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INVERTERS

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Variable Speed Drives for Fans & Pumps	
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HVAC Inverter Drives

- Variable torque
- HVAC type for fan and pump control
- IP21 suitable for panel mounting
- IP55 suitable for boiler house mounting

LL-CC Series

Rating		IP21	IP55
kW	Amps	Part No.	Part No.
0.75	2.6	ACH580-01-02A7-4	ACH580-01-02A7-4+B056
1.1	3.3	ACH580-01-03A4-4	ACH580-01-03A4-4+B056
1.5	4	ACH580-01-04A1-4	ACH580-01-04A1-4+B056
2.2	5.6	ACH580-01-05A7-4	ACH580-01-05A7-4+B056
3	7.2	ACH580-01-07A3-4	ACH580-01-07A3-4+B056
4	9.4	ACH580-01-09A5-4	ACH580-01-09A5-4+B056
5.5	12.6	ACH580-01-12A7-4	ACH580-01-12A7-4+B056
7.5	17	ACH580-01-018A-4	ACH580-01-018A-4+B056
11	25	ACH580-01-026A-4	ACH580-01-026A-4+B056
15	32	ACH580-01-033A-4	ACH580-01-033A-4+B056
18.5	38	ACH580-01-039A-4	ACH580-01-039A-4+B056
22	45	ACH580-01-046A-4	ACH580-01-046A-4+B056
30	62	ACH580-01-062A-4	ACH580-01-062A-4+B056
37	73	ACH580-01-073A-4	ACH580-01-073A-4+B056
45	88	ACH580-01-088A-4	ACH580-01-088A-4+B056
55	106	ACH580-01-106A-4	ACH580-01-106A-4+B056
75	145	ACH580-01-145A-4	ACH580-01-145A-4+B056
90	169	ACH580-01-169A-4	ACH580-01-169A-4+B056
110	206	ACH580-01-206A-4	ACH580-01-206A-4+B056
132	246	ACH580-01-246A-4	ACH580-01-246A-4+B056
160	293	ACH580-01-293A-4	ACH580-01-293A-4+B056
200	363	ACH580-01-363A-4	ACH580-01-363A-4+B056
250	430	ACH580-01-430A-4	ACH580-01-430A-4+B056

Control Panel & Accessories

Description	Part No.
ACH-AP-H ACH-AP-H control panel	3AXD50000004398
DPMP-01 Control panel door mounting kit (flush mounting).	3AUA0000108878
DPMP-02 Control panel mounting platform (surface)	3AXD50000009374
DPMP-EXT IP66 Door mounting kit for the panel (for one drive, contains panel Bus Adapter)	3AXD50000010763
CDPI-01 Panel Bus adapter	3AXD50000004419



HVAC Inverter Drives

Danfoss VLT® HVAC Drive is dedicated to ventilation, heating, and refrigeration applications. With a wide range of powerful standard and optional features, the VLT® HVAC Drive provides the lowest overall cost of ownership.

VLT Series - IP54

Rating		IP54	IP66
kW	Amps	Part No.	Part No.
1.1	3	131N9572	131B9296
1.5	4.1	131U0963	131B8922
2.2	5.6	131U0964	131B9297
3	7.2	131U0965	131B9298
4	10	131U0966	131B9299
5.5	13	131L9238	131B9300
7.5	16	131L9239	131B9307
11	24	131L9240	131B9308
15	32	131L9241	131B9317
18.5	37.5	131L9242	131B9318

VLT Series - Backplates

Drive Type	Part No.
1.1-4kW Drives	130B3150
15.5-7.5kW Drives	130B1098
11-18.5kW Drives	130B3383
22-37kW Drives	130B3397



SIEMENS



HVAC Inverter Drives with Integrated Class B Filter

- Integrated communication for fast and easy network integration
- LG-Ni-1000 Sensor input with auto configuring of field devices
- Built-in PID for fast and accurate pressure control using pumps & 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 SED2 - Series

