

D-Series Package Chiller

Standard Features

- Heavy duty welded, tubular steel frame with high gloss powder coat finish and mill finished aluminum laminated cabinet panels
- U.L. Listed, and EPA Compliant, eco-friendly R410a refrigeration condensing unit
- Single refrigeration circuit with Copeland scroll compressor for energy savings
- Air cooled, high ambient, vertical discharge, condensers for 100°F ambient; EC fan motors
- Fan cycle switch and compressor heater for low ambient operation
- Weather proof electrical panel with single point power connection and 24 vac control circuit
- Heavy duty coaxial evaporator (copper inner with steel outer shell) insulated with expanded foam
- Auto reset low pressure safety; manual reset high pressure safety
- Externally equalized thermal expansion valve, liquid line filter drier, and sight glass
- Low water flow compressor interlock safety locks out compressors in low flow condition
- Built-in freeze stat to protect chiller when fluid temperature drops below 40F degrees
- Copper water lines with FPT connections insulated with 1/2" closed cell insulation
- High density, polyethylene reservoir insulated with 1/2" closed cell insulation with sight glass on cabinet exterior
- High head centrifugal process pump
- Warranty: one (1) years limited parts, five (5) years limited compressor warranty
- Systems leak checked, pressure tested, run tested under load and shipped operation ready
- Ships fully crated to minimize risk of shipping damage

Options & Accessories

- Insulated Tanks and Pumps
- Package Chillers with built-in tanks and pumps
- Split Chillers
- Cabinet mounted, glycerin filled refrigeration pressure gauges
- Castors for portability



1.5 to 5-Ton Package



7.5 to 20-Ton Package

Modular Chiller Series: DAVP0000CA-COAX

General Data

Model (i.e. DAVP0151CA-COAX)	0151	0201	0301	0501	0303	0503	0304	0504
Nominal Tons Cooling	1.5	2	3	5	3	5	3	5
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A

Electrical Data

Supply Power	208-230	208-230	208-230	208-230	208-230	208-230	208-230	460	460
Phase	1	1	1	1	3	3	3	3	3
Frequency (Hz)	60	60	60	60	60	60	60	60	60
Total Circuit	17.9	20.2	22.1	34.5	18	21	8.8	11.1	13.9
Full Load Amps (FLA)	22	25	31	44	23	26	11	13.9	15
Min Circuit Ampacity (MCA)	30	35	35	50	25	40	15	15	15
Max Overcurr. Protect.									

Physical Data

Outdoor Unit Size (in)	35	35	40	44	40	44	40	44
Length (L)	35	35	36	36	36	36	36	36
Width (W)	60	60	66	66	66	66	66	66
Height (H)	465	480	550	780	550	780	550	780
Weight (lb)	600	615	750	1025	750	1025	750	1025
Air Clearance Required (in)	12	12	12	12	12	12	12	12
Connection Sizes	24	24	24	24	24	24	24	24
Supply (FPT) inches (FPT) inches	60	60	60	60	60	60	60	60
Sound	3/4	3/4	1	1	1	1	1	1
Flow Rate (GPM)	3/4	3/4	1	1	1	1	1	1
Recommended Flow	70.7	75.7	76.1	75.8	76.1	75.8	76.1	75.8
	3.6	4.8	7.2	12	7.2	12	7.2	12

General Data		0753	0754	1003	1004	1253	1254	1503	1504	2003	2004
Model (i.e. DAVP0753CA-COAX)											
Nominal Tons Cooling		7.5	7.5	10	10	12.5	12.5	15	15	20	20
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Electrical Data											
Voltage		208-230	460	208-230	460	208-230	460	208-230	460	208-230	460
Supply Power		3	3	3	3	3	3	3	3	3	3
Frequency (Hz)		60	60	60	60	60	60	60	60	60	60
Full Load Amps (FLA)		37.2	18.5	30.1	19.4	61.2	27.4	61	30.2	83	43.9
Min Circuit Ampacity (MCA)		46	23	37.7	25	70	35	77	38	105	55
Max Overcurr. Protect. (MOP)		70	35	60	40	80	40	90	45	125	60
Physical Data											
Unit Size (in)		64	64	60	60	66	66	94	94	88	88
Length (L)		51	51	46	46	51	51	51	51	69	69
Width (W)		74	74	51	51	80	80	84	84	91	91
Height (H)		875	875	695	695	1400	1400	1900	1900	1450	1450
Dry		1075	1075	950	950	1775	1775	2310	2310	1960	1960
Ship		42 / 18	42 / 12	49 / 12	49 / 12	49 / 12	49 / 12	49 / 12	49 / 12	49 / 12	49 / 12
Sides		36	36	36	36	36	36	36	36	36	36
Service		60	60	60	60	60	60	60	60	60	60
Top		1.25	1.25	1..5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Fluid Supply (FPT)		1.25	1.25	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Fluid Return (FPT)		18.75	18.75	24	24	30	30	36	36	48	48
Recommended Flow Rate (GPM)											