

DUCTED SPLIT UNITS

Dx With Hermetic Compressor
(3 - 50). T.R.

DSA / DCM SERIES



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



Ducted Split Units With Hermetic Compressor

MODEL (DSA/DCM)	DSA 36 / DCM 12	DSA 48 / DCM 15	DSA 60 / DCM20	DSA 85 / DCM 30	DSA 120 / DCM42	DSA 150 / DCM 48
Cooling Capacity (BTU/HR)	37000	48000	58900	84000	120000	144000
Power Supply (Volt/Ph/Hz)	220/1/50	380 - 420 / 3 / 50				
Casing	Heavy Gauge Galvanized Steel With Electrostatic Powder Paint Of Epoxy Coating					
Compressor	Hermetically Sealed Type					
No.	1					
Refrigerant Circuit :						
Type	R-22					
Control	Expansion Devic					
Condenser Coil :						
Fins Per Inch / No.Of Rows	12 / 3		12 / 4			
Face Area (Total) (ft ²)	5.5	7.5	7.5	11	15.5	15.5
Condenser Fan	Propeller (Axial)					
No.	1					
Drive Type	Direct Drive					
Total Air Flow Rate (cfm)	2730	3348	3215	5400	7924	7924
Evaporator Side :						
No. Of Rows / Fins Per Inch	3 / 10	4 / 10				
Face Area (Total) (ft ²)	3.12	3.12	4	5.5	7.58	9.92
Fan, No.	Forward Curved Centrifugal, 1					
Transmission	Direct Drive			Belt Drive		
Total Air Flow Rate (cfm)	1260	1500	2000	2700	4200	4800

- Coil Of Evaporator & Condenser : Copper Tubes, Aluminum Fins
 - Coil Tube Diameter Of Evaporator & Condenser = $\frac{3}{8}$ "
 - For Models DCM12, DCM15, DCM20 Aluminum Flat Filter Thickness is 0.5" & 1" For Other Models
- Data Above Are Based On :
- . Ambient Temp. : 95 °F
 - . Evaporator On Coil Temp. (DB/WB) : 80 / 67 °F/ °F
 - . For Models DCM12, DCM15,DCM20 Ext. Static Pressure 0.35" Of Water & 0.5" Of Water For Other Models
 - . Air Flow Rates Are Nominal

All models specification are subject to change without prior notice



Ducted Split Units With Hermetic Compressor

MODEL (DSA/DCM)	DSA 180/ DCM 60	DSA 240/ DCM 80	DSA 330/ DCM 100	DSA 410/ DCM 120	DSA 500/ DCM 150	DSA 600/ DCM 150
Cooling Capacity (BTU/HR)	179000	240000	330000	413000	501900	617700
Power Supply (Volt/Ph/Hz)	380 - 420 / 3 / 50					
Casing	Heavy Gauge Galvanized Steel With Electrostatic Powder Paint Of Epoxy Coating					
Compressor	Hermetically Sealed Type					
No.	1	2	2	3	3	4
Refrigerant Circuit :						
Type	R-22					
Control	Expansion Devic					
Condenser Coil :						
Fins Per Inch / No.Of Rows	12 / 4					
Face Area (Total) (ft ²)	22.5	29	34.5	45	60	64.58
Condenser Fan	Propeller (Axial)					
No.	2	2	2	3	3	4
Drive Type	Direct Drive					
Total Air Flow Rate (cfm)	10800	15660	20860	23090	29030	43230
Evaporator Side :						
No. Of Rows / Fins Per Inch	4 / 10					
Face Area (Total) (ft ²)	12.08	15	20	24	30.2	30.2
Fan, No.	Forward Curved Centrifugal, 1					
Transmission	Belt Drive					
Total Air Flow Rate (cfm)	6000	8700	11000	12000	14000	16000

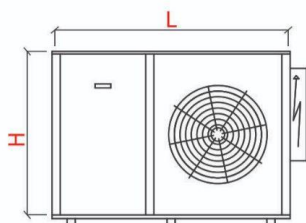
- Coil Of Evaporator & Condenser : Copper Tubes, Aluminum Fins
- Coil Tube Diameter Of Evaporator & Condenser = $\frac{3}{8}$ "
- For Models Above, Aluminum Flat Filter Thickness is 1"

