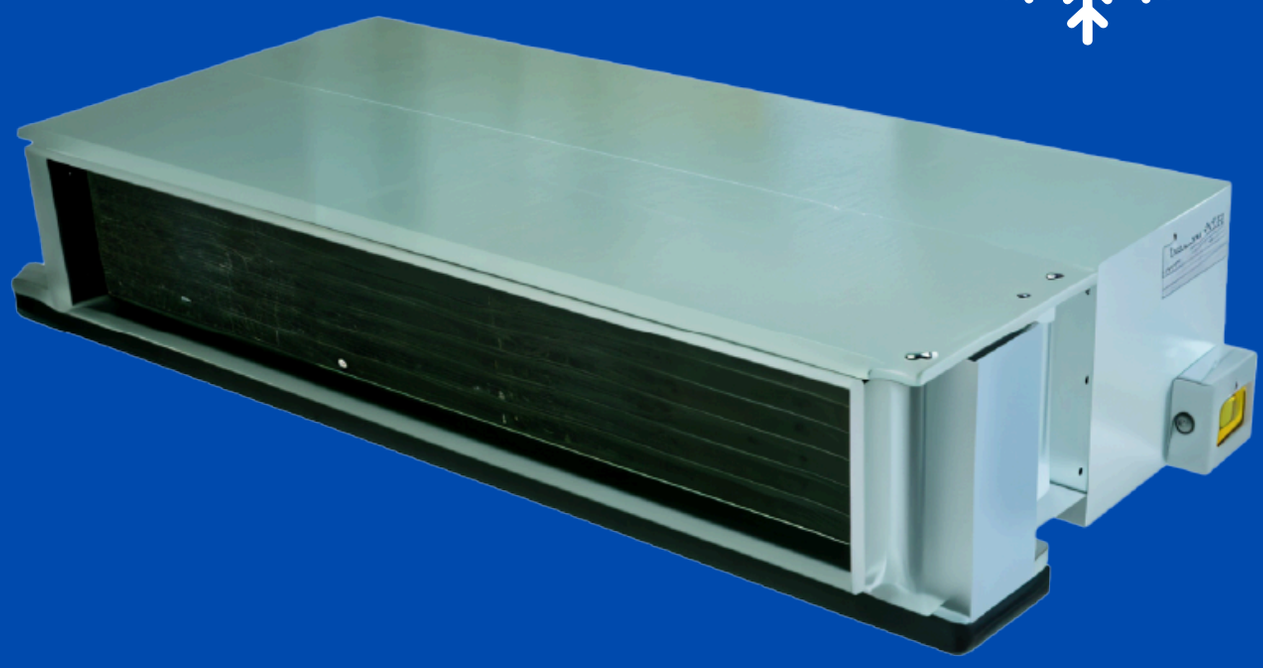
Fan Coil Units

Chilled Water - Low Static (250-1200)CFM

Chilled Water - High Static (600-2400)CFM

(DLAC –DHAC) SERIES



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

GENERAL DATA

Fan Coil Units (Chilled Water - Low Static)

MODEL	[DLAC]	3	4	5	6	8	10	12
Cooling Capacity	(Btu/Hr)	8700	14800	18500	23700	28300	38200	46600
	(Watt)	2550	4340	5425	6945	8295	11195	13660
Power Supply	(Volt/Ph/Hz)	220-240/1/50						
Control Voltage		220						
Unit Casing		Heavy Gauge Galvanized Steel Without Paint						
Insulation		0.5" Thickness Fiber Glass Or Equivalent						
Coil Data		Copper Tubes, Aluminum Fins						
Fins Per Inch		10						
No. Of Rows		3						
Face Area	(ft^2)	1.1	1.4	1.85	1.85	2.2	3.45	3.45
Tube Diameter	(Inch)	3/8						
Fan		Double Inlet Forward Curved Centrifugal						
No.		1	1	2	2	2	3	3
Transmission		Direct Drive						
Total Air Flow Rate	(CFM)	250	400	530	650	800	1030	1220
	(m^3/h)	425	680	901	1105	1360	1750	2075
Water Flow Rate	(gpm)	1.75	2.5	3.8	4.4	5.7	7.7	9.2
Fan Motor								
Type		Split Capacitor (3 Speed)						
No.		1					2	
Nominal Motor Rating-Each	(Watt)	50						
Coil Connection	(Inch)	1/2				3/4	1	
Drain Connection Size	(Inch)	1/2						
Air Filter:								
Type		Aluminum Mesh Flat Filter						
Thickness	(Inch)	1/2						
Operating Weight (Ceiling Basic With Plenum)	(Kg)	18	20	25	25	34	52	52

Models & Specifications are subject to change without prior notice

1- Cooling Capacity For Fan Coil Units (Chilled Water) is based on:
- -Inlet / Outlet Water Temp. 45/55 ° F/°F
- -Air on Coil Dry Bulb / Wet Bulb Temp. 80/67 ° F/°F
- -High Speed Fan @ External Static Pressure 0.1” of Water

2- Same Models Are Available with Dx Coil.

