



Perfect Fit.
Uncommonly Fast.

Direct Drive Blower Coils

HDY AND VDY TECHNICAL CATALOG

AHRI Nominal Capacity

AHRI Certification

CCA's Direct Drive Blower Coil units are certified in compliance with Air-Conditioning, Heating, and Refrigeration Institute (AHRI) industry standard AHRI-440 for room fan coil units. Approved standard ratings are tabulated below.



C-ETL-US Listing

CCA's Direct Drive Blower Coil units are listed by Intertek Testing Services (ITS). ITS's C-ETL-US listing signifies that CCA's blower coil units have been examined by ITS and comply with the minimum requirements of U.S. and Canadian national product safety standard, UL 1995/CSA C22.2 No. 236, and that CCA's manufacturing site has been audited. ITS's re-examination service includes periodic visits to CCA's factory to ensure continued compliance for all listed products



Nominal Capacity Range – HDY

Model	Unit Size	Coil Rows	Nominal CFM	Water Pressure Drop (ft. water)	Cooling Capacity ¹ (BTUH)		Power Input (Watts)
					Total	Sensible	
HDY	06	4	600	1.8	19,900	13,800	85
	06	6	600	3.8	25,000	16,000	120
	06	8	600	4.8	26,000	16,000	120
	08	4	800	2.9	24,900	17,800	160
	08	6	800	5.5	31,000	20,100	175
	08	8	800	8.4	34,800	21,200	205
	10	4	1,000	5.7	33,700	23,200	220
	10	6	1,000	10.7	40,500	25,900	240
	10	8	1,000	15.9	45,100	27,500	260
	12	4	1,200	7.2	38,400	26,800	335
	12	6	1,200	14.7	47,600	30,700	350
	12	8	1,200	20.5	52,000	31,800	380
	16	4	1,600	4.7	49,000	35,300	410
	16	6	1,600	10.0	61,500	39,700	420
	16	8	1,600	14.2	67,100	41,400	520
	20	4	2,000	5.5	62,100	45,000	445
	20	6	2,000	11.2	78,000	51,300	465
	20	8	2,000	17.0	87,400	55,400	510
	22	4	2,200	8.0	65,000	47,200	575
	22	6	2,200	15.0	83,800	54,900	600
22	8	2,200	23.0	95,500	59,000	660	
30	4	3,000	6.1	98,500	71,100	790	
30	6	3,000	10.7	123,900	80,400	860	
30	8	3,000	18.4	140,000	88,500	890	

Nominal Capacity Range – VDY

Model	Unit Size	Coil Rows	Nominal CFM	Water Pressure Drop (ft. water)	Cooling Capacity ¹ (BTUH)		Power Input (Watts)
					Total	Sensible	
VDY	06	4	600	1.5	14,900	11,400	90
	06	6	600	2.8	18,000	12,700	125
	06	8	600	4.0	18,600	12,700	125
	08	4	800	2.0	19,300	15,000	170
	08	6	800	4.0	23,600	16,800	185
	08	8	800	6.0	25,100	17,100	215
	10	4	1,000	5.0	29,300	21,900	230
	10	6	1,000	9.0	34,200	24,000	255
	10	8	1,000	13.0	35,600	24,200	275
	12	4	1,200	5.8	33,500	25,600	355
	12	6	1,200	11.4	40,000	28,400	370
	12	8	1,200	17.0	42,700	29,200	400
	16	4	1,600	3.5	42,200	32,200	435
	16	6	1,600	7.6	52,900	37,200	445
	16	8	1,600	11.8	58,100	39,400	550
	20	4	2,000	4.3	54,200	41,000	478
	20	6	2,000	9.2	68,900	48,000	490
	20	8	2,000	15.0	77,800	51,900	540
	22	4	2,200	4.8	58,100	44,400	605
	22	6	2,200	10.5	74,600	52,300	630
22	8	2,200	17.3	85,000	56,900	695	
30	4	3,000	4.0	83,000	63,900	830	
30	6	3,000	9.8	111,500	77,900	905	
30	8	3,000	16.8	131,400	86,800	935	

NOTES: 1. Ratings are based on 80°F (26.7°C) DB and 67°F (19.4°C) WB EAT, 45°F (7.2°C) EWT, 10°F Δ (5.6°C Δ) water temperature rise, high fan speed, motor voltage 115-1-60, and airflow under dry coil conditions.