Atlas Comp

ATLAS COMPRESSOR KHAVARMIANEH

Oil-injected rotary screw compressors

Innovating for a sustainable future

At Atlas Copco, we have always looked ahead. Which products and services will make our customers more successful? Your future drives the Atlas Copco team every day. It is the reason why we devote so much time and so many resources to innovation. If there are technologies that will advance your productivity, we will find them. That is what we have been doing for almost 150 years now, setting new standards in compressed air reliability, efficiency, connectivity, and sustainability.

It's that last principle that now comes first. Sustainability is no longer something we should strive for, but something we must achieve. Productivity and growth will have to be built on sustainability. Atlas Copco – our products, our services, and our people – will help you get there, as we always have.

The technology that drives sustainability

FASR motor

The VSD^{S} Ferrite-Assisted Synchronous Reluctance motor is a compressor exclusive: IE5 efficiency and built without rare earth materials.

Neos Next

The inverter that is crucial in generating up to 60% energy savings and a significantly smaller environmental footprint.

Energy recovery

Developed in-house, the VSD^{S} energy recovery system gives you additional energy savings by recovering and re-using up to 80% of the heat the compressor produces.

6

Elektronikon Touch controller

- High-tech controller with warning indications, compressor shutdown and maintenance scheduling.
- Easy to use and designed to perform in the toughest conditions.
- Standard SMART LINK remote monitoring to maximize air system performance and energy savings.

Energy recovery

As much as 90% of the electrical energy used by a compressed air system is converted into heat. Don't let that heat go to waste. A specifically developed energy recovery system can be built into your GA VSD [5], allowing you to recover up to 80% of that power input as hot water (e.g.: changing room showers).

7

EQ2i

Multiple compressor control integrated as standard.

8

Inlet filter

- Developed especially for VSD [5].
- Enhanced filtration efficiency.
- Ensures lower pressure drop.

Exclusive features that make a difference

Smart Temperature Control System

Thanks to its Smart Temperature Control System, the GA VSD [5] is the first compressor to offer full injection control to eliminate the risk of condensation and maximize compression efficiency. An advanced algorithm in the Elektronikon controller combines multiple operational parameters to calculate the optimal oil temperature, which the Neos Next implements by regulating the VSD fan and the STC valve.

Boost Flow Mode

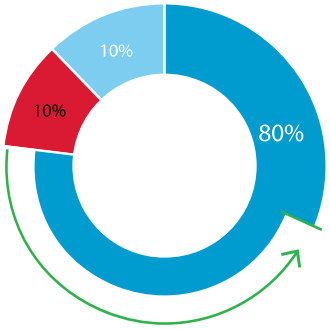
With other compressors, exceeding the maximum capacity means loss of pressure and equipment operation, and possibly a production shutdown. The GA VSD [5] comes with Boost Flow Mode, allowing you to temporarily stretch the limit of your compressor without negative operational or reliability consequences.

A new generation of savings and sustainability

VSD ^{S} is the third generation of Atlas Copco's VSD technology. It continues a proud tradition of ground-breaking energy savings with up to 60% lower energy use compared to GA fixed-speed models. But the VSD^{S} is more than the most energy-efficient compressor on the market today. It is a comprehensive re-invention of VSD technology that allows for true production sustainability.

Energy matters

The true cost of owning a compressor – both financially and in terms of sustainability – lies in its energy use. After all, energy takes up 80% of the lifetime cost of a compressor. That makes efficiency the number one requirement to reduce your operational costs and environmental footprint in a meaningful way.



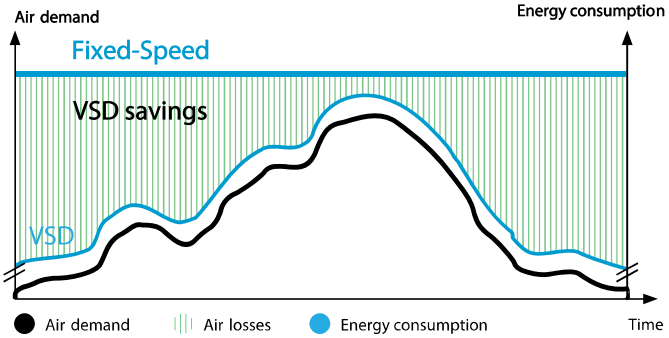
up to
60%
energy savings

Total compressor lifecycle cost

- Energy
- Energy savings with VSD ^{S}
- Investment
- Maintenance

Fixed-speed: unadaptable energy use

Traditional fixed-speed compressors only have one speed, 100% on. The result is a lot of wasted energy when your demand is lower.



