

AIR COOLED WATER CHILLER

DWAC SERIES

With Hermetic Compressor
(5 - 100) T.R.



**DEVELOPED REFRIGERATION & AIR
CONDITIONING INDUSTRIES EQUIPMENT
CO. [DRIC]**



Air Cooled Water Chillers With Hermetic Compressor

GENERAL DATA

MODEL		(DWAC)	60	95	120	150	180	240	300	370
Water IN/OUT	15/10 °C	Cap.(T.R)	6	9	11	13	17	23	27	34
		Water Flow Rate (gpm)	16	24	30	36	46	61	73	91
	12/7 °C	Cap.(T.R)	5	8	10	12	15	20	25	31
		Water Flow Rate (gpm)	14	21	27	29	41	54	65	82
Power Supply (Volt /Ph / Hz)			380/3/50							
Power cons(comp&fans) (KW)			6	8.3	11.3	12.2	18.3	22.3	25.5	34.1
Unit Casing			Heavy Gauge Galvanized steel with Electrostatic Powder Paint							
Compressor			Scroll Hermetically sealed Type							
No. Of Compressors			1	1	1	1	2	2	2	3
Refrigeration Circuit No.			1	1	1	1	2	2	2	3
Expansion Device:			Thermostatic Expansion Valve							
Cooler:			Shell Tube							
No.of Coolers			1				1 OR 2			
Refrigerant			R - 22							
Water Conn.Size (inch)			1	1.5	1.5	2	2	2	2	3
Condenser Coil:			Copper Tubes And Aluminum Fins							
No. of Rows			4	4	3	4	4	3	4	3
No. Of Fins			12							
Face Area (Ft²)			7.5	15	18	18	20	36	36	54
Condenser Fan			Propeller (Axial)							
Drive Type			Direct Drive							
Total Air Flow Rate (cfm)			4500	5600	6300	8400	9000	13500	18000	18000
Dimensions (cm)	Length	120	200	200	210	210	220	220	270	
	Width	90	110	110	110	110	135	135	220	
	Hight	160	180	180	180	180	210	210	210	
Weight (Approx.) (Kg)			258	310	368	420	450	752	850	1074

Models & Specifications are subject to change without prior notice

- **Data above based on:**

- 1- Ambient 35 °C .
- 2- Chilled water range (in/out) temp : 5 °C.

- **Available upon request :**

- 1- Refrigerant R-407c & R-134.
- 2- Stainless steel shell& tube.

Air Cooled Water Chillers With Hermetic Compressor

GENERAL DATA

MODEL (DWAC)			450	500	600	730	900	1000	1100	1200
Water IN/OUT	15/10 °C	Cap.(T.R)	41	46	55	68	81	92	101	108
		Water Flow Rate(gpm)	110	122	147	182	216	249	268	287
	12/7 °C	Cap.(T.R)	37	41	49	61	72	82	90	97
		Water Flow Rate(gpm)	99	109	132	162	192	217	239	259
Power Supply (Volt /Ph / Hz)			380/3/50							
Power cons(comp&fans) (KW)			38.7	45.3	53.4	66.9	79.7	90	97.3	107.1
Unit Casing			Heavy Gauge Galvanized steel with Electrostatic Powder Paint							
Compressor			Scroll Hermetically sealed Type							
No. Of Compressors			3	4	4	6	6	8	8	8
Refrigeration Circuit No.			3	4	4	6	6	8	8	8
Expansion Device:			Thermostatic Expansion Valve							
Cooler:			Shell & Tube							
No.of Coolers			1 OR 2				2			
Refrigerant			R - 22							
Water Conn.Size (inch)			4	4	4	6	6	6	6	6
Condenser Coil:			Copper Tubes And Aluminum Fins							
No. of Rows			4	3	4	3	4	3	4	4
No. Of Fins			12							
Face Area (Ft ²)			54	72	72	108	108	144	144	144
Condenser Fan			Propeller (Axial)							
Drive Type			Direct Drive							
Total Air Flow Rate (cfm)			25000	25000	27000	36000	45000	45000	54000	54000
Dimensions (cm)		Length	270	270	270	405	405	540	540	540
		Width	220	220	220	220	220	220	220	220
		Hight	210	210	210	210	210	210	210	210
Weight (Approx.) (Kg)			1052	1435	1500	2000	2600	2600	2750	2750

