

# Altivar 312

This document gives the mean time to failure (MTTF) values of Altivar 312 variable speed drives.

Altivar 312 MTTF values are based on IEC 62380.

These MTTF values are given for an external temperature of 30°C during operation.

The fan is an aging part to replace in maintenance. Hence the fan is not taken into account in these MTTF values.

Commercial references	MTTF values for intermittent operation <sup>(1)</sup>	MTTF values for continuous operation
ATV312H018M2 ATV312H037M2 ATV312H055M2 ATV312H075M2 ATV312HU11M2 ATV312HU15M2 ATV312HU22M2	600 000 hours	400 000 hours
ATV312H018M3 ATV312H037M3 ATV312H055M3 ATV312H075M3 ATV312HU11M3 ATV312HU15M3 ATV312HU22M3	600 000 hours	400 000 hours
ATV312HU30M3 ATV312HU40M3 ATV312HU55M3 ATV312HU75M3 ATV312HD11M3 ATV312HD15M3	500 000 hours	350 000 hours
ATV312H037N4 ATV312H055N4 ATV312H075N4 ATV312HU11N4 ATV312HU15N4 ATV312HU22N4	600 000 hours	400 000 hours
ATV312HU30N4 ATV312HU40N4 ATV312HU55N4 ATV312HU75N4 ATV312HD11N4 ATV312HD15N4	500 000 hours	350 000 hours

(1) Intermittent operation is 4020 operating hours per year and 335 power on/off per year

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ATV312H075S6 ATV312HU15S6 ATV312HU22S6	600 000 hours	400 000 hours
ATV312HU30S6 ATV312HU40S6 ATV312HU55S6 ATV312HU75S6 ATV312HD11S6 ATV312HD15S6	500 000 hours	350 000 hours

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