GENERAL DATA

Fan Coil Units (Chilled Water - High Static)

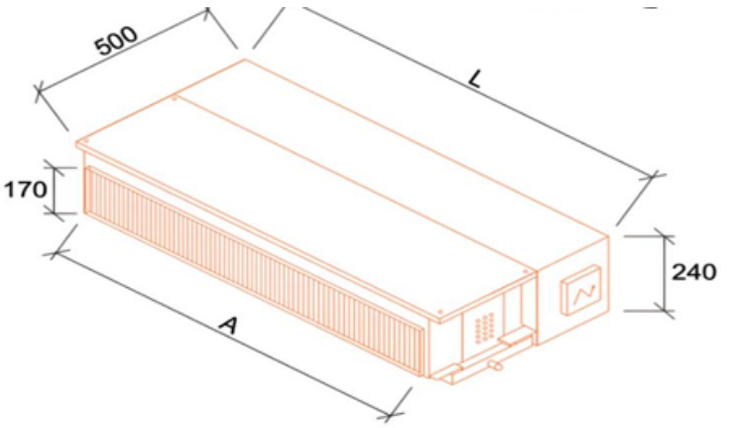
MODEL [DHAC]	6	8	10	12	14	16	18	20	24
Cooling Capacity (Btu/Hr)	19000	27000	32000	40000	48000	60000	66000	70000	91000
(Watt)	5570	7915	9380	11725	14070	17585	19345	20515	26670
Power Supply (Volt/Ph/Hz)	220-240/1/50								
Control Voltage	220								
Unit Casing	Heavy Gauge Galvanized Steel Without Paint								
Insulation	0.5" Thickness Fiber Glass Or Equivalent								
Coil Data	Copper Tubes, Aluminum Fins								
Fins Per Inch	10								
No. Of Rows	3								
Face Area [ft²]	2.19	2.19	2.6	3.6	3.6	3.6	4.5	4.5	6.05
Tube Diameter (Inch)	3/8								
Fan	Double Inlet Forward Curved Centrifugal								
No.	1			2					
Transmission	Direct Drive								
Total Air Flow Rate (CFM)	600	800	1000	1200	1400	1600	1800	2000	2400
(m^3/h)	1020	1360	1700	2040	2380	2720	3060	3400	4080
Water Flow Rate (gpm)	3.7	5.3	6.3	7.8	9.4	11.8	12.9	13.7	17.8
Fan Motor:									
Type	Split Capacitor (3 Speed)								
No.	1			2					
Nominal Motor Rating-Each (Watt)	147								225
Coil Connection (Inch)	3/4						1		1¼
Drain Connection Size (Inch)	3/4								
Air Filter									
Type	Aluminum Mesh Flat Filter								
Thickness (Inch)	1/2								
Operating Weight (kg) (Ceiling Basic With Plenum)	50	50	70	95	95	95	120	120	180

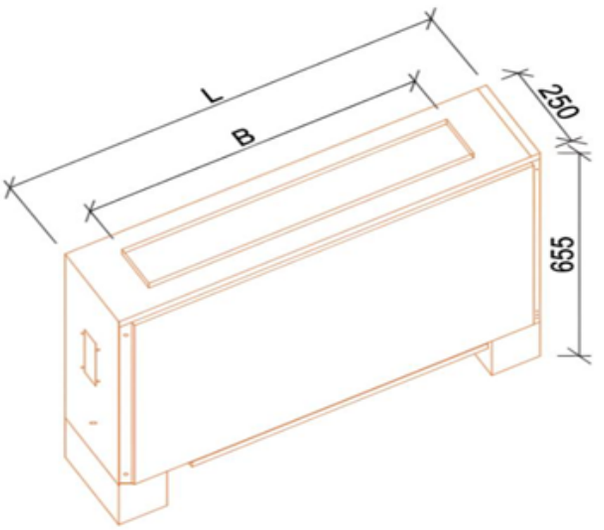
Models & Specifications are subject to change without prior notice

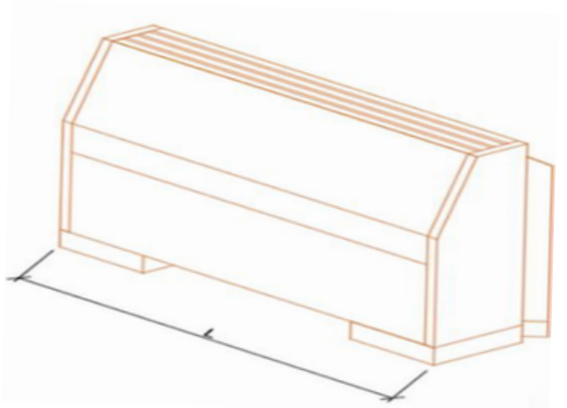
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- -High Speed Fan @ External Static Pressure 0.1” of Water

