



AREF Chillers in collaboration with Iconic Group company a pioneer in the industry with energy saving and eco-friendly solutions, provides high efficiency cooling systems that both reduces the costs of your organization and saves the environment. With our innovative technologies, your energy consumption is reduced to a minimum, while minimizing your impact on the environment. Contribute to the sustainable world of the future with us.



AREF
COOLING EXPERT

ECO FRIENDLY

Energy Saving for the Nature,
Smart Choice for the Future

AREF CHILLERS

www.arefsogutma.com

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AREF REFRIGERATING SYSTEMS, the well-known firm of the sector which provides "customer satisfaction" with its domestic and foreign products and services has the certificates of EN ISO, CE, DOMESTIC PRODUCT.

The sectors for which we provide service

HEALTH SECTOR	PLASTIC SECTOR	FOOD INDUSTRY	COVERING
<ul style="list-style-type: none"> – MRI – Tomography – Pet CT – Radiotherapy devices – Laboratory equipments – Pharmaceutical industry 	<ul style="list-style-type: none"> – Plastic injection machines – Plastic blowing machines – Cable extruder machines – Profile extruder machines – Pipe extruder machines – Film extruder machines – Granule and recycling extruder machines – Polyurethane machines – XPS, EPS extruder machines – Thermoform machines 	<ul style="list-style-type: none"> – Milk pasteurisation machines – Milk cooling – Food filling machines – Drink filling lines – Food processing lines 	<ul style="list-style-type: none"> – Cataphoresis coatings – Chrome, nickel, copper, aluminum coating – Anodising – Galvanized coating
CONSTRUCTION SECTOR	COATING	PACKAGING SECTOR	CHEMICAL
<ul style="list-style-type: none"> – Concrete plants – Hotel, hospital, industrial facilities, factory – Central system cooling. – Central system water cooling 	<ul style="list-style-type: none"> – Metal injection machines – Heat treatment – Vacuum hardening machines 	<ul style="list-style-type: none"> – Lamination machines 	<ul style="list-style-type: none"> – Chemical reactors – Paint reactors – Cosmetic filling lines
RUBBER INDUSTRY	TEXTILE	OTHER	
<ul style="list-style-type: none"> – Seal, Gasket extruder machines – Banbury mixer machines – Rubber presses – Shoes sole injection machines 	<ul style="list-style-type: none"> – Spinning machines – Tarpaulin Roller machine 	<ul style="list-style-type: none"> – Skating Rink 	

AREF
COOLING EXPERT



AREF CHILLERS company

- All of our machines have 2-years guarantee.
- We have services even after Sales.
- High quality and long life chillers
- Equipment used in Chiller devices comply with European standards and provides high efficiency.



Danfoss Frascold Hanbell Bitzer Panasonic Dorin



AIR-COOLED CHILLER

- Materials used in our cooling systems are designed entirely to simplify your production and to last long.
- Reciprocating and scroll type compressors
- Independent single or double cooling circuit
- Eco-friendly R 407 C cooling gas
- Isolated and stainless steel water tank
- Shell&tube type high-efficiency evaporator
- Galvanized steel body, fired paint
- Four-wheeled production which helps mobility
- Electrical circuits made of superior quality materials with protection and warnings
- Electrical boards with micro processors
- Low and high pressure switches
- Security equipments
- Quiet condenser fans



COOLING EXPERT



DIAMONDS SERIES AIR COOLED CHILLERS

TWO /TWI= 10C / 15C TAI =30C

FEATURES		RF3	RF6	RF10
Cooling Capacity	kcal/h	2.500	6.000	12.000
Number of Compressors	NO.	1	1	1
Compressor Type		HERMETİK	SCROLL	SCROLL
Compressor Power	Kw	0,75	1,5	3
Power Input	Kw	1,5	2,49	4,3
EER	eer	4,2	2,90	3,26
Number of Fan	NO.	1	1	1
Fan Diameter	mm	300	450	500
Pump Power	hp	0,5	0,50	0,75
Tank Volume	LT	26	43	60
DIMENSIONS				
Length	(L) mm	850	940	1085
Width	(W) mm	635	785	740
Height	(H) mm	1005	1080	1220
Water Connection	"	3/4	1/2	1
Weight	kg	110	160	250