VSD: energy use follows fluctuating demand

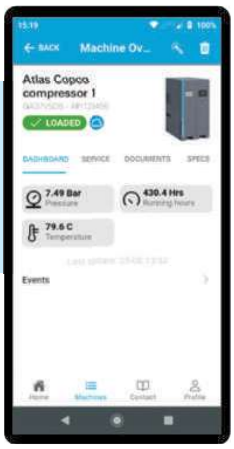
Atlas Copco Variable Speed Drive compressors have an inverter that allows them to adjust their motor speed to match the air demand to give you unprecedented energy savings:

- Elektronikon Touch controls the high-efficiency Neos Next inverter and the motor speed to lower energy use.
- No wasted idling time or blow-off losses during operation.
- Compressor can start/stop under system pressure without the need to unload.
- Eliminates peak current penalty during start-up.
- Minimizes system leakage due to a lower system pressure.
- EMC compliance to directives (2004/108/EG).

As connected as you will be

When it comes to connectivity, manufacturing equipment has long lagged behind. Not Atlas Copco. Our compressed air systems helped pave the way for Industry 4.0. We never stopped developing innovative features and introducing new options to help our customers meet their operational goals.

SMART LINK



Connect

SMARTLINK

- Real-time monitoring of your compressor's operational parameters on your computer or mobile device.
- Performance data and insights identify opportunities for optimization.
- Service timeline.
- Maintenance and service alerts.
- Online resource center with manuals, documentation and technical information.

Control

Elektronikon Touch

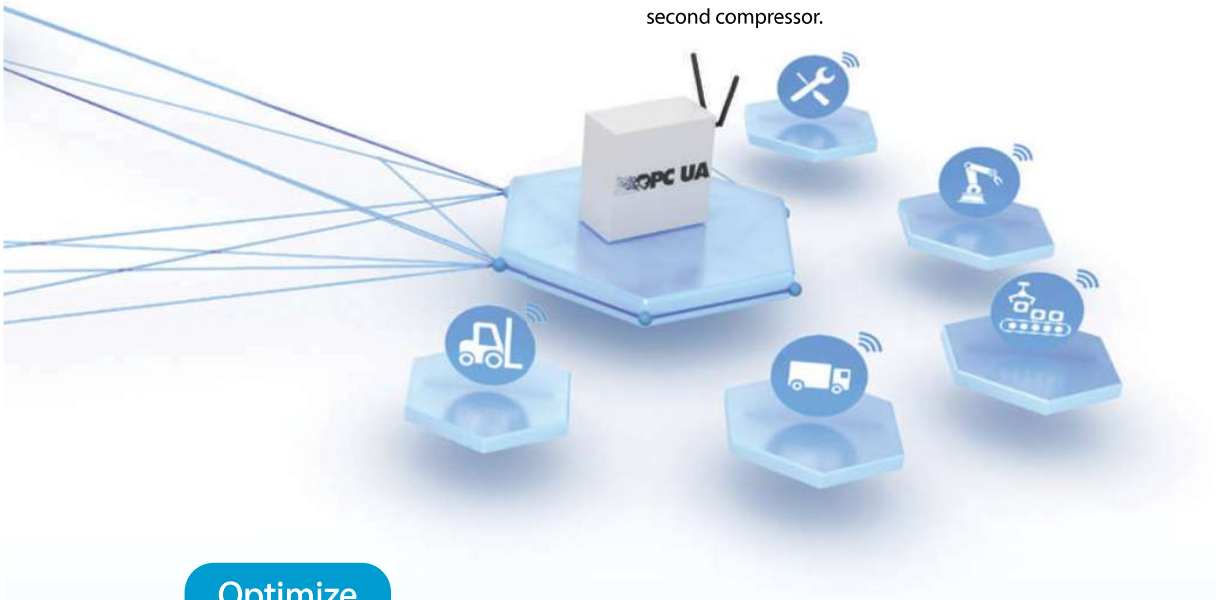
The Elektronikon Touch features a 4.3-inch user-friendly, multilingual display with clear pictograms and a service indicator. The operating system offers a host of control and monitoring options and smart algorithms to optimize your compressor performance. Customized timers and efficiency controls are just a few examples.

