

Air Cooled Water Chiller

With Screw

Semi-Hermetic Compressors

(50 - 375) T.R.

DASC-S SERIES



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



AIR COOLED WATER CHILLER WITH SCREW SEMI-HERMETIC COMPRESSORS

Model : DASC-S			50	60	70	100	120	125	135	150
Water in/out	15/10 °C	Cap. (T.R.)	58	71	80	112	136	142	150	171
		Water Flow Rate (gpm)	156	191	215	300	363	379	402	457
	12.2/7.2 °C	Cap. (T.R.)	50	60	70	102	120	127	135	150
		Water Flow Rate (gpm)	134	162	187	272	320	340	360	402
Power Supply (volt/ph/hz)			380 - 415 V / 3 Ph / 50 Hz							
Casing			Heavy Gauage Galvanized Steel With Electrostatic Powder Paint Of Epoxy Coating							
Compressor			Screw Semi Hermetic							
No. Of Compressors			1	1	1	1	1	1	1	1
Cooler			Shell & Tube							
No. of Coolers			1	1	1	1	1	1	1	1
Refrigerant			R - 22							
No. of Refrigeration Circuits			1	1	1	1	1	1	1	1
Water Conn. Size (inch)			3	4	4	5	5	6	6	6
Condenser Coil			Copper Tubes, Aluminium Fins							
No. of Fins Per Inch			12							
No. Of Rows			4	4	4	4	4	4	4	4
Condenser Face Area (ft²)			71	71	79	148	158	158	158	190
Condenser Fans			Axial Propeller							
Air Flow Rate (cfm)			36000	36000	36000	110000	110000	110000	110000	135000
Power Cons(Comp&Fan) (kw)			67	92	94	100	128	138	154	166
Operating Weight (kg)			1850	2000	2500	2900	3200	3700	4200	4700
Dimensions		Length (cm)	300	300	300	385	480	520	520	610
		Width (cm)	180	180	180	235	235	235	235	235
		Height (cm)	210	210	210	250	250	250	250	250
Notes :			1. Rating based on : - Ambient air temp. : 35 °C - Chilled water range (in/out) temp. : (12.2 / 7.2) °C 2. Available upon request : - Refrigerant : R407c & R134a - Stainless steel shell & tube							

Models and specifications are subject to change without prior notice

AIR COOLED WATER CHILLER WITH SCREW SEMI-HERMETIC COMPRESSORS

Model : DASC-S			175	200	220	250	275	300	350	375
Water in/out	15/10 °C	Cap. (T.R.)	200	231	257	281	310	341	400	429
		Water Flow Rate (gpm)	536	616	686	751	827	911	1067	1145
	12.2/7.2 °C	Cap. (T.R.)	176	206	225	250	275	300	350	375
		Water Flow Rate (gpm)	469	550	603	668	736	807	934	1007
Power Supply (volt/ph/hz)			380 - 415 V / 3 Ph / 50 Hz							
Casing			Heavy Gauage Galvanized Steel With Electrostatic Powder Paint Of Epoxy Coating							
Compressor			Screw Semi Hermetic							
No. Of Compressors			1	1	2	2	2	2	2	1
Cooler			Shell & Tube							
No. of Coolers			1	1	1	1	1	1	1	1
Refrigerant			R - 22							
No. of Refrigeration Circuits			1	1	2	2	2	2	2	1
Water Conn. Size (inch)			6	8	8	8	8	8	8	8
Condenser Coil			Copper Tubes, Aluminium Fins							
No. of Fins Per Inch			12							
No. Of Rows			4	4	4	4	4	4	4	4
Condenser Face Area (ft²)			214	214	237	285	306	316	395	395
Condenser Fans			Axial Propeller							
Air Flow Rate (cfm)			140000	140000	140000	180000	200000	200000	280000	280000
Power Cons(Comp&Fan) (kw)			194	242	283	289	311	353	386	422
Operating Weight (kg)			5200	5800	6200	6800	7500	8000	8200	8900
Dimensions		Length (cm)	680	680	680	850	850	950	1250	1250
		Width (cm)	235	235	235	235	235	235	235	235
		Height (cm)	250	250	250	250	250	250	250	250
Notes :			1. Rating based on : - Ambient air temp. : 35 °C - Chilled water range (in/out) temp. : (12.2 / 7.2) °C 2. Available upon request : - Refrigerant : R407c & R134a - Stainless steel shell & tube							

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