FEATURES		RF16	RF20	RF30	RF40
Cooling Capacity	kcal/h	16.000	21.500	40.000	48.000
Number of Compressors	NO.	1	1	1	1
Compressor Type		SCROLL	SCROLL	SCROLL	SCROLL
Compressor Power	Kw	3,75	5,20	9	11,20
Power Input	Kw	5,4	7,56	9,6	14,2
EER	eer	3,34	3,32	4,2	3,80
Number of Fan	NO.	1	2	2	2
Fan Diameter	mm	500	500	500	630
Pump Power	hp	1	1,5	1,5	2
Tank Volume	LT	96	182	130	180
DIMENSIONS					
Length	(L) mm	1365	1740	2010	2045
Width	(W) mm	755	855	880	1010
Height	(H) mm	1400	1580	1750	1700
Water Connection	"	1	1 1/4	1 1/4	1 1/4
Weight	kg	480	500	520	550



GREEN SERIES AIR COOLED CHILLERS

TWO /TWI= 10C / 15C TAI =30C

FEATURES		RF50	RF60	RF80
Cooling Capacity	kcal/h	43.000	60.000	80.000
Number of Compressors	NO.	2	2	2
Compressor Type		SCROLL	SCROLL	SCROLL
Compressor Power	Kw	10,40	14,2	18
Power Input	Kw	13	18	22,3
EER	eer	3,85	3,89	4,02
Number of Fan	NO.	2	3	4
Fan Diameter	mm	630	500	500
Pump Power	hp	2	3	3
Tank Volume	LT	180	240	240
DIMENSIONS				
Length	(L) mm	2045	2460	2325
Width	(W) mm	1010	880	1300
Height	(H) mm	1700	1650	1960
Water Connection	"	1 1/4	1 1/2	1 1/2
Weight	kg	600	700	850



FEATURES		RF100	RF120
Cooling Capacity	kcal/h	100.000	125.000
Number of Compressors	NO.	2	2
Compressor Type		SCROLL	SCROLL
Compressor Power	Kw	22,40	29,8
Power Input	Kw	30,8	39
EER	eer	3,8	3,76
Number of Fan	NO.	2	2
Fan Diameter	mm	800	800
Pump Power	hp	5,5	5,5
Tank Volume	LT	365	500
DIMENSIONS			
Length	(L) mm	2480	2930
Width	(W) mm	1300	1420
Height	(H) mm	2170	2230
Water Connection	"	2	2 1/2
Weight	kg	1100	1350

AREF[®]
COOLING EXPERT

GREEN SERIES

MOMENTUM SERIES AIR COOLED CHILLERS

TWO / TWI= 15C / 20C TAI =25C

FEATURES		RF100	RF140	RF180	RF220
Cooling Capacity	kcal/h	86.000	120.000	160.000	200.000
Number of Compressors	NO.	4	4	4	4
Compressor Type		SCROLL	SCROLL	SCROLL	SCROLL
Compressor Power	Kw	20,8	28,4	36	44.8
Power Input	Kw	28,8	37	46,5	56.8
EER	eer	3,47	3,78	4,02	4.09
Number of Fan	NO.	2	2	8	3
Fan Diameter	mm	800	800	500	800
Pump Power	hp	4	5,5	5,5	7.5
Tank Volume	LT	250	365	385	450
DIMENSIONS					
Length	(L) mm	2480	2930	2900	4003
Width	(W) mm	1300	1470	1470	1300
Height	(H) mm	2170	2300	2300	2425
Water Connection	"	2,50	2,5	3	3
Weight	kg	1150	1450	1500	1750