Manage

Equalizer 4.0

Manage up to 6 compressors in one air network with the Equalizer 4.0 (integrated in your compressor or as a standalone unit):

- **Reduced pressure band:** Create a narrow, predefined pressure band to save energy.
- **Optimal system performance:** Program all compressors to have equal running hours to reduce service intervals.
- **Improve reliability and efficiency:** With actionable performance reports, service warnings, and energy efficiency data.
- **Standard multiple compressor control:** VSD^S units come as standard with a built-in EQ2i, allowing the control of a second compressor.



Optimize

OPC UA enabled

Atlas Copco was the first compressor manufacturer to offer OPC UA, the machine-to-machine communication protocol that was developed especially for industrial automation. That means you can integrate your Atlas Copco compressor seamlessly in your production network:

- Standardization of production equipment communication.
- Insight into production system performance and optimization options on your production floor.
- Network security thanks to various encryption levels, authentication, auditing, and user control to ensure security.

Type		Working pressure workplace		Capacity FAD*			Installed motor power		Noise level	Weight (kg)			
										Workplace		Workplace Full feature	
		bar(e)	psig	l/s	m³/h	cfm	kW	hp	dB(A)	Floor-mounted	Tank-mounted	Floor-mounted	Tank-mounted
50 Hz VERSION													
GA 5	7.5	7.5	109	15.0	54.0	31.7	5.5	7.5	60	257	317	300	360
	8.5	8.5	123	13.2	47.5	27.9	5.5	7.5	60	257	317	300	360
	10	10	145	11.7	42.1	24.7	5.5	7.5	60	257	317	300	360
	13	13	189	8.4	30.2	17.7	5.5	7.5	60	257	317	300	360
GA 7	7.5	7.5	109	21.0	75.6	44.3	7.5	10	61	270	330	315	375
	8.5	8.5	123	21.8	78.5	46.0	7.5	10	61	270	330	315	375
	10	10	145	17.2	70.6	36.3	7.5	10	61	270	330	315	375
	13	13	189	14.2	51.1	30.0	7.5	10	61	270	330	315	375
GA 11	7.5	7.5	109	30.7	110.5	64.8	11	15	62	293	353	343	403
	8.5	8.5	123	28.3	101.9	59.7	11	15	62	293	353	343	403
	10	10	145	26.0	93.6	54.9	11	15	62	293	353	343	403
	13	13	189	22.0	79.2	46.5	11	15	62	293	353	343	403

Type		Max. working pressure workplace		Capacity FAD*			Installed motor power		Noise level	Weight (kg/lbs)			
										Workplace		Workplace Full feature	
		bar(e)	psig	l/s	m³/h	cfm	kW	hp	dB(A)	Floor-mounted	Tank-mounted	Floor-mounted	Tank-mounted
60 Hz VERSION													
GA 5	100	7.4	107	15.0	54.0	31.7	5.5	7.5	60	257	317	300	360
	125	9.1	132	13.2	47.5	27.9	5.5	7.5	60	257	317	300	360
	150	10.8	157	11.7	42.1	24.7	5.5	7.5	60	257	317	300	360
	175	12.5	181	8.4	30.2	17.7	5.5	7.5	60	257	317	300	360
GA 7	100	7.4	107	21.0	75.6	44.3	7.5	10	61	270	330	315	375
	125	9.1	132	21.8	78.5	46.0	7.5	10	61	270	330	315	375
	150	10.8	157	17.2	70.6	36.3	7.5	10	61	270	330	315	375
	175	12.5	181	14.2	51.1	30.0	7.5	10	61	270	330	315	375
GA 11	100	7.4	107	30.4	109.4	64.1	11	15	62	293	353	343	403
	125	9.1	132	27.0	97.2	57.0	11	15	62	293	353	343	403
	150	10.8	157	24.9	89.6	52.5	11	15	62	293	353	343	403
	175	12.5	181	22.0	79.2	46.4	11	15	62	293	353	343	403

