



Compact and userfriendly frequency converter to be used as starter and regulator for fans.

Used in connection with a differential pressure transmitter as constant pressure regulator to obtain constant vacuum through rotation regulation.

Gram Quickguide for PID-regulations are standard included to make it easy and quick to start.

Operation: Through digital display on converter front

Supply: 3 x 400 VAC
(380 ~ 480 VAC +/-10%)
3 phase + N + PE

Order no.	Normal operation [kW]	Max. Amp.	Type	With EMC net filter	Height	Width	Depth	Temperature [°C]	Max. freq.	Min. freq.	Protection rating standard
09 230 000	0,75	2,6	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 050	1,10	3,3	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 100	1,50	4,0	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 150	2,2	5,6	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 200	3,0	7,2	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 250	4,0	9,4	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 300	5,5	12,6	ACH580	Yes	303	125	233	-15 - +50	500	0	IP55
09 230 350	7,5	17,0	ACH580	Yes	394	125	239	-15 - +50	500	0	IP55
09 230 400	11,0	25,0	ACH580	Yes	394	125	239	-15 - +50	500	0	IP55
09 230 450	15,0	32,0	ACH580	Yes	454	203	237	-15 - +50	500	0	IP55
09 230 500	18,5	38,0	ACH580	Yes	454	203	237	-15 - +50	500	0	IP55
09 230 550	22,0	45,0	ACH580	Yes	454	203	237	-15 - +50	500	0	IP55
09 230 600	30,0	62,0	ACH580	Yes	600	203	265	-15 - +50	500	0	IP55
09 230 650	37,0	73,0	ACH580	Yes	600	203	265	-15 - +50	500	0	IP55
09 230 700	45,0	88,0	ACH580	Yes	732	203	320	-15 - +50	500	0	IP55
09 230 750	55,0	106,0	ACH580	Yes	732	203	320	-15 - +50	500	0	IP55
09 230 800	75,0	145,0	ACH580	Yes	727	252	380	-15 - +50	500	0	IP55
09 230 850	90,0	169,0	ACH580	Yes	880	284	381	-15 - +50	500	0	IP55
09 230 900	110,0	206,0	ACH580	Yes	880	284	381	-15 - +50	500	0	IP55

The frequency converter can be used for all Gram fans.