Models & Specifications are subject to change without prior notice

- **Data above based on:**

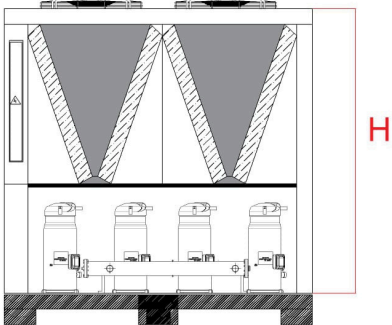
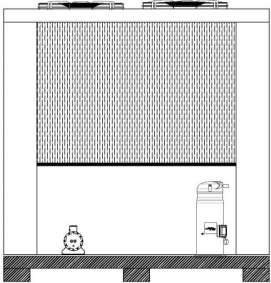
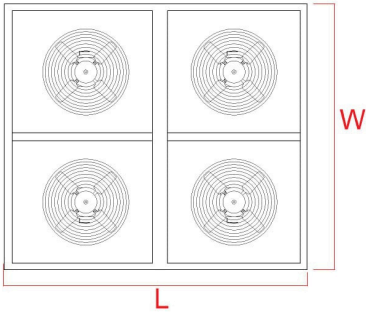
- 1- Ambient 35 °C .
- 2- Chilled water range (in/out) temp : 5 °C.

- **Available upon request :**

- 1- Refrigerant R-407c & R-134.
- 2- Stainless steel shell& tube.

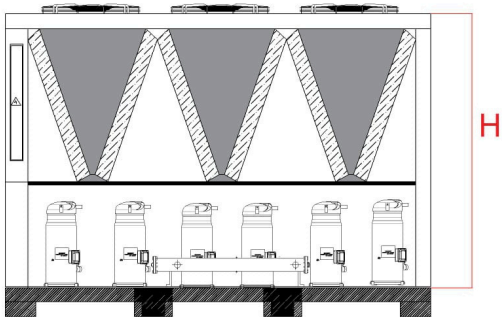
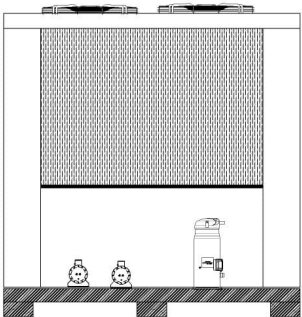
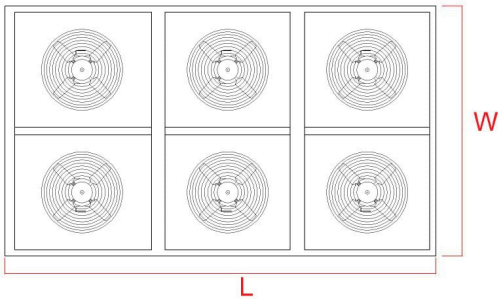
MODEL	L	W	H
DWAC 500	270	220	210
DWAC 600	270	220	210

All dimensions Are in CM



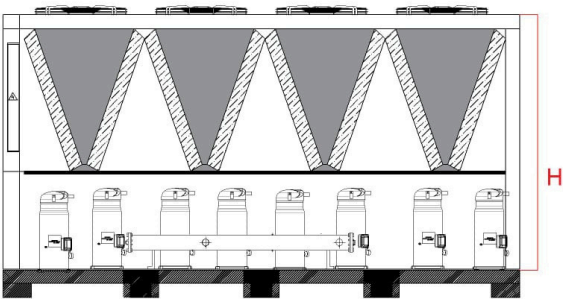
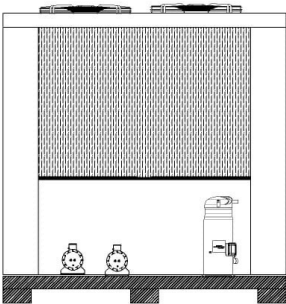
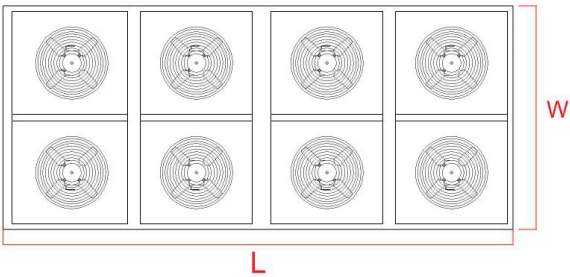
MODEL	L	W	H
DWAC 730	405	220	210
DWAC 900	405	220	210