** Unit performance measured according to ISO 1217, Ed. 4, 2009, Annex C.*

*** Mean Noise level* measured at a distance of 1 m according to ISO 2151; tolerance 3 dB(A).*

Reference conditions:
- Absolute Inlet pressure, specify bar(a), (e) 1 bar (14.5 psi).
- Intake air temperature 20°C, 68°F.

FAD is measured at the following working pressures:
- 7.5 bar versions at 7 bar(e).
- 8.5 bar versions at 8 bar(e).
- 10 bar versions at 9.5 bar(e).
- 13 bar versions at 12.5 bar(e).

Maximum working pressure for VSD machines:
- 13 bar(e) (188 psig)

GA 5-7-11 pack & GA 5-7-11-15 VSD pack (floor-mounted)

GA 5-7-11 pack & GA 5-7-11-15 VSD pack (tank-mounted)

ATLAS COMPRESSOR KHAVARMIANEH

Oil-injected compressors

Type	Max. working pressure workplace		Capacity FAD*			Installed motor power		Noise level**	Weight (kg/lbs)	
									Tank mounted version	
	bar(e)	psig	l/s	m³/h	cfm	kW	hp	dB(A)	Work-place	workplace Full Feature
50 / 60 Hz VERSION										
GA 5 VSD	5.5	80	6.1-15.2	22.0-54.7	13.4-33.4	5.5	7.5	62	335	378
	7.5	109	6.0-15.0	21.6-54.0	13.2-33.0	5.5	7.5	62	335	378
	10	145	6.8-11.7	24.5-42.1	15.0-25.7	5.5	7.5	62	335	378
	13	188	8.3-10	29.9-36.0	18.3-22.0	5.5	7.5	62	335	378
GA 7 VSD	5.5	80	5.1-20.5	18.4-73.8	11.2-45.1	7.5	10	64	340	385
	7.5	109	5.1-20.3	18.4-73.1	11.2-44.7	7.5	10	64	340	385
	10	145	6.5-16.8	23.4-60.5	14.3-37.0	7.5	10	64	340	385
	13	188	7.9-13.8	28.4-49.7	17.4-30.4	7.5	10	64	340	385
GA 11 VSD	5.5	80	8.2-31	29.5-111.6	18.0-68.2	11	15	66	353	403
	7.5	109	8.1-30.7	29.2-110.5	17.8-67.5	11	15	66	353	403
	10	145	8.7-24.1	31.3-86.8	19.1-53.0	11	15	66	353	403
	13	188	10.2-20.7	36.7-74.5	22.4-45.5	11	15	66	353	403
GA 15 VSD	5.5	80	9.0-37.5	32.4-135.0	19.8-82.5	15	20	69	360	412
	7.5	109	9.1-37.1	32.8-133.6	20.0-81.6	15	20	69	360	412
	10	145	8.8-30.9	31.7-111.2	19.4-68.0	15	20	69	360	412
	13	188	8.5-24.8	30.6-89.3	18.7-54.6	15	20	69	360	412

** Unit performance measured according to ISO 1217, Ed. 4, 2009, Annex E*

*** Mean Noise level* measured at a distance of 1 m according to ISO 2151; tolerance 3 dB(A).*

Reference conditions:

- Absolute Inlet pressure, specify bar(a), (e) 1 bar (14.5 psi).

- Intake air temperature 20°C, 68°F.

FAD is measured at the following working pressures:

- 7.5 bar versions at 7 bar(e).

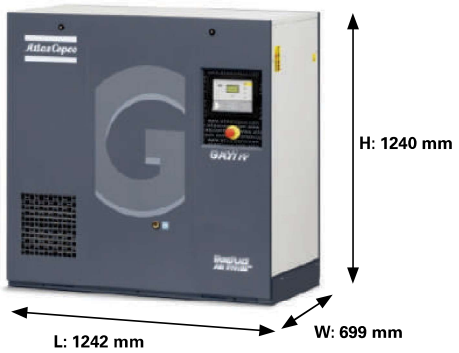
- 8.5 bar versions at 8 bar(e).

