

Technical specifications

ZT 90-160 (FF)

TYPE	Working pressure (1)		Free Air Delivery (2)			Installed motor power kW / hp	Noise level (3) dB(A)	Weight			
	bar(e)	psig	l/s	m³/min	cfm			Pack		Full Feature (iMD)	
								kg	lb	kg	lb
50 Hz											
ZT 90 - 7.5	7.5	100	236	14.2	500						
ZT 90 - 8.6	8.6	125	223	13.4	473	90 / 120	79	3850	8500	4250	9400
ZT 90 - 10	10	145	211	12.7	447						
ZT 110 - 7.5	7.5	100	314	18.8	664						
ZT 110 - 8.6	8.6	125	293	17.6	621	110 / 150	79	3850	8500	4250	9400
ZT 110 - 10	10	145	273	16.4	579						
ZT 132 - 7.5	7.5	100	358	21.5	758						
ZT 132 - 8.6	8.6	125	334	20.0	707	132 / 175	79	3850	8500	4250	9400
ZT 132 - 10	10	145	310	18.6	656						
ZT 145 - 7.5	7.5	100	387	23.2	820						
ZT 145 - 8.6	8.6	125	359	21.5	760	145 / 200	79	3850	8500	4250	9400
ZT 145 - 10	10	145	346	20.7	732						
ZT 160 - 7.5	7.5	100	428	25.7	906						
ZT 160 - 8.6	8.6	125	412	24.7	873	160 / 215	79	3850	8500	4250	9400
ZT 160 - 10	10	145	393	23.6	833						
60 Hz											
ZT 90 - 8.6	8.6	125	236	14.2	500	90 / 120	79	3850	8500	4250	9400
ZT 90 - 10.4	10.4	150	227	13.6	481						
ZT 110 - 8.6	8.6	125	323	19.4	683						
ZT 110 - 10.4	10.4	150	303	18.2	643	110 / 150	79	3850	8500	4250	9400
ZT 145 - 8.6	8.6	125	389	23.3	824						
ZT 145 - 10.4	10.4	150	352	21.1	746	145 / 200	79	3850	8500	4250	9400
ZT 160 - 8.6	8.6	125	419	25.1	887						
ZT 160 - 10.4	10.4	150	390	23.4	827	160 / 215	79	3850	8500	4250	9400

(1) For the FF variant, please consult Atlas Copco.

(2) Unit performance measured according to ISO 1217, Annex C, Edition 4 (2009) Reference conditions:

- Relative humidity 0%.
- Absolute inlet pressure 1 bar (14.5 psi).
- Intake air temperature 20°C (68°F).

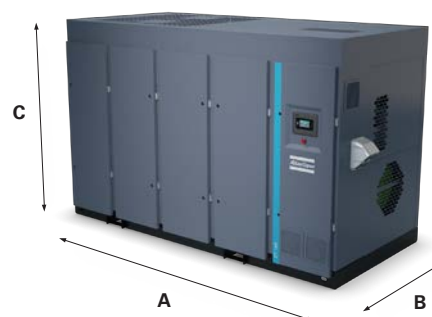
Free Air Delivery (FAD) is measured at the following working pressures:

- 7.5 / 8.6 bar version at 7 bar.
- 10.4 bar version at 9 bar.

(3) A-weighted emission sound pressure level at the work station (LpWSAd).

Measured according to ISO 2151: 2008 using ISO 9614-2 (sound intensity scanning method). The added correction factor (+/- 3 dB(A)) is the total uncertainty value (KpAd) conform with the test code.

TYPE	A (Length)		B (Width)		C (Height)	
	mm	inch	mm	inch	mm	inch
ZT 90 - 160	3400	135	1650	65	2150	85
ZT 90 - 160 FF (iMD)	4085	160	1650	65	2150	85



Technical specifications

ZT 90-160 VSD (FF)

TYPE	Working pressure (1)			Free Air Delivery (2)								Installed motor power	Noise level (3)	Weight				
		bar(e)	psig	l/s		m ³ /min		cfm		kW / hp				Pack		Full Feature (iMD)		
														kg	lb	kg	lb	
ZT 90 VSD - 8.6	Minimum	4	60	100	-	252	6.0	-	15.1	212	-	534	90 / 120	79	3850	8500	4250	9400
	Effective	7	100	100	-	252	6.0	-	15.1	212	-	534						
	Maximum	8.6	125	100	-	235	6.0	-	14.1	212	-	498						
ZT 90 VSD - 10.4	Minimum	6	90	165	-	232	9.9	-	13.9	350	-	492	90 / 120	79	3850	8500	4250	9400
	Effective	9	130	165	-	232	9.9	-	13.9	350	-	492						
	Maximum	10.4	150	191	-	217	11.5	-	13.0	405	-	460						
ZT 110 VSD - 8.6	Minimum	4	60	100	-	295	6.0	-	17.7	212	-	625	110 / 150	79	3850	8500	4250	9400
	Effective	7	100	100	-	295	6.0	-	17.7	212	-	625						
	Maximum	8.6	125	100	-	273	6.0	-	16.4	212	-	579						
ZT 110 VSD - 10.4	Minimum	6	90	165	-	267	9.9	-	16.0	350	-	566	110 / 150	79	3850	8500	4250	9400
	Effective	9	130	165	-	267	9.9	-	16.0	350	-	566						
	Maximum	10.4	150	191	-	255	11.5	-	15.3	405	-	540						
ZT 132 VSD - 8.6	Minimum	4	60	125	-	357	7.5	-	21.4	265	-	757	132 / 175	79	3850	8500	4250	9400
	Effective	7	100	125	-	357	7.5	-	21.4	265	-	756						
	Maximum	8.6	125	125	-	336	7.5	-	20.2	265	-	712						
ZT 132 VSD - 10.4	Minimum	6	90	165	-	331	9.9	-	19.9	350	-	702	132 / 175	79	3850	8500	4250	9400
	Effective	9	130	165	-	331	9.9	-	19.9	350	-	701						
	Maximum	10.4	150	191	-	316	11.5	-	19.0	405	-	670						
ZT 160 VSD - 8.6	Minimum	4	60	144	-	410	8.6	-	24.6	305	-	870	160 / 215	79	3850	8500	4250	9400
	Effective	7	100	144	-	410	8.6	-	24.6	305	-	869						
	Maximum	8.6	125	144	-	385	8.6	-	23.1	305	-	816						
ZT 160 VSD - 10.4	Minimum	6	90	165	-	378	9.9	-	22.7	350	-	802	160 / 215	79	3850	8500	4250	9400
	Effective	9	130	165	-	378	9.9	-	22.7	350	-	801						
	Maximum	10.4	150	191	-	361	11.5	-	21.7	405	-	765						

(1) For the FF variant, please consult Atlas Copco.

(2) Unit performance measured according to ISO 1217, Annex C & E, Edition 4 (2009)
Reference conditions:

- Absolute inlet pressure 1 bar (14.5 psi)

- Intake air temperature 20°C (68°F)

Free Air Delivery (FAD) is measured at maximum working pressure.

(3) A-weighted emission sound pressure level at the work station (LpWSAd).

Measured according to ISO 2151: 2008 using ISO 9614-2 (sound intensity scanning method).

The added correction factor (+/- 3 dB(A)) is the total uncertainty value (KpAd) conform with the test code.

TYPE	A (Length)		B (Width)		C (Height)	
	mm	inch	mm	inch	mm	inch
ZT 90 - 160	3400	135	1650	65	2150	85
ZT 90 - 160 FF (iMD)	4085	160	1650	65	2150	85