Data Above Are Based On :

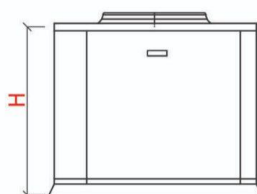
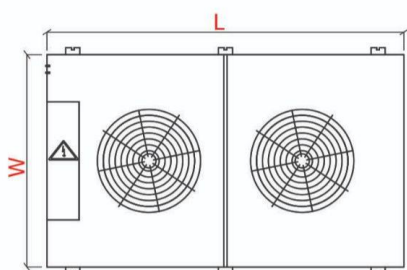
- . Ambient Temp. : 95 °F
- . Evaporator On Coil Temp. (DB/WB) : 80 / 67 °F/ °F
- . For Models Above, Ext. Static Pressure 0.5" Of Water
- . Air Flow Rates Are Nominal

All models specification are subject to change without prior notice

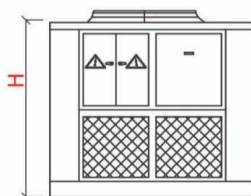
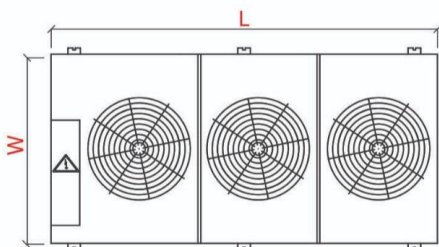
OUTDOOR UNIT LAYOUT (DSA)



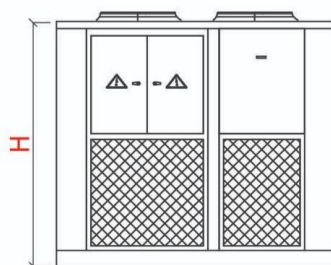
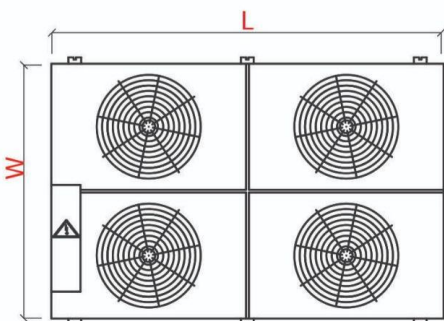
MODEL	L	W	H
DSA 36	1070	450	690
DSA 48	1070	450	800
DSA 60	1070	450	800
DSA 85	1320	600	920
DSA120	1525	600	1075
DSA150	1525	600	1075



MODEL	L	W	H
DSA 180	1720	1070	860
DSA 240	2180	1300	1110
DSA 330	2180	1300	1110



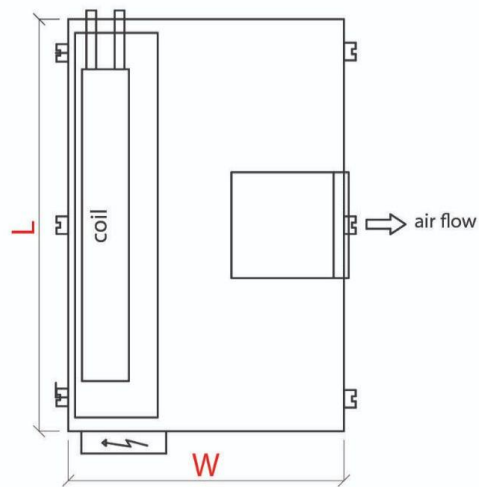
MODEL	L	W	H
DSA 410	2650	1300	1110
DSA 500	2650	1300	1110



MODEL	L	W	H
DSA 600	2650	1725	1525

All Dimensions Are In mm

INDOOR UNIT LAYOUT (DCM)



MODEL	L	W	H
DCM 12	955	730	430
DCM 15	985	1060	540
DCM 20	1165	1060	540
DCM 30	1315	1060	540
DCM 42	1670	1060	600
DCM 48	1760	1060	760
DCM 60	1830	1225	860
DCM 80	2180	1225	860
DCM 100	2180	1100	1080
DCM 120	2280	2150	1370
DCM 150	2120	2150	2120

All Dimensions Are In mm