- 10 bar versions at 9.5 bar(e).

- 13 bar versions at 12.5 bar(e).

Maximum working pressure for VSD machines:

- 13 bar(e) (188 psig)



GA 5-7-11 FF
(floor-mounted)

GA 5-7-11 FF & GA 5-7-11-15 VSD FF
(tank-mounted)

Type	Maximum working pressure workplace		Capacity FAD*			Installed motor power		Noise level**	Weight workplace	Weight Workplace Full feature
	bar(e)	psig	l/s	m³/h	cfm	kW	hp	dB(A)	kg	kg
GA 7 VSD+	5.5	80	7.1-21.8	25.5-78.5	15.0-46.2	7.5	10	62	193	277
	7	102	7.0-21.6	25.2-77.8	14.8-45.7	7.5	10	62	193	277
	9.5	138	6.7-17.9	24.1-64.4	14.2-37.9	7.5	10	62	193	277
	12.5	181	7.2-14.1	25.9-50.7	15.2-29.8	7.5	10	62	193	277
GA 11 VSD+	5.5	80	7.2-32.4	25.9-116.6	15.2-68.6	11	15	63	196	280
	7	102	7.1-32.0	25.5-115.2	15.0-67.8	11	15	63	196	280
	9.5	138	6.9-26.8	24.8-96.5	14.6-56.8	11	15	63	196	280
	12.5	181	7.5-23.1	27.0-115.6	15.9-48.9	11	15	63	196	280
GA 15 VSD+	5.5	80	7.1-41.2	25.5-148.3	15.0-87.3	15	20	64	199	288
	7	102	7.0-40.8	25.2-146.9	14.8-86.4	15	20	64	199	288
	9.5	138	6.7-34.6	24.1-124.5	14.2-73.3	15	20	64	199	288
	12.5	181	7.1-27.2	25.5-97.9	15.0-57.6	15	20	64	199	288
GA 18 VSD+	4	58	15.0-63.2	53.9-227.5	31.7-133.8	18	25	67	367	480
	7	102	14.7-61.8	53.0 - 222.6	31.2 - 131.0	18	28	67	367	480
	9.5	138	16.9-53.0	61.0-190.8	35.9-112.3	18	25	67	367	480
	12.5	181	16.3-43.0	58.5-154.8	34.4-91.1	18	25	67	367	480
GA 22 VSD+	4	58	15.2-76.1	54.6-274.0	32.1-161.2	22	30	67	363	485
	7	102	14.8-74.3	53.3-267.6	31.3-157.4	22	30	67	363	485
	9.5	138	17.1-64.5	61.5-232.1	36.2-136.6	22	30	67	363	485
	12.5	181	16.9-53.5	60.7-192.5	35.7-113.2	22	30	67	363	485
GA 26 VSD+	4	58	14.8-85.8	53.2-309.0	31.3-181.8	26	35	67	373	490
	7	102	14.5-85.3	52.1-307.2	30.6-180.7	26	35	67	373	490
	9.5	138	16.9-77.9	60.7-280.5	35.7-165.1	26	35	67	373	490
	12.5	181	16.3-64.1	58.8-230.8	34.6-135.8	26	35	67	373	490
GA 30 VSD+	4	58	15.1-98.0	54.3-352.8	31.9-207.6	30	40	67	376	500
	7	102	15.0-97.4	54.1-350.5	31.8-206.2	30	40	67	376	500
	9.5	138	17.2-85.6	61.7-308.2	36.3-181.3	30	40	67	376	500
	12.5	181	16.7-72.0	60.0-259.1	35.3-152.4	30	40	67	376	500
GA 37 VSD+	4	58	15.3-116.4	55.1-418.9	32.4-246.4	37	50	7	376	500
	7	102	14.8-114.8	53.2-413.2	31.3-243.1	37	50	67	376	500
	9.5	138	17.1-102.1	61.5-367.7	36.2-216.3	37	50	67	376	500
	12.5	181	16.4-86.6	58.9-311.8	34.6-183.4	37	50	67	376	500

** Unit performance measured according ISO 1217, Ed. 4, 2009, Annex E.*

*** Mean noise level* measured at a distance of 1 m according to ISO 2151: 2004 using ISO 9614/2 (sound intensity method); tolerance 3 dB(A).*

Reference conditions:

- Absolute inlet pressure 1 bar (14.5 psi).

