



Specific recommendations for mounting in an enclosure

Follow the mounting recommendations described on pages 240 to 248.

To ensure proper air circulation in the drive:

- Fit ventilation grilles.
- Ensure that there is sufficient ventilation. If there is not, install a forced ventilation unit with a filter. The openings and/or fans must provide a flow rate at least equal to that of the drive fans (see page 251).
- Use special filters with IP 54 protection.
- Remove the blanking cover from the top of the drive (see page 240).

Power dissipated inside the enclosure

For drives	Dissipated power (1)	
	Mounted in the enclosure (power section inside the enclosure)	Dust and damp proof flush-mounted (power section outside the enclosure)
	W	W
Three-phase supply voltage: 200...240 V 50/60 Hz		
ATV 61H075M3	66	27
ATV 61HU15M3	101	30
ATV 61HU22M3	122	38
ATV 61HU30M3	154	38
ATV 61HU40M3	191	41
ATV 61HU55M3	293	59
ATV 61HU75M3	363	67
ATV 61HD11M3X	566	80
ATV 61HD15M3X	620	84
ATV 61HD18M3X	657	114
ATV 61HD22M3X	766	124
ATV 61HD30M3X	980	144
ATV 61HD37M3X	1154	161
ATV 61HD45M3X	1366	180
ATV 61HD55M3X	1715	154
ATV 61HD75M3X	1715	154
ATV 61HD90M3X	2204	154

Three-phase supply voltage: 380...480 V 50/60 Hz

ATV 61H075N4	44	26
ATV 61HU15N4	64	28
ATV 61HU22N4	87	30
ATV 61HU30N4	114	35
ATV 61HU40N4	144	40
ATV 61HU55N4	178	50
ATV 61HU75N4	217	55
ATV 61HD11N4	320	65
ATV 61HD15N4	392	85
ATV 61HD18N4	486	86
ATV 61HD22N4	574	110
ATV 61HD30N4	799	135
ATV 61HD37N4	861	137
ATV 61HD45N4	1060	165
ATV 61HD55N4	1210	178
ATV 61HD75N4	1720	225
ATV 61HD90N4	2065	237
ATV 61HC11N4	2514	237
ATV 61HC13N4	3179	261
ATV 61HC16N4	4036	296
ATV 61HC22N4	5482	350
ATV 61HC25N4	6379	493
ATV 61HC31N4	7867	658
ATV 61HC40N4	9598	772
ATV 61HC50N4	12055	935
ATV 61HC63N4	15007	1116

(1) This value is given for operation at nominal load and for a switching frequency of 2.5 or 4 kHz depending on the rating.
Add 7 W to this value for each additional option card.