



ACH550-01/02

The introduction of a dedicated ABB drive for HVAC marks a significant milestone in AC Drives. Macros for the most common applications are built into the new drive as standard. selecting the application takes only seconds. The rest of the start-up is intuitive, with a user interface as simple to use as a mobile phone.

The Drive is programmed with several HVAC applications, including supply and return fans, cooling tower fans, booster pumps and condensers. The intelligence within the HVAC control panel means that the user is given direct and understandable instructions in clear text at all times.



400V

Rating		IP21		IP54	
kW	Amps	Part No.	Price Each	Part No.	Price Each
0.75	2.2	ACH550-01-02A4-4	£ 370.00	ACH550-01-02A4-4+B055	£450.00
1.1	3.3	ACH550-01-03A3-4	£ 400.00	ACH550-01-03A3-4+B055	£460.00
1.5	4.1	ACH550-01-04A1-4	£ 460.00	ACH550-01-04A1-4+B055	£520.00
2.2	5.4	ACH550-01-05A4-4	£ 490.00	ACH550-01-05A4-4+B055	£590.00
3	6.9	ACH550-01-06A9-4	£ 530.00	ACH550-01-06A9-4+B055	£640.00
4	8.8	ACH550-01-08A8-4	£ 600.00	ACH550-01-08A8-4+B055	£740.00
5.5	11.9	ACH550-01-012A-4	£ 700.00	ACH550-01-012A-4+B055	£800.00
7.5	15.4	ACH550-01-015A-4	£ 830.00	ACH550-01-015A-4+B055	£870.00
11	23	ACH550-01-023A-4	£1,020.00	ACH550-01-023A-4+B055	£1,160.00
15	31	ACH550-01-031A-4	£1,320.00	ACH550-01-031A-4+B055	£1,470.00
18.5	38	ACH550-01-038A-4	£1,500.00	ACH550-01-038A-4+B055	£1,650.00
22	44	ACH550-01-045A-4	£1,710.00	ACH550-01-045A-4+B055	£1,960.00
30	59	ACH550-01-059A-4	£2,040.00	ACH550-01-059A-4+B055	£2,340.00
37	72	ACH550-01-072A-4	£2,320.00	ACH550-01-072A-4+B055	£2,630.00
45	87	ACH550-01-087A-4	£2,930.00	ACH550-01-087A-4+B055	£3,220.00
55	125	ACH550-01-125A-4	£3,960.00	ACH550-01-125A-4+B055	£4,590.00
75	157	ACH550-01-157A-4	£4,920.00	ACH550-01-157A-4+B055	£5,750.00
90	180	ACH550-01-180A-4	£5,960.00	ACH550-01-180A-4+B055	£6,760.00
110	194	ACH550-01-195A-4	£6,750.00	ACH550-01-195A-4+B055	£7,460.00
132	245	ACH550-02-245A-4	£10,000.00	-	-
160	289	ACH550-02-289A-4	£11,760.00	-	-
200	368	ACH550-02-368A-4	£14,190.00	-	-
250	486	ACH550-02-486A-4	£16,260.00	-	-
280	526	ACH550-02-526A-4	£18,090.00	-	-
315	602	ACH550-02-602A-4	£19,810.00	-	-
355	645	ACH550-02-645A-4	£22,330.00	-	-

Accessories

Description	Part No.	Price Each	
Control Panels	ACH 550 HVAC Control Panel	64738984 £128.00	
	ACS/H-CP Panel Extension Cable Kit 3m	68294673 £18.00	
	ACS/H-CP Panel Extension Cable Kit IP66 3m	68829593 £26.00	
DeviceNet Adaptor	(sold separately)	K451 £206.00	
	(sold separately)	64606891 £215.00	
	(sold separately)	K452 £199.00	
LONWorks Adaptor	(sold separately)	64606883 £209.00	
	(sold separately)	K454 £199.00	
	(sold separately)	64606859 £209.00	
Communication Gateways	CANOpen Adaptor (sold separately only from Helsinki)	64606905 £209.00	
	Control Net Adaptor (sold separately)	64751701 £440.00	
	Ethernet adaptor (sold separately)	64751727 £264.00	
	ABC-PDP Profibus fieldbus module	64669222 £645.00	
	ABC-DEV DeviceNet fieldbus module	64669231 £557.00	
	Extension modules	ACS 550 Relay Output Extension (sold separately)	L511 £57.00
		(sold separately)	3AUA0000000234 £57.00
EMC-Filters	ACS550 R1, EMC filter, max cable length 100 m	63998702 £115.00	
	ACS550 R2, EMC filter, max cable length 100 m	63998711 £141.00	
	ACS550 R3, EMC filter, max cable length 100 m	64058401 £165.00	
	ACS550 R4, EMC filter, max cable length 100 m	64058428 £204.00	
	ACS550 IP21 R1/2, EMC filter, max.cable length 10 m	64278118 £85.00	
Filter accessories	ACS550-IF11-3 IP54 R1 EMC filter cover, cable 9-16mm	64154842 £16.00	
	ACS550-IF11-3/IF21-3 IP54 R1/2 EMC filter cover, cable 13-20mm	64154893 £16.00	
	ACS550-IF21-3 IP54 R2 EMC filter cover, cable 18-25mm	64154907 £16.00	
	ACS550-IF11-3/IF21-3 IP54 R3 EMC filter cover, cable 13-20mm	64154915 £34.00	
	ACS550-IF31-3/IF41-3 IP54 R3/4 EMC filter cover, cable 18-25mm	64154923 £34.00	
	ACS550-IF31-3/IF41-3 IP54 R3/4 EMC filter cover, cable 25-31mm	64154931 £34.00	
	ACS550-IF41-3 IP54 R4 EMC filter cover, cable 32-38mm	64154940 £34.00	
du/dt filters	(sold separately)	61445412 £310.00	
	(sold separately)	61445439 £371.00	
	(sold separately)	61445455 £452.00	
	(sold separately)	64782126 £1,383.00	
	(sold separately)	61445421 £314.00	
	(sold separately)	61445447 £394.00	
	(sold separately)	61445463 £486.00	
	(sold separately)	64789503 £1,448.00	
	(sold separately)	68490308 £1,725.00	
	(sold separately)	68612209 £2,042.00	
Mounting Sets	(sold separately)	68550505 £3,468.00	
	Flange Mounting Kit,	R1	3AUA0000006788 £193.00
		R2	3AUA0000006789 £207.00
		R3	3AUA0000006790 £223.00
		R4	3AUA0000006791 £234.00
	IP54	R1	3AUA0000006792 £125.00
		R2	3AUA0000006793 £128.00
		R3	3AUA0000006796 £131.00
R4		3AUA0000006798 £131.00	
DriveWindow Light	DriveWindow Light 2 with cable	64532871 £97.00	
	USB-serial adaptor for DWL (sold only from Helsinki)	68583667 £62.00	