- Intake air temperature 20°C, 68°F.

FAD is measured at the following effective working pressures:

- 5.5 bar(e)

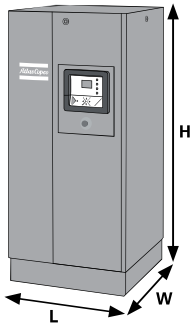
- 7 bar(e)

- 9.5 bar(e)

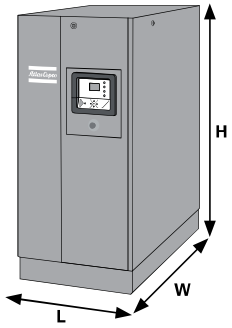
- 12.5 bar(e)

Maximum working pressure:

- 13 bar(e) (188 psig)



Standard



Full Feature

Dimensions	Standard			Full Feature		
	L (mm)	W (mm)	H (mm)	L (mm)	W (mm)	H (mm)
GA 7-15 VSD+	630	610	1420	630	985	1420
GA 18-37 VSD+	780	811	1590	780	1273	1590

ATLAS COMPRESSOR KHAVARMIANEH

Oil-injected compressors

Type		Max. working pressure	Capacity FAD*	Installed motor power	Noise Level**	Weight
		Workplace/ workplace FF				Workplace/ workplace FF
		bar(e)	m³/h	kW	dB(A)	kg
50 Hz VERSION						
GA 15	7.5	7.5/7.3	154.8	15	72	375/440
	8.5	8.5/8.3	141.8	15	72	375/440
	10	10/9.8	130.7	15	72	375/440
	13	13/12.8	108.4	15	72	375/440
GA 18	7.5	7.5/7.3	189	18.5	73	395/470
	8.5	8.5/8.3	180.7	18.5	73	395/470
	10	10/9.8	156.6	18.5	73	395/470
	13	13/12.8	133.9	18.5	73	395/470
GA 22	7.5	7.5/7.3	216.7	22	74	410/485
	8.5	8.5/8.3	209.9	22	74	410/485
	10	10/9.8	186.1	22	74	410/485
	13	13/12.8	162	22	74	410/485

** Unit performance measured according to ISO 1217, Ed. 4, 2009, Annex C.*

*** Mean noise level* measured according to ISO 2151/Pneuro/Cagi PN8NTC2 test code; tolerance 2 dB(A)*

Reference conditions:

- Absolute inlet pressure 1 bar (14.5 psi)

- Intake air temperature 20°C, 68°F

FAD is measured at the following working pressures:

- 7.5 bar versions at 7 bar

- 8.5 bar versions at 8 bar

- 10 bar versions at 9.5 bar

- 13 bar versions at 12.5 bar

Pressure dew point of integrated refrigerant dryer of GA 15 - GA 18 - GA 22 at reference conditions 5°C, 41°F.

Air receiver size : 500 l.

Added weight: 125 kg.

GA 15 - GA 18 - GA 22
Full feature

H: 1558 mm, 61″
L: 1853 mm, 73″
W: 680 mm, 27″

GA 15 - GA 18 - GA 22
Pack

H1: 1558 mm, 61″
H2: 932 mm, 37″
L1: 1853 mm, 73″
L2: 1285 mm, 51″
W: 680 mm, 27″

