than the design temperatures.

## VERSION

### MR 50

50 lt. tank

### MR 80

80 lt. tank

## FEATURES

- Self-supporting frame in peraluman. Easy to remove front panel allows access to the inside of the unit for maintenance and other necessary operations.
- Water circuit includes: insulated inertial tank, safety valve, automatic air release valves, expansion vessel inserted in the storage tank, gauge, air vent valve, plant charge and water drain.



## MR 50÷80

MODEL			50	80
Water circuit	Tank water volume	lt.	50	80
	Expansion vessel	lt.	3	3
	Safety valve	bar	3	3
	Water connections	"G	1"	1"
Weights	Transport weight	Kg	28	36
	Operating weight	Kg	78	116

1

2

3

4

5

6

7

DIMENSIONS			50	80
L	STD	mm	240	340
W	STD	mm	320	500
H	STD	mm	1100	1270

### CLEARANCE AREA

MR 50-80

600 | 600 | 600 | 800



Electrical board side

# MR 1500÷2500

REMOTE HYDRONIC MODULES WITH PUMP KIT.



The Remote Hydronic Modules with pump kit of the MR 1500÷2500 series are designed to solve technical problems resulting from thermal inertia in air conditioning systems for both residential and industrial use.

Installing a tank for cooled water allows units to reduce the operating cycles of the compressors, thus extending the useful life of the machines. It also results in a greater capacity of the system itself, a remarkable operational saving and a greater flexibility, being able to work with temperatures other than the design temperatures. The tanks are available with a capacity of 1500 and 2500 litres, with circulating pump or double circulating pump accessory and are complete with all the components necessary for a quick on-site installation.

## VERSION

### MR 1500

With 1500 lt. tank

### MR 2500

With 2500 lt. tank

## FEATURES

- Self-supporting galvanized steel frame further protected with polyester powder painting. Easy to remove panels allow access to the inside of the unit for maintenance and other necessary operations.
- Electrical board. Present only with the accessories circulating pump, it includes main switch with door safety interlock; automatic switches for protection of circulating pumps, of secondary circuit and of antifreeze heaters, signalling lamps, interface relay and clamps for external connections.
- Water circuit includes: insulated inertial tank, safety valve, automatic air release valves, expansion vessel, gauge, automatic filling group, plant charge and discharge water shut-off valve.

## ACCESSORIES

### FACTORY FITTED ACCESSORIES

PU1-PU5 Single circulating pump

PD1-PD5 Double circulating pump

FA Antifreeze heater for tank

FUM Antifreeze heater for tank, single pump and pipes

FDM Antifreeze heater for tank, double pump and pipes