

DRIC Air Cooled Packaged Units

DPAC SERIES

With Hermetic Compressors
(12000 - 720000) Btu / h



Developed Refrigeration & Air Conditioning
Industries Equipment Co. [DRIC]



DRIC AIR COOLED PACKAGED UNITS

MODEL	[DPAC]	36	48	60	85	120	150	
Cooling Capacity	[Btu/Hr]	36000	48000	58000	84000	119000	144000	
Power Supply	[Volt/Ph/Hz]	220-240/1/50 380 - 420 / 3 / 50						
Unit Casing		Heavy Gauge Galvanized Steel Without Paint						
Compressor		Hermetically Sealed, Reciprocating						
No.		1	1	1	1	1	1	
Refrigerant Circuit :		3 GS Or Equivalent						
No.		1	1	1	1	1	1	
Refrigerant		R - 22						
Condenser Side :								
No. Of Rows		4						
No. Of Fins		12						
Face Area	[Ft ²]	5.5	7.5	7.5	11	15.5	15.5	
Condenser fan		Propeller (Axial)						
Drive Type		Direct Drive						
Total Air Flow Rate	[Cfm]	2700	3200	3200	5400	8000	8000	
Evaporator Side :								
Coil		Copper Tubes, Aluminum Fins						
No. Of Rows		3	4					
No. Of Fins	[Ft ²]	10						
Face Area		3	3	4	5.5	7.6	10	
Fan		Forward Curved Centrifugal						
Transmission		Direct Drive			Belt Drive			
Total Air Flow Rate	[Cfm]	1260	1500	2000	2700	4200	4800	
Fan Motor :		380 / 3 / 50						
Type		Split Capacitor						
No.		1						
Dimensions	[Cm]	Length	150	150	170	175	190	200
		Width	110	110	110	125	160	180
		Height	145	145	160	165	170	180

- Coil Of Evaporator & Condenser : Copper Tubes, Aluminum Fins
- Coil Tube Diameter Of Evaporator & Condenser = 3/8"
- Note : Data above are based on :
 - * Ambient temp. : 95 °F
 - * Evaporator on Coil temp. (DB / WB) : 80/67 °F/ °F
 - * For models up to DPAC 120 : external static pressure "0.35" & 0.5 for other models
 - * For models up to DPAC 120 : filter thickness of aluminium flat filter is "0.5" & 1 for other models
 - * Nominal Air Flow Rate

DRIC AIR COOLED PACKAGED UNITS

MODEL	[DPAC]	180	240	330	410	500	600	720	
Cooling Capacity	[Btu/Hr]	179000	240000	330000	413000	502000	617700	720000	
Power Supply	[Volt/Ph/Hz]	380 - 420 / 3 / 50							
Unit Casing		Heavy Gauge Galvanized Steel Without Paint							
Compressor		Hermetically Sealed, Reciprocating							
No.		1	2	2	3	3	4	4	
Refrigerant Circuit :		3 GS Or Equivalent							
No.		1	2	2	3	3	4	4	
Refrigerant		R - 22							
Condenser Side :									
No. Of Rows		4							
No. Of Fins		12							
Face Area	[Ft ²]	22.5	30	34	45	60	65	78	
Condenser fan		Propeller (Axial)							
Drive Type		Direct Drive							
Total Air Flow Rate	[Cfm]	11000	15700	21000	23000	29000	43300	45500	
Evaporator Side :									
Coil		Copper Tubes, Aluminum Fins							
No. Of Rows		4							
No. Of Fins		10							
Face Area	[Ft ²]	12	15	20	24	30	30	45	
Fan		Forward Curved Centrifugal							
Transmission		Belt Drive							
Total Air Flow Rate	[Cfm]	6000	8700	11000	12000	14000	16000	19000	
Fan Motor :		380 / 3 / 50							
Type		Split Capacitor							
No.		1							
Dimensions	[Cm]	Length	200	220	260	260	280	280	295
		Width	220	220	230	230	235	235	235
		Height	190	200	220	220	235	235	235

- Coil Of Evaporator & Condenser : Copper Tubes, Aluminum Fins
- Coil Tube Diameter Of Evaporator & Condenser 3/8"
- Note : Data above are based on :
 - * Ambient temp. : 95 °F
 - * Evaporator on Coil temp. (DB / WB) : 80/67 °F/ °F
 - * External static pressure 0.5" of water
 - * Filter thickness of aluminium flat filter is 1"
 - * Nominal Air Flow Rate