

Variable speed drives

Altivar Process ATV900

Three-phase supply voltage: 200...240 V 50/60 Hz

Wall-mounting drives



ATV930D11M3



ATV930D15M3



ATV930D30M3

200...240 V (-15...10%) IP21/UL Type 1 drives - Wall mounting with braking unit											
Motor			Line supply				Altivar Process				
Power indicated on rating plate (1)			Line current (2)		Apparent power	Prospective line Isc	Maximum continuous current (1)	Maximum transient current for 60 s	Reference (3)	Weight	
			200 V	240 V							
ND:	Normal duty (4)										
HD:	Heavy duty (5)										
	kW	HP	A	A	kVA	kA	A	A		kg/lb	
Without EMC filter (3)											
ND	0.75	1	3	2.6	1.1	50	4.6	5.5	ATV930U07M3	4.300/9.480	
HD	0.37	0.5	1.7	1.5	0.6	50	3.3	5			
ND	1.5	2	5.9	5	2.1	50	8	9.6	ATV930U15M3	4.300/9.480	
HD	0.75	1	3.3	3	1.2	50	4.6	6.9			
ND	2.2	3	8.4	7.2	3	50	11.2	13.4	ATV930U22M3	4.500/9.921	
HD	1.5	2	6	5.3	2.2	50	8	12			
ND	3	—	11.5	9.9	4.1	50	13.7	16.4	ATV930U30M3	4.500/9.921	
HD	2.2	3	8.7	7.6	3.2	50	11.2	16.8			
ND	4	5	15.1	12.9	5.4	50	18.7	22.4	ATV930U40M3	4.600/10.141	
HD	3	—	11.7	10.2	4.2	50	13.7	20.6			
ND	5.5	7.5	20.2	17.1	7.1	50	25.4	30.5	ATV930U55M3	7.700/16.976	
HD	4	5	15.1	13	5.4	50	18.7	28.1			
ND	7.5	10	27.1	22.6	9.4	50	32.7	39.2	ATV930U75M3	13.800/30.424	
HD	5.5	7.5	20.1	16.9	7	50	25.4	38.1			
ND	11	15	39.3	32.9	13.7	50	46.8	56.2	ATV930D11M3	13.800/30.424	
HD	7.5	10	27.2	23.1	9.6	50	32.7	49.1			
ND	15	20	52.6	45.5	18.9	50	63.4	76.1	ATV930D15M3	27.300/60.186	
HD	11	15	40.1	34.3	14.3	50	46.8	70.2			
ND	18.5	25	66.7	54.5	22.7	50	78.4	94.1	ATV930D18M3	27.300/60.186	
HD	15	20	53.1	44.9	18.7	50	63.4	95.1			
ND	22	30	76.0	64.3	26.7	50	92.6	111.1	ATV930D22M3	27.300/60.186	
HD	18.5	25	64.8	54.5	22.7	50	78.4	117.6			
ND	30	40	104.7	88.6	36.8	50	123	147.6	ATV930D30M3	57.600/126.986	
HD	22	30	78.3	67.1	27.9	50	92.6	138.9			
ND	37	50	128.0	107.8	44.8	50	149	178.8	ATV930D37M3	57.600/126.986	
HD	30	40	104.7	88.6	36.8	50	123	184.5			
ND	45	60	155.1	130.4	54.2	50	176	211.2	ATV930D45M3	57.600/126.986	
HD	37	50	128.5	108.5	45.1	50	149	223.5			

200...240 V (-15...10%) IP21/UL Type 1 drives - Wall mounting without braking unit										
Motor			Line supply				Altivar Process			
Power indicated on rating plate (1)			Line current (2)		Apparent power	Prospective line Isc	Maximum continuous current (1)	Maximum transient current for 60 s	Reference (3)	Weight
			200 V	240 V						
ND:	Normal duty (4)									
HD:	Heavy duty (5)									
	kW	HP	A	A	kVA	kA	A	A		kg/lb
Without EMC filter (3)										
ND	30	40	104.7	88.6	36.8	50	123	147.6	ATV930D30M3C	56.600/
HD	22	30	78.3	67.1	27.9	50	92.6	138.9		124.782
ND	37	50	128.0	107.6	44.8	50	149	178.8	ATV930D37M3C	56.600/
HD	30	40	104.7	88.6	36.8	50	123	184.5		124.782
ND	45	60	155.1	130.4	54.2	50	175	211.2	ATV930D45M3C	56.600/
HD	37	50	128.5	108.5	45.1	50	149	223.5		124.782
ND	55	75	189	161	61.1	50	211	253.2	ATV930D55M3C	82.000/
HD	45	60	156	134	50	50	176	264	(6)	180.779
ND	75	100	256	215	83.7	50	282	338.4	ATV930D75M3C	82.000/
HD	55	75	189	161	61.1	50	211	316.5	(6)	180.779

(1) These values are given for a nominal switching frequency of 4 kHz up to **ATV930D22M3** or 2.5 kHz for **ATV930D30M3...D45M3** and **ATV930D30M3C...D75M3C** drives, for use in continuous operation. The switching frequency is adjustable. Above 2.5 or 4 kHz (depending on the rating), the drive will automatically reduce the switching frequency in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current (see derating curves in the [Installation Manual](#)).

(2) Typical value for the indicated motor power and for the prospective line Isc.

(3) Altivar Process **ATV930...M3** drives have been designed without an EMC filter. An additional filter can be added to help meet more stringent requirements and reduce electromagnetic emissions.

(4) Values given for applications requiring a slight overload (up to 120%).

(5) Values given for applications requiring a significant overload (up to 150%).

(6) The power section is accessible at the bottom of the drive. Product supplied as IP00 for mounting in an enclosure. For IP21 wall mounting, order the IP21/UL Type 1 conformity kit **VW3A9704** separately (see [page 2/13](#)).

Note: Consult the summary tables of possible drive, option, and accessory combinations (see [page 2/18](#)).