FEATURES		RF300	RF400	RF500	RF600
Cooling Capacity	kcal/h	250.000	307.000	378.000	502.000
Number of Compressors	NO.	4	4	4	4
Compressor Type		SCROLL	SCROLL	SCROLL	SCROLL
Compressor Power	Kw	59,6	72	86	108
Power Input	Kw	71,2	94	109	136
EER	eer	3,88	3,79	4,04	4,2
Number of Fan	NO.	4	6	6	8
Fan Diameter	mm	800	710	800	800
Pump Power	hp	550	10	15	15
Tank Volume	LT	365	800	1000	1000
DIMENSIONS					
Length	(L) mm	3090	4300	4378	5660
Width	(W) mm	2445	2440	2440	2440
Height	(H) mm	2540	2500	2500	2500
Water Connection	"	4	4	4	5
Weight	kg	1950	2300	2600	3050



MOMENTUM SERIES

TURQUOISE SERIES AIR COOLED CHILLERS

TWO / TWi= 15C / 20C TAI =25C

FEATURES		RF300	RF350	RF400	RF500
Cooling Capacity	kcal/h	323.000	385.000	500.000	577.000
Number of Compressors	NO.	2	2	2	2
Compressor Type		SCREW	SCREW	SCREW	SCREW
Compressor Power	Kw	78,8	91,2	119	138
Power Input	Kw	85	98	139	160
EER	eer	4,40	4,45	4,25	4,20
Number of Fan	NO.	6	6	10	10
Fan Diameter	mm	800	800	800	800
Pump Power	hp	X	X	X	X
Tank Volume	LT	X	X	X	X
DIMENSIONS					
Length	(L) mm	4380	4380	7200	7200
Width	(W) mm	2445	2445	2450	2450
Height	(H) mm	2550	2550	2550	2550
Water Connection	"	4	4	8	8
Weight	kg	2100	2100	4000	4000



FEATURES		RF600	RF700	RF800
Cooling Capacity	kcal/h	250.000	307.000	378.000
Number of Compressors	NO.	2	2	2
Compressor Type		SCREW	SCREW	SCREW
Compressor Power	Kw	147	168	192
Power Input	Kw	171	191,6	216
EER	eer	4,21	4,28	4,39
Number of Fan	NO.	12	12	14
Fan Diameter	mm	800	800	800
Pump Power	hp	X	X	X
Tank Volume	LT	X	X	X
DIMENSIONS				
Length	(L) mm	8550	8550	9900
Width	(W) mm	2450	2450	2450
Height	(H) mm	2550	2550	2550
Water Connection	"	8	8	8
Weight	kg	4400	4400	4800



TURQUOISE SERIES

SIRIUS SERIES AIR COOLED CHILLERS

TWO / TWI= 15C / 20C TAI =32C

FEATURES		RF300	RF350	RF400	RF500
Cooling Capacity	kcal/h	249.000	292.000	383.000	447.000
Number of Compressors	NO.	2	2	2	2
Compressor Type		SCREW	SCREW	SCREW	SCREW
Compressor Power	Kw	82,6	95,6	124	143,8
Power Input	Kw	94,6	107,6	144	163,8
EER	eer	3,07	3,16	3,10	3,17
Number of Fan	NO.	6	6	10	10
Fan Diameter	mm	800	800	800	800
Pump Power	hp	X	X	X	X
Tank Volume	LT	X	X	X	X
DIMENSIONS					
Length	(L) mm	4380	4380	7200	7200
Width	(W) mm	2445	2445	2450	2450
Height	(H) mm	2550	2550	2550	2550
Water Connection	"	4	4	8	8
Weight	kg	2100	2100	4000	4000



FEATURES		RF600	RF700	RF800
Cooling Capacity	kcal/h	546.000	631.000	700.000
Number of Compressors	NO.	2	2	2
Compressor Type		SCREW	SCREW	SCREW
Compressor Power	Kw	176,4	201,4	226
Power Input	Kw	200	225,4	254
EER	eer	3,18	3,20	3,2
Number of Fan	NO.	12	12	14
Fan Diameter	mm	800	800	800
Pump Power	hp	X	X	X
Tank Volume	LT	X	X	X
DIMENSIONS				
Length	(L) mm	8550	8550	9900
Width	(W) mm	2450	2450	2450
Height	(H) mm	2550	2550	2550
Water Connection	"	8	8	8
Weight	kg	4400	4400	4800



SIRIUS SERIES

CHILLER FROM TURKEY TO EVERY CONER OF WORD

MEMBERSHIP ORGANIZATIONS

