

Technical specifications

Data of the ZR/ZT 75-160 VSD+ (FF) range

ZR 75-160 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	Pack		Full Feature (iMD)		Full Feature (iMDG)	
						kg	lb		kg	lb	kg	lb		
ZR 75 VSD+ 10.4	Minimum	4	60	78.2-243	4.7-14.6	166-514	75/100	66	2500	5500	-	-	3700	8200
	Effective	7	100	78.8-230	4.7-13.8	167-487								
	Maximum	10.4	150	77.6-185	4.7-11.1	164-392								
ZR 90 VSD+ - 10.4	Minimum	4	60	78.2-298	4.7-17.9	166-632	90/120	66	2500	5500	3400	7500	3700	8200
	Effective	7	100	78.8-284	4.7-17.0	167-602								
	Maximum	10.4	150	77.6-232	4.7-13.9	164-492								
ZR 110 VSD+ - 10.4	Minimum	4	60	78.2-345	4.7-20.7	166-732	110/150	68	2500	5500	3400	7500	3700	8200
	Effective	7	100	78.8-330	4.7-19.8	167-700								
	Maximum	10.4	150	77.6-276	4.7-16.6	164-586								
ZR 132 VSD+ - 10.4	Minimum	4	60	78.2-399	4.7-24.0	166-846	132/175	69	2500	5500	3400	7500	3700	8200
	Effective	7	100	78.8-384	4.7-23.0	167-814								
	Maximum	10.4	150	77.6-329	4.7-19.8	164-698								
ZR 145 VSD+ 10.4	Minimum	4	60	78.2-431	4.7-25.8	166-912	145/200	70	2500	5500	3400	7500	3700	8200
	Effective	7	100	78.8-415	4.7-24.9	167-880								
	Maximum	10.4	150	77.6-361	4.7-21.6	164-764								
ZR 160 VSD+ - 10.4	Minimum	4	60	78.2-452	4.7-27.1	166-957	160/215	70	2500	5500	3400	7500	3700	8200
	Effective	7	100	78.8-452	4.7-27.1	167-958								
	Maximum	10.4	150	77.6-396	4.7-23.8	164-839								

Dimensions

Type	A (Length)		B (Width)		C (Height)	
	mm	inch	mm	inch	mm	inch
ZR/ZT 75-160 VSD+	2030	80	1660	65	2000	80
ZR/ZT 90-160 VSD+ FF iMD	3430	135	1660	65	2000	80
ZR/ZT 75-160 VSD+ FF iMDG	3430	135	1660	65	2000	80

ZT 75-160 VSD+ (FF)

Type	Working Pressure			Free Air Delivery			Installed Motor	Noise level (3)	Weight					
		bar(e)	psig	l/s	m ³ /min	cfm			kW/hp	dB(A)	Pack		Full Feature (iMD)	
											kg	lb	kg	lb
ZT 75 VSD+ - 10.4	Minimum	4	60	79-241	4.8-14.5	168-511	75/100	63	2795	6162	-	-		
	Effective	7	100	79-227	4.7-13.6	167-482								
	Maximum	10.4	150	76-181	4.6-10.8	161-382								
ZT 90 VSD+ - 10.4	Minimum	4	60	79-292	4.8-17.5	168-619	90/120	65	2795	6162	3445	7595		
	Effective	7	100	79-277	4.7-16.6	167-587								
	Maximum	10.4	150	76-223	4.6-13.4	161-473								
ZT 110 VSD+ - 10.4	Minimum	4	60	79-339	4.8-20.4	168-719	110/150	66	2795	6162	3445	7595		
	Effective	7	100	79-323	4.7-19.4	167-685								
	Maximum	10.4	150	76-269	4.6-16.2	161-570								
ZT 132 VSD+ - 10.4	Minimum	4	60	79-394	4.8-23.6	168-834	132/175	65	2795	6162	3445	7595		
	Effective	7	100	79-378	4.7-22.7	167-800								
	Maximum	10.4	150	76-322	4.6-19.3	161-682								
ZT 145 VSD+ - 10.4	Minimum	4	60	79-425	4.8-25.5	168-901	145/200	67	2795	6162	3445	7595		
	Effective	7	100	79-409	4.7-24.5	167-867								
	Maximum	10.4	150	76-353	4.6-21.2	161-749								
ZT 160 VSD+ - 10.4	Minimum	4	60	79-437	4.8-26.2	168-925	160/215	69	2795	6162	3445	7595		
	Effective	7	100	79-436	4.7-26.2	167-925								
	Maximum	10.4	150	76-391	4.6-23.5	161-829								

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

(2) Unit performance measured according to ISO 1217, Annex E, 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 effective 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).

ZT variants including ducting on the outlet grating of cooling air.

The added correction factor (+/- 3 dB(A)) is the total uncertainty value

Dimensions

Type	A (Length)		B (Width)		C (Height)	
	mm	inch	mm	inch	mm	inch
ZT 75-160 VSD+	3400	134	1660	65	2000	80
ZT 90-160 VSD+ FF (iMD)	4085	161	1660	65	2000	80