Rating		Part No.
kW	Amps	
0.75	2	G120P-0.75/32B
1.1	2	G120P-1.1/32B
1.5	2	G120P-1.5/32B
2.2	4.2	G120P-2.2/32B
3	4.2	G120P-3/32B
4	4.2	G120P-4/32B
5.5	6.7	G120P-5.5/32B
7.5	6.7	G120P-7.5/32B
11	6.7	G120P-11/32B
15	6.7	G120P-15/32B
18.5	17	G120P-18.5/32B
22	17	G120P-22/32B

IP54 SED2 - Series

1.1	11.5	G120P-1.1/35B
1.5	11.5	G120P-1.5/35B
2.2	11.5	G120P-2.2/35B
3	11.5	G120P-3/35B
4	11.5	G120P-4/35B
5.5	21	G120P-5.5/35B
7.5	21	G120P-7.5/35B
11	21	G120P-11/35B
15	21	G120P-15/35B
18.5	35	G120P-18.5/35B
22	35	G120P-22/35B

Schneider Electric



Altivar 212

Altivar 212 is a variable speed drive for 3-phase asynchronous motors from 0.75 kW to 75kW. Dedicated HVAC drives for 0.75 to 75kW motors.

Altivar 212 IP21 HVAC Variable Speed Drive - 400-480V AC

Power (kW)	Description	Part No.
0.75	ATV930 VSD IP21 0.75kW 400V/480V	ATV212H075N4
1.50	ATV930 VSD IP21 1.5kW 400V/480V	ATV212HU15N4
2.20	ATV930 VSD IP21 2.2kW 400V/480V	ATV212HU22N4
3.00	ATV930 VSD IP21 3kW 400V/480V	ATV212HU30N4
4.00	ATV930 VSD IP21 4kW 400V/480V	ATV212HU40N4
5.50	ATV930 VSD IP21 5.5kW 400V/480V	ATV212HU55N4
7.50	ATV930 VSD IP21 7.5kW 400V/480V	ATV212HU75N4
11	ATV930 VSD IP21 11kW 400V/480V	ATV212HD11N4
15	ATV930 VSD IP21 15kW 400V/480V	ATV212HD15N4
18.50	ATV930 VSD IP21 18.5kW 400V/480V	ATV212HD18N4
22	ATV930 VSD IP21 22kW 400V/480V	ATV212HD22N4
30	ATV930 VSD IP21 30kW 400V/480V	ATV212HD30N4
37.50	ATV930 VSD IP21 37kW 400V/480V	ATV212HD37N4
45	ATV930 VSD IP21 45kW 400V/480V	ATV212HD45N4
55	ATV930 VSD IP21 55kW 400V/480V	ATV212HD55N4
75	ATV930 VSD IP21 75kW 400V/480V	ATV212HD75N4

Altivar 212 IP55 HVAC Variable Speed Drive - 400-480V AC

0.75	ATV212 VSD IP55 0.75kW 400V/480V	ATV212W075N4
1.50	ATV212 VSD IP55 1.5kW 400V/480V	ATV212WU15N4
2.20	ATV212 VSD IP55 2.2kW 400V/480V	ATV212WU22N4
3.00	ATV212 VSD IP55 3kW 400V/480V	ATV212WU30N4
4.00	ATV212 VSD IP55 4kW 400V/480V	ATV212WU40N4
5.50	ATV212 VSD IP55 5.5kW 400V/480V	ATV212WU55N4
7.50	ATV212 VSD IP55 7.5kW 400V/480V	ATV212WU75N4
11	ATV212 VSD IP55 11kW 400V/480V	ATV212WD11N4
15	ATV212 VSD IP55 15kW 400V/480V	ATV212WD15N4
18.50	ATV212 VSD IP55 18.5kW 400V/480V	ATV212WD18N4
22	ATV212 VSD IP55 22kW 400V/480V	ATV212WD22N4
30	ATV212 VSD IP55 30kW 400V/480V	ATV212WD30N4
37.50	ATV212 VSD IP55 37kW 400V/480V	ATV212WD37N4
45	ATV212 VSD IP55 45kW 400V/480V	ATV212WD45N4
55	ATV212 VSD IP55 55kW 400V/480V	ATV212WD55N4
75	ATV212 VSD IP55 75kW 400V/480V	ATV212WD75N4