50 Hz versions

Type		Max. working pressure				Capacity FAD*			Installed motor power		Noise level	Weight (kg)		Length (mm)	Width (mm)	Height (mm)
		Workplace		Workplace Full feature								Work-Place	Work-place Full feature			
		bar(e)	psig	bar(e)	psig	l/s	m³/h	cfm	kW	hp	dB(A)					
50 Hz VERSION																
GA 11⁺	7.5	7.5	109	7.3	105	35.8	128.9	75.9	11	15	63	410	455	1255	692	1475
	8.5	8.5	116	8.3	120	33.8	121.7	71.7	11	15	63	410	455	1255	692	1475
	10	10	145	9.8	141	30.3	109.1	64.2	11	15	63	410	455	1255	692	1475
	13	13	189	12.8	185	25.2	90.7	53.4	11	15	63	410	455	1255	692	1475
GA 15⁺	7.5	7.5	109	7.3	105	46.9	168.8	99.4	15	20	64	420	470	1255	692	1475
	8.5	8.5	116	8.3	120	43.8	157.7	92.9	15	20	64	420	470	1255	692	1475
	10	10	145	9.8	141	39.8	143.3	84.4	15	20	64	420	470	1255	692	1475
	13	13	189	12.8	185	32.8	118.1	69.5	15	20	64	420	470	1255	692	1475
GA 18⁺	7.5	7.5	109	7.3	105	58.1	209.2	123.2	18.5	25	65	440	500	1255	692	1475
	8.5	8.5	116	8.3	120	54.3	195.5	115.1	18.5	25	65	440	500	1255	692	1475
	10	10	145	9.8	141	48.7	175.3	103.2	18.5	25	65	440	500	1255	692	1475
	13	13	189	12.8	185	41.1	148.0	87.1	18.5	25	65	440	500	1255	692	1475
GA 22⁺	7.5	7.5	109	7.3	105	68.2	245.5	144.6	22	30	66	455	515	1255	692	1475
	8.5	8.5	116	8.3	120	64.5	232.2	136.7	22	30	66	455	515	1255	692	1475
	10	10	145	9.8	141	58.1	209.2	123.2	22	30	66	455	515	1255	692	1475
	13	13	189	12.8	185	50.7	182.5	107.5	22	30	66	455	515	1255	692	1475
GA 26⁺	7.5	7.5	109	7.3	105	79.8	287.3	169.2	26	35	67	525	595	1255	865	1475
	8.5	8.5	116	8.3	120	76.2	274.3	161.5	26	35	67	525	595	1255	865	1475
	10	10	145	9.8	141	69.3	249.5	146.9	26	35	67	525	595	1255	865	1475
	13	13	189	12.8	185	60.1	216.4	127.4	26	35	67	525	595	1255	865	1475
GA 30	7.5	7.5	109	7.3	105	90.0	324.0	190.8	30	40	68	540	610	1255	865	1475
	8.5	8.5	116	8.3	120	86.4	311.0	183.2	30	40	68	540	610	1255	865	1475
	10	10	145	9.8	141	79.8	287.3	169.2	30	40	68	540	610	1255	865	1475
	13	13	189	12.8	185	68.7	247.3	145.6	30	40	68	540	610	1255	865	1475

** Unit performance measured according to ISO 1217, ISO 1217, Ed. 4, 2009, Annex C, latest edition.*

Reference conditions:

- Absolute Inlet pressure, specify bar(a), (e) 1 bar (14.5 psi)

- Intake air temperature 20°C, 68°F

FAD is measured at the following working pressures:

- 7.5 bar versions at 7 bar

- 8 bar versions at 7.5 bar

- 10 bar versions at 9.5 bar

- 13 bar versions at 12.5 bar

*** Mean Noise level* measured according to ISO 2151/Pneuro/Cagi*

PN8NTC2 test code; tolerance 2 dB(A).

Pressure dew point of integrated refrigerant dryer of GA 11⁺ - GA 15⁺ - GA 18⁺ - GA 22⁺ - GA 26⁺ - GA 30 at reference conditions 2°C to 3°C, 36°F to 37°F.

