

# Accessories, Supplies & Commodities

Compressors, Chillers, Condensers  
 Motors  
 Electrical  
 Heating Components  
 Indoor Air Quality  
 Thermostats  
 Oils & Chemicals  
 Accessories, Supplies & Commodities  
 Tools & Instruments  
 Refrigeration

## CHILLER VARIABLE FREQUENCY DRIVES

ABB drives for HVAC applications  
 ACH550, 1 to 550 Hp



The ACH550 is an adjustable frequency AC drive designed for the HVAC market that achieves the ultimate in flexible motor control performance. The ACH550 drive features a full graphic display panel with separate start-up, maintenance and diagnostic assistants that simplify all functions of drive operation. Standard built-in functions like the 5% swinging choke reduces harmonics and EMI/RFI filters eliminates the need for external filtering.

The ACH550 with its advanced control panel functions and keypad features make this drive suitable for a wide range of HVAC applications from 1 – 550 HP.

208/240 V

PART NO	HP	AMPS	FRAME SIZE
ACH550-UH-04A6-2	1	4.6	R1
ACH550-UH-06A6-2	1.5	6.6	R1
ACH550-UH-07A5-2	2	7.5	R1
ACH550-UH-012A-2	3	11.8	R1
ACH550-UH-017A-2	5	16.7	R1
ACH550-UH-024A-2	7.5	24.2	R2
ACH550-UH-031A-2	10	30.8	R2
ACH550-UH-046A-2	15	46.2	R3
ACH550-UH-059A-2	20	59.4	R3
ACH550-UH-075A-2	25	74.8	R4
ACH550-UH-088A-2	30	88	R4
ACH550-UH-114A-2	40	114	R4
ACH550-UH-143A-2	50	143	R6
ACH550-UH-178A-2	60	178	R6
ACH550-UH-221A-2	75	221	R6
ACH550-UH-248A-2	100	248	R6

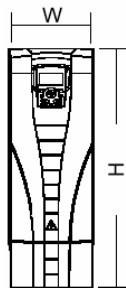
\* Contact RCD Commercial Marketing for part numbers for NEMA 12, NEMA 3R, and Base NEMA 1 Drives with bypass.

380/480 V

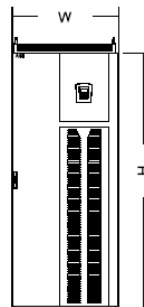
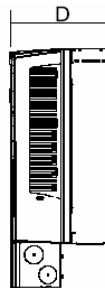
PART NO	HP	AMPS	FRAME SIZE
ACH550-UH-03A3-4	1	3.3	R1
ACH550-UH-03A3-4	1.5	3.3	R1
ACH550-UH-04A1-4	2	4.1	R1
ACH550-UH-06A9-4	3	6.9	R1
ACH550-UH-08A8-4	5	8.8	R1
ACH550-UH-012A-4	7.5	11.9	R1
ACH550-UH-015A-4	10	15.4	R2
ACH550-UH-023A-4	15	23	R2
ACH550-UH-031A-4	20	31	R3
ACH550-UH-038A-4	25	38	R3
ACH550-UH-045-4	30	44	R4
ACH550-UH-059A-4	40	59	R4
ACH550-UH-072A-4	50	72	R4
ACH550-UH-078A-4	60	77	R5
ACH550-UH-097-4	75	96	R5
ACH550-UH-125-4	100	124	R6
ACH550-UH-157A-4	125	157	R6
ACH550-UH-180A-4	150	180	R6
ACH550-UH-245A-4	200	245	R7
ACH550-UH-316A-4	250	316	R8
ACH550-UH-368A-4	300	368	R8
ACH550-UH-414A-4	350	414	R8
ACH550-UH-486A-4	400	486	R8
ACH550-UH-526A-4	450	526	R8
ACH550-UH-602A-4	500	602	R8
ACH550-UH-645A-4	550	645	R8

500/600 V

PART NO	HP	AMPS	FRAME SIZE
ACH550-UH-02A7-6	2	2.7	R2
ACH550-UH-03A9-6	3	3.9	R2
ACH550-UH-06A1-6	5	6.1	R2
ACH550-UH-09A0-6	7.5	9	R2
ACH550-UH-011A-6	10	11	R2
ACH550-UH-017A-6	15	17	R2
ACH550-UH-022A-6	20	22	R3
ACH550-UH-027A-6	25	27	R3
ACH550-UH-032A-6	30	32	R4
ACH550-UH-041A-6	40	41	R4
ACH550-UH-052A-6	50	52	R4
ACH550-UH-062A-6	60	62	R4
ACH550-UH-077A-6	75	77	R6
ACH550-UH-099A-6	100	99	R6
ACH550-UH-125A-6	125	125	R6
ACH550-UH-144A-6	150	144	R6



Wall Mount (R1-R6)



Floor Mount (R7-R8)

	R1		R2		R3		R4		R5		R6		R7		R8	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
H	369	14.5	469	18.5	583	23	689	27.1	736	29	880	34.6	2065	81.3	2065	81.3
W	125	4.9	125	4.9	203	8	203	8	265	10.4	300	11.8	806	31.7	806	31.7
D	212	8.3	222	8.7	231	9.1	262	10.3	268	11.3	400	15.8	659	25.9	659	25.9
	Kg	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs
Weight	6.5	14.3	9	19.8	16	35	24	53	34	75	69	152	224	490	354	776