



### Specific recommendations for mounting in an enclosure (1)

Follow the mounting recommendations described on pages 138 to 143.

To ensure proper air circulation in the drive:

- Fit ventilation grilles.
- Ensure that there is sufficient ventilation. If there is not, install forced ventilation with a filter. The openings and/or fans must provide a flow rate at least equal to that of the drive fans (see page 147)
- Use special filters with IP 54 protection.
- Remove the blanking cover from the top of the drive, see page 138.

### Power dissipated inside the enclosure (1)

For drives	Dissipated power (2)	
	Mounted in the enclosure (power section inside the enclosure)	Dust and damp proof flush- mounting (power section outside the enclosure)
	W	W
<b>3-phase supply voltage: 200...240 V 50/60 Hz</b>		
ATV 61H075M3	66	28
ATV 61HU15M3	101	30
ATV 61HU22M3	122	38
ATV 61HU30M3	154	38
ATV 61HU40M3	191	42
ATV 61HU55M3	293	52
ATV 61HU75M3	363	60
ATV 61HD11M3X	566	73
ATV 61HD15M3X	620	76
ATV 61HD18M3X	799	119
ATV 61HD22M3X	865	124
ATV 61HD30M3X	1134	151
ATV 61HD37M3X	1337	166
ATV 61HD45M3X	1567	184
ATV 61HD55M3X	1715	154
ATV 61HD75M3X	2233	154
ATV 61HD90M3X	2664	154
<b>3-phase supply voltage: 380...480 V 50/60 Hz</b>		
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	56
ATV 61HD11N4	320	65
ATV 61HD15N4	392	86
ATV 61HD18N4	486	86
ATV 61HD22N4	717	110
ATV 61HD30N4	976	135
ATV 61HD37N4	1174	137
ATV 61HD45N4	1360	165
ATV 61HD55N4	1559	178
ATV 61HD75N4	2326	225
ATV 61HD90N4	2403	237
ATV 61HC11N4	3056	269
ATV 61HC13N4	3583	304
ATV 61HC16N4	4036	362
ATV 61HC22N4	5482	452
ATV 61HC25N4	6379	606
ATV 61HC31N4	7867	769
ATV 61HC40N4	9598	–
ATV 61HC50N4	12055	–
ATV 61HC63N4	15007	–

(1) Only for ATV 61HxxxM3, ATV 61HxxxM3X and ATV 61HxxxN4 drives.

(2) 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.