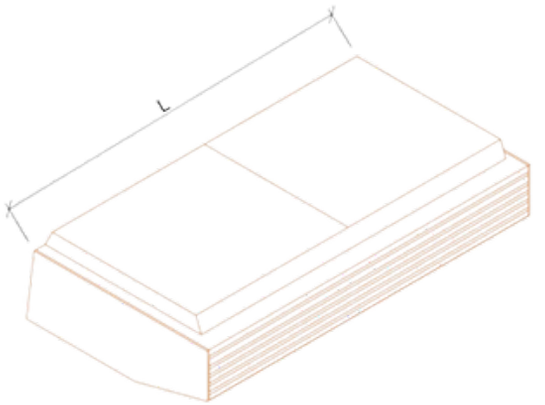
2- Same Models Are Available with Dx Coil.

DLAC Model Layout









Celling Basic Models With Plenum

Model	L	A
DLAC-03CBP	570	480
DLAC-04CBP	690	600
DLAC-05CBP	910	856
DLAC-06CBP	910	856
DLAC-08CBP	1088	998
DLAC-10CBP	1630	1539
DLAC-12CBP	1630	1539

Floor Basic Model

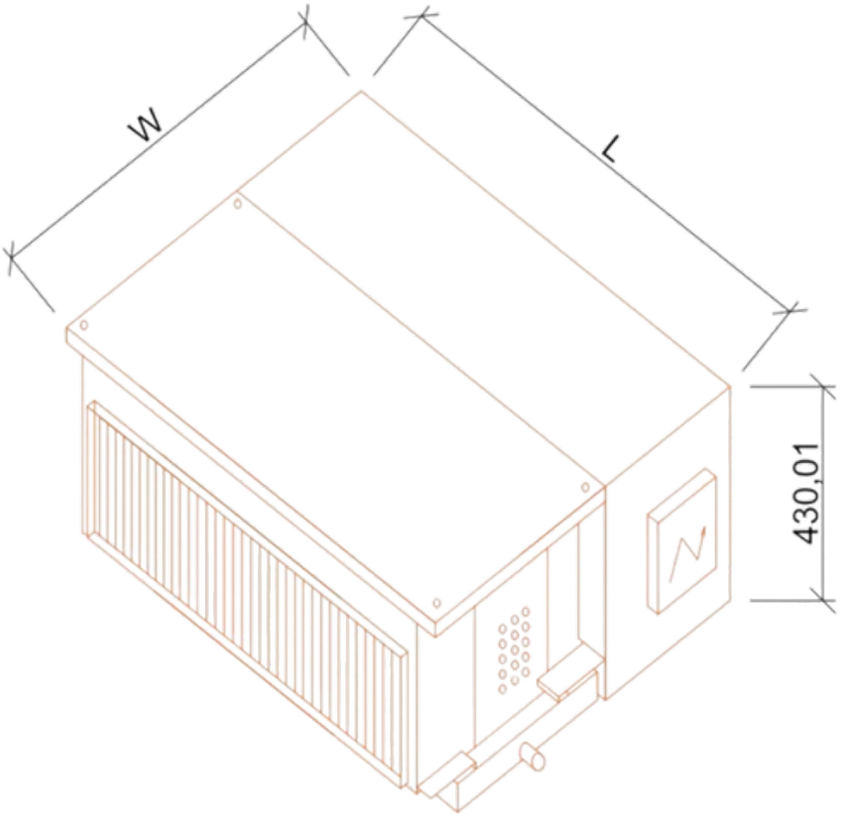
Model	L	B
DLAC-03CBP	740	490
DLAC-04CBP	840	590
DLAC-05CBP	1090	840
DLAC-06CBP	1090	840
DLAC-08CBP	1090	1030
DLAC-10CBP	1665	1415
DLAC-12CBP	1665	1415

Deluxe Model

Model	L
DLAC-03FC&3CC	880
DLAC-04FC&4CC	880
DLAC-05FC&5CC	1130
DLAC-06FC&6CC	1130
DLAC-08FC&8CC	1320
DLAC-10FC&10CC	1705
DLAC-12FC&12CC	1705

ALL Dimentions are in mm

DHAC Model Layout



Celling Basic Models With Plenum

	L	W	H
DHAC16	580	720	430
DHAC18	580	720	430
DHAC20	680	720	430
DHAC16	950	720	430
DHAC18	950	720	430
DHAC20	950	720	430
DHAC16	1150	720	430
DHAC18	1150	720	430
DHAC20	1450	1060	430

ALL Dimentions are in mm

Offering You Many Solutions

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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