

Power Dissipated For Enclosed Drives and Required Air Flow

Catalog Number	Frame Size	Power Dissipated (1)			Minimum air flow rate required per hour	
		Forced Cooled Area	Natural Cooled Area	Total		
		(W)	(W)	(W)	(m ³)	(yd ³)
ATV630U07M3	1	28	27	55	38	50
ATV630U15M3	1	53	29	82	38	50
ATV630U22M3	1	74	32	105	38	50
ATV630U30M3	1	104	34	137	38	50
ATV630U40M3	1	141	38	179	38	50
ATV630U07N4	1	21	26	47	38	50
ATV630U15N4	1	41	28	69	38	50
ATV630U22N4	1	60	30	90	38	50
ATV630U30N4	1	78	31	109	38	50
ATV630U40N4	1	97	33	130	38	50
ATV630U55N4	1	145	36	182	38	50
ATV630U55M3	2	179	47	226	103	135
ATV630U75N4	2	172	44	216	103	135
ATV630D11N4	2	255	51	306	103	135
ATV630U75M3	3	254	53	307	103	135
ATV630D11M3	3	452	62	514	215	281
ATV630D15N4	3	366	59	425	215	281
ATV630D18N4	3	460	67	527	215	281
ATV630D22N4	3	505	68	573	215	281
ATV630D15M3	4	486	87	573	240	314
ATV630D18M3	4	595	97	691	240	314
ATV630D22M3	4	707	107	813	240	314
ATV630D30N4	4	640	93	733	240	314
ATV630D37N4	4	796	106	902	240	314
ATV630D45N4	4	943	121	1064	240	314
ATV630D30M3	5	862	129	992	295	386
ATV630D37M3	5	1141	156	1297	295	386
ATV630D45M3	5	1367	175	1542	295	386
ATV630D55N4	5	917	131	1048	295	386
ATV630D75N4	5	1369	174	1543	295	386
ATV630D90N4	5	1585	196	1781	295	386
ATV630D55M3	6	1820	200	2020	600	785
ATV630D75M3	6	2660	240	2900	600	785
ATV630C11N4	6	2060	230	2290	600	785
ATV630C13N4	6	2620	260	2880	600	785
ATV630C16N4	6	3410	300	3710	600	785
(1) First value is the power dissipated at nominal current in the forced cooled area of the drive. The second value is the power dissipated at nominal current in the natural cooled area, value used in case of installation using the flush-mounting kit, separate hot and control part in a cabinet. If the drive is installed in a standard cabinet, the sum of both values is to be taken into account.						