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VLT Series

The new VLT® VAC Drive is the latest series of VAC drives from Danfoss with built in intelligence.

The VLT® VAC Drive has a vast number of functions developed to meet the diverse needs of the HVAC business. It is the perfect match for pumps, fans and compressors in modern buildings that are fitted with increasingly sophisticated solutions. The VLT® VAC Drive series available in the power range 1.1 kW to 37 kW designed for all HVAC applications. An advanced drive built on HVAC dedication.

HVAC Drives FC102 - Variable Torque Applications

Rating		IP Rating	Part No.	Price Each
kW	Amps			
1.1	3	20	131B5468	£426.00
		55	131B5483	£510.00
1.5	4.1	20	131B5469	£487.00
		55	131B5484	£571.00
2.2	5.6	20	131B5470	£588.00
		55	131B5485	£671.00
3	7.2	20	131B5471	£654.00
		55	131B5486	£737.00
4	10	20	131B5472	£697.00
		55	131B5487	£781.00
5.5	13	20	131B5473	£805.00
		55	131B5488	£889.00
7.5	16	20	131B5474	£904.00
		55	131B5489	£987.00
11	24	21	131B1272	£1,166.00
		55	131B1276	£1,242.00
15	32	21	131B5475	£1,320.00
		55	131B5480	£1,407.00
18.5	37.5	21	131B5476	£1,654.00
		55	131B5481	£1,764.00
22	44	21	131B5477	£1,932.00
		55	131B5482	£2,060.00
30	61	21	131B5478	£2,249.00
		55	131B5479	£2,400.00
37	73	21	131B7006	£2,718.00
		55	131B6976	£2,849.00




SED2-Series

With integrated class B filter

All the features you would want from an advanced HVAC variable speed drive

- Integrated communication for fast and easy network integration
- LG-Ni-1000 Sensor input with autoconfiguring of field devices
- Built-in PID for fast and accurate pressure control using pumps and fans
- Low harmonics design reduces noises and interference
- Pump cascading with up to 3 pumps
- Parameter assignment matched to user needs
- Belt failure detection without an external sensor
- Essential service mode for applications requiring continuous, uninterruptible operation
- One common interface throughout all power ranges
- Optional plain text operator panel with copy and time scheduler function

IP20

Rating		IP Rating	Part No.	Price Each
kW	Amps			
0.75	2		SED2-0.75/32B	£409.00
1.1	2		SED2-1.1/32B	£596.00
1.5	2		SED2-1.5/32B	£731.00
2.2	4.2		SED2-2.2/32B	£806.00
3	4.2		SED2-3/32B	£941.00
4	4.2		SED2-4/32B	£1,054.00
5.5	6.7		SED2-5.5/32B	£1,086.00
7.5	6.7		SED2-7.5/32B	£1,199.00
11	6.7		SED2-11/32B	£1,494.00
15	6.7		SED2-15/32B	£1,967.00
18.5	17		SED2-18.5/32B	£2,602.00
22	17		SED2-22/32B	£2,763.00
30	17		SED2-30/32B	£3,230.00

IP54

Rating		IP Rating	Part No.	Price Each
kW	Amps			
1.1	11.5		SED2-1.1/35B	£661.00
1.5	11.5		SED2-1.5/35B	£785.00
2.2	11.5		SED2-2.2/35B	£882.00
3	11.5		SED2-3/35B	£1,037.00
4	11.5		SED2-4/35B	£1,091.00
5.5	21		SED2-5.5/35B	£1,193.00
7.5	21		SED2-7.5/35B	£1,279.00
11	21		SED2-11/35B	£1,720.00
15	21		SED2-15/35B	£2,268.00
18.5	35		SED2-18.5/35B	£2,784.00
22	35		SED2-22/35B	£3,225.00
30	35		SED2-30/35B	£3,709.00