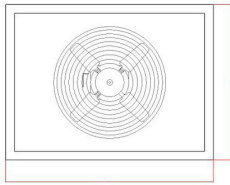
All dimensions Are in CM



MODEL	L	W	H
DWAC 1000	540	220	210
DWAC 1100	540	220	210
DWAC1200	540	220	210

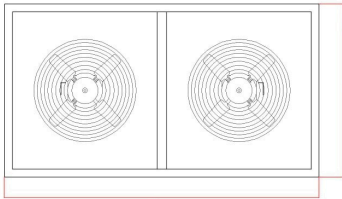
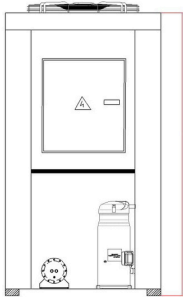
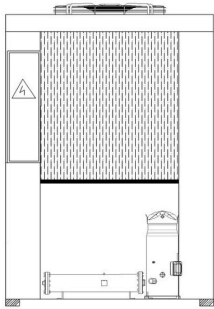
All dimensions Are in CM





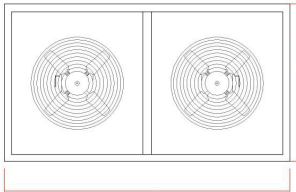
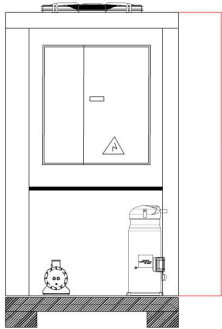
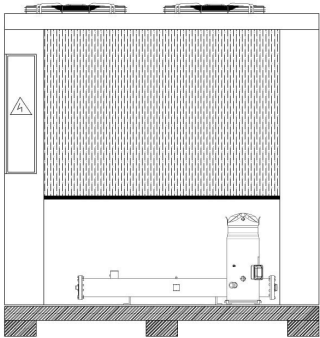
MODEL	L	W	H
DWAC 60	120	90	160
DWAC 95	200	110	180

All dimensions Are in CM



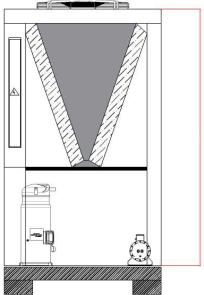
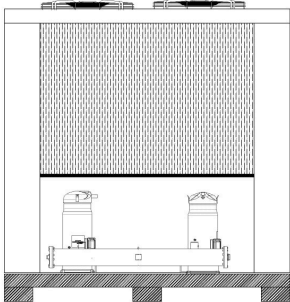
MODEL	L	W	H
DWAC 120	200	110	180
DWAC150	210	110	180
DWAC180	210	110	180

All dimensions Are in CM



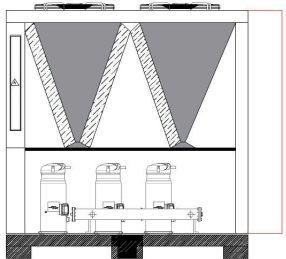
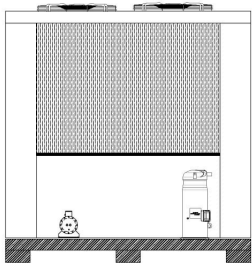
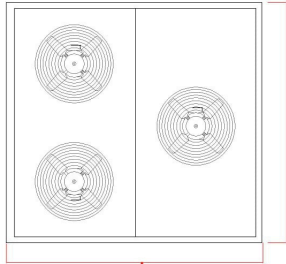
MODEL	L	W	H
DWAC 240	220	135	210
DWAC 300	220	135	210

All dimensions Are in CM



MODEL	L	W	H
DWAC 370	270	220	210
DWAC 450	270	220	210

All dimensions Are in CM





List Of Products

Equipment Description	Capacity Range	Series
Air cooled Water Chillers with: • Hermetic Scroll Compressors • Semi Hermetic Screw compressors • Semi Hermetic Reciprocating compressors	(05 – 100) T.R (50 – 375) T.R (15 – 240) T.R	DWAC DASC-S DASC-R
Ducted Split Units with Hermetic Compressor: (Air Cooled & Water Cooled Condenser)	(03 – 60) T.R	DSA / DCM
Package Units: • Air Cooled Condenser • Water Cooled Condenser	(01 – 109) T.R (01 – 25) T.R	DPAC DPWC
Free Stand DX. Units	(05 – 27) T.R	DSA / DFS
Air Handling Units	(1200 – 45000) CFM	DCM/DAH
Fan Coil Units: • Chilled Water – Low Static • Chilled Water – High Static	(250 _ 1200) CFM (600 – 2400) CFM	DLAC DHAC
Cooling Towers	(025 – 1000) T.R	DCTA
Cooling Units for Elec. & Control Panel	(1/4 - 03) HP	DACP
Drinking Water Coolers	(45 – 1000) liter/hr	DRIC

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