

PureAir Technical Data

FIXED SPEED MACHINES, 50 & 60 HZ

MODEL	COOLING METHOD	DRIVE MOTOR		NOMINAL PRESSURE		FAD*				NOISE LEVEL**	WEIGHT				DIMENSIONS L x W x H IN. (MM)
		HP	KW	PSIG	BARG	60 HZ		50 HZ			60 HZ	50 HZ	60 HZ	50 HZ	
						ACFM	M ³ /MIN	ACFM	M ³ /MIN						
T90	Air	125	90	100 125 150	6.9 8.6 10.3	631 597 530	17.9 16.9 15.0	614 582 517	17.4 16.5 14.6	78	7939	3601	8139	3692	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	125	90	100 125 150	6.9 8.6 10.3	639 605 539	18.1 17.1 15.3	622 590 525	17.6 16.7 14.9	75	7648	3469	7848	3560	
T110	Air	150	110	100 125 150	6.9 8.6 10.3	749 713 645	21.2 20.2 18.3	742 708 643	21.0 20.0 18.2	78	8051	3652	8662	3929	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	150	110	100 125 150	6.9 8.6 10.3	756 721 653	21.4 20.4 18.5	750 716 651	21.2 20.3 18.4	75	7760	3520	8371	3797	
T132	Air	175	132	100 125 150	6.9 8.6 10.3	856 819 750	24.2 23.2 21.2	872 837 768	24.7 23.7 21.7	78	8192	3716	9222	4183	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	175	132	100 125 150	6.9 8.6 10.3	864 826 758	24.5 23.4 21.5	880 844 776	24.9 23.9 22.0	75	7901	3584	8931	4051	
T160	Air	215	160	100 125 150	6.9 8.6 10.3	955 919 855	27.0 26.0 24.2	993 983 915	28.1 27.8 25.9	78	8402	3811	9226	4185	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	215	160	100 125 150	6.9 8.6 10.3	962 926 863	27.2 26.2 24.4	1000 990 922	28.3 28.0 26.1	75	8111	3679	8935	4053	
T185	Air	250	185	100 125 150	6.9 8.6 10.3	1265 1141 1000	35.4 31.9 28.0	NA NA NA	NA NA NA	80	11671	5294	NA NA NA	NA NA NA	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	250	185	100 125 150	6.9 8.6 10.3	1281 1158 1018	35.9 32.4 28.5	NA NA NA	NA NA NA	76	10146	4602	NA NA NA	NA NA NA	
T220	Air	300	220	100 125 150	6.9 8.6 10.3	1485 1370 1257	41.6 38.4 35.2	NA NA NA	NA NA NA	80	11682	5299	NA NA NA	NA NA NA	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	300	220	100 125 150	6.9 8.6 10.3	1502 1387 1274	42.1 38.8 35.7	NA NA NA	NA NA NA	76	10157	4607	NA NA NA	NA NA NA	
T260	Air	350	260	100 125 150	6.9 8.6 10.3	1601 1560 1442	44.8 43.7 40.4	NA NA NA	NA NA NA	80	12189	5529	NA NA NA	NA NA NA	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	350	260	100 125 150	6.9 8.6 10.3	1617 1577 1459	45.3 44.2 40.9	NA NA NA	NA NA NA	76	10664	4837	NA NA NA	NA NA NA	
T300	Air	400	300	100 125 150	6.9 8.6 10.3	1840 1777 1598	51.5 49.8 44.7	NA NA NA	NA NA NA	80	12520	5679	NA NA NA	NA NA NA	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	400	300	100 125 150	6.9 8.6 10.3	1856 1794 1614	52.0 50.2 45.2	NA NA NA	NA NA NA	76	10994	4987	NA NA NA	NA NA NA	
T355	Water	450	355	125 150	8.6 10.3	1916 1803	53.6 50.5	NA NA	NA NA	76	12218	5542	NA NA	NA NA	137 x 85 x 97 (3457 x 2152 x 2446)

* Data measured and stated in accordance with ISO1217 4th Edition Annex C and E at the following conditions:
Air Intake Pressure: 1 bar a/14.5 psi, Air Intake Temperature: 20°C/68°F, Humidity: 0% (dry)

**Measured in free field conditions in accordance with the ISO 2151, tolerance ±3 dB(A)

VARIABLE SPEED MACHINES, 50* & 60 HZ

MODEL	COOLING METHOD	DRIVE MOTOR		NOMINAL PRESSURE		FAD** 50/60 HZ		NOISE LEVEL*** DB(A)	WEIGHT 50/60 HZ		DIMENSIONS L x W x H IN. (MM)
		HP	KW	PSIG	BARG	ACFM	M ³ /MIN		LBS	KG	
TVS90	Air	125	90	100 125 150	6.9 8.6 10.3	626 564 517	17.7 16.0 14.6	64-78	7185	3259	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	125	90	100 125 150	6.9 8.6 10.3	626 564 517	17.7 16.0 14.6				
TVS110	Air	150	110	100 125 150	6.9 8.6 10.3	685 683 639	19.4 19.3 18.1	64-78	7185	3259	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	150	110	100 125 150	6.9 8.6 10.3	685 684 639	19.4 19.4 18.1				
TVS132	Air	175	132	100 125 150	6.9 8.6 10.3	879 814 772	24.9 23.0 21.9	64-78	8067	3659	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	175	132	100 125 150	6.9 8.6 10.3	879 814 772	24.9 23.0 21.9				
TVS160	Air	215	160	100 125 150	6.9 8.6 10.3	899 897 837	25.5 25.4 23.7	64-78	8067	3659	107 x 72 x 87 (2712 x 1825 x 2200)
	Water	215	160	100 125 150	6.9 8.6 10.3	900 897 836	25.5 25.4 23.7				
TVS200	Air	268	200	100 125 150	6.9 8.6 10.3	1230 1121 1016	34.4 31.4 28.4	64-80	12531	5684	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	268	200	100 125 150	6.9 8.6 10.3	1253 1178 1073	35.1 33.0 30.0				
TVS250	Air	335	250	100 125 150	6.9 8.6 10.3	1493 1386 1282	41.8 38.8 35.9	64-80	12884	5844	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	335	250	100 125 150	6.9 8.6 10.3	1527 1451 1346	42.8 40.6 37.7				
TVS315	Air	422	315	100 125 150	6.9 8.6 10.3	1778 1674 1570	49.8 46.9 44.0	64-80	13997	6349	137 x 85 x 97 (3457 x 2152 x 2446)
	Water	422	315	100 125 150	6.9 8.6 10.3	1809 1744 1639	50.7 48.8 45.9				
TVS355	Water	476	355	100 125 150	6.9 8.6 10.3	1809 1807 1796	50.7 50.6 50.3	62-76	12504	5672	137 x 85 x 97 (3457 x 2152 x 2446)

* 50 Hz only applies to TVS90-TVSI60 models.

** Data measured and stated in accordance with ISO1217 4th Edition Annex C and E at the following conditions:
Air Intake Pressure: 1 bar a/14.5 psi, Air Intake Temperature: 20°C/68°F, Humidity: 0% (dry)

***Measured in free field conditions in accordance with the ISO 2151, tolerance ±3 dB(A)