

DRIC Water Cooled Packaged Units

DPWC SERIES

With Hermetic Compressors
(12000 - 310000) Btu / h



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



DRIC WATER COOLED PACKAGED UNITS

MODEL	[DPWC]	12	15	20	25	30	36	48	60
Cooling Capacity	[Btu/Hr]	12000	15000	19000	25000	30000	36000	48000	58000
Power Supply	[Volt/Ph/Hz]	220 - 240/1/50					380 - 420/3/50		
Control Voltage		220							
Unit Casing		Galvanized Steel Without Paint							
Compressor		Hermetically Sealed, Reciprocating							
No.		1							
Grade of Oil		3 GS Or Equivalent							
Refrigerant Circuit :									
No.		1							
Refrigerant		R - 22							
Control		Expansion Device							
Condenser Side :									
Type		Shell & Tube							
Inlet/Outlet Water Conn. Diameter Size	[Inch]	3/4	3/4	1	1	1	1	1	1
Evaporator Side :									
Coil		Copper Tubes, Aluminum Fins							
No. Of Rows		2	2	3	4	3	3	3	4
No. Of Fins		10							
Face Area	[Ft2]	2	2	2.5	2.5	3	3.5	4.2	4.2
Tube Diameter	[Inch]	3/8							
Fan		Double Inlet Forward Curved Centrifugal, -3Speed							
No.		1							
Transmission		Direct Drive							
Total Air Flow Rate	[Cfm]	400	500	600	800	1000	1200	1600	1800
Fan Motor :									
Type		Split Capacitor							
No.		1							
Drain Connection Size	[Inch]	3/4					1		
Air Filter									
Type		Aluminum Mesh							
Thickness	[Inch]	1.0							
Dimensions	Length	75	75	75	75	75	75	80	80
	Width	110	110	110	110	120	120	130	135
	Height	47	47	50	50	50	55	60	60
Operating Weight- Approx.	[Kg]								
Ducted Concealed Type		60	68	71	75	80	90	100	120
Free Stand Ducted Supply Type		55	65	65	70	75	85	90	110

Note :

- Cooling Capacity Data Are based on :
- Air On Coil Dry Bulb / Wet Bulb Temp. : 80/67 °F/°F
 - Condenser Entering Water Temp. : 85 °F

DRIC WATER COOLED PACKAGED UNITS

MODEL	[DPWC]	75	90	120	140	180	210	240	310
Cooling Capacity	[Btu/Hr]	78000	88000	119000	140000	186000	215000	246300	310000
Power Supply	[Volt/Ph/Hz]	380-420/3/50							
Control Voltage		220							
Unit Casing		Galvanized Steel Without Paint							
Compressor		Hermetically Sealed, Reciprocating							
No.		1	1	1	1	2	2	2	2
Grade of Oil		3 GS Or Equivalent							
Refrigerant Circuit :									
No.		1				2			
Refrigerant		R - 22							
Control		Expansion Device							
Condenser Side :									
Type		Shell & Tube							
Inlet/Outlet Water Conn. Diameter Size	[Inch]	1	1 1/2	1 1/2	1 1/2	2	2	3	3
Evaporator Side :									
Coil		Copper Tubes, Aluminum Fins							
No. Of Rows		4							
No. Of Fins		10							
Face Area	[Ft2]	5.2	6.2	7.9	10	12.5	15	18	20
Tube Diameter	[Inch]	3/8							
Fan		Double Inlet Double Width, Forward Curved Centrifugal, Single Speed							
No.		1				2			
Transmission		Belt Drive							
Total Air Flow Rate	[Cfm]	2300	3000	3200	4100	5600	6000	7300	9600
Fan Motor :									
Type		Induction-TEFC-IP54-Class F Insulation							
No.		1							
Drain Connection Size	[Inch]	1							
Air Filter									
Type		Aluminum Mesh							
Thickness	[Inch]	1.0							
Dimensions	Length	105	105	110	110	120	130	130	130
	Width	180	220	220	250	250	300	325	325
	Height	75	75	80	95	95	125	125	135
Operating Weight- Approx.	[Kg]								
Ducted Concealed Type		175	195	250	275	300	350	375	400
Free Stand Ducted Supply Type		165	185	240	265	290	340	360	390

Note :

- Cooling Capacity Data Are based on :
- Air On Coil Dry Bulb / Wet Bulb Temp. : 80/67 °F/°F
 - Condenser Entering Water Temp. : 85 °F