GA 11⁺ - GA 15⁺ - GA 18⁺ - GA 22⁺

H: 1475 mm, 58”

L: 1255 mm, 49”

W: 692 mm, 27”

GA 15-30 VSD

Type	Max. working pressure		Capacity FAD						Installed motor power		Noise level 50/60 Hz	Weight (kg)		Length (mm)	Width (mm)	Height (mm)
	Workplace		l/s		m³/h		cfm					Work-Place	Work-place Full feature			
	bar(e)	psig	Min.	Max.	Min.	Max.	Min.	Max.	kW	hp	dB(A)					
GA 15 VSD	4	58	16.0	48.7	57.6	175.3	33.9	103.2	15	20	66	480	530	1255	865	1475
	7	102	15.9	48.5	57.2	174.6	33.7	102.8	15	20	66	480	530	1255	865	1475
	10	145	18.0	41.6	64.8	149.8	38.2	88.2	15	20	66	480	530	1255	865	1475
	13	188	20.4	32.8	73.4	118.1	43.2	69.5	15	20	65	480	530	1255	865	1475
GA 18 VSD	4	58	16.0	60.1	57.6	216.4	33.9	127.4	18	25	67	490	550	1255	865	1475
	7	102	15.9	60.0	57.2	216.0	33.7	127.2	18	25	67	490	550	1255	865	1475
	10	145	18.0	52.0	64.8	187.2	38.2	110.2	18	25	67	490	550	1255	865	1475
	13	188	20.4	42.0	73.4	151.2	43.2	89.0	18	25	66	490	550	1255	865	1475
GA 22 VSD	4	58	16.0	70.5	57.6	253.8	33.9	149.5	22	30	68	500	560	1255	865	1475
	7	102	15.9	70.3	57.2	253.1	33.7	149.5	22	30	68	500	560	1255	865	1475
	10	145	18.0	61.4	64.8	221.0	38.2	130.2	22	30	68	500	560	1255	865	1475
	13	188	20.4	50.2	73.4	180.7	43.2	106.4	22	30	67	500	560	1255	865	1475
GA 26 VSD	4	58	16.0	81.5	57.6	293.4	33.9	172.8	26	35	70	520	590	1255	865	1475
	7	102	15.9	81.2	57.2	292.3	33.7	172.1	26	35	70	520	590	1255	865	1475
	10	145	18.0	72.4	64.8	260.6	38.2	153.5	26	35	70	520	590	1255	865	1475
	13	188	20.4	59.7	73.4	214.9	43.2	126.6	26	35	69	520	590	1255	865	1475
GA 30 VSD	4	58	16.0	93.3	57.6	335.9	33.9	197.8	30	35	70	530	600	1255	865	1475
	7	102	15.9	93.0	57.2	334.8	33.7	197.2	30	35	70	530	600	1255	865	1475
	10	145	18.0	82.7	64.8	297.7	38.2	175.3	30	35	70	530	600	1255	865	1475
	13	188	20.4	70.8	73.4	254.9	43.2	150.1	30	35	69	530	600	1255	865	1475

** Unit performance measured according to ISO 1217, ISO 1217, Ed. 4, 2009, Annex E.*

Reference conditions:

- Absolute Inlet pressure, specify bar(a), (e) 1 bar (14.5 psi)

- Intake air temperature 20°C, 68°F

*** Mean Noise level* measured according to ISO 2151/Pneuro/Cagi PN8NTC2 test code; tolerance 2 dB(A).*

Pressure dew point of integrated refrigerant dryer at reference conditions: 2°C to 3°C, 35°F to 37°F.

Maximum working pressure for VSD machines: 13 bar(e) (188 psig)

GA 15 VSD - GA 18 VSD - GA 22 VSD - GA 30 VSD

H: 1475 mm

l: 1255 mm

W: 862 mm

50 Hz versions

Type	Pressure variant	Max. working pressure workPlace		Capacity FAD*			Installed motor power		Noise level	Weight workplace		Weight workplace Full feature	
		bar(e)	psig	l/s	m^3/min	cfm	kW	hp	dB(A)	kg	lbs	kg	lbs
GA 30+	7.5	7.5	109	99	5.9	209	30	40	65	817	1801	898	1980
	8.5	8.5	123	90	5.4	191	30	40	65	817	1801	898	1980
	10	10	145	82	4.9	175	30	40	65	817	1801	898	1980
	13	13	189	71	4.3	151	30	40	65	817	1801	898	1980
GA 37	7.5	7.5	109	115	6.9	243	37	50	69	905	1994	820	1807
	8.5	8.5	123	106	6.4	225	37	50	69	905	1995	820	1808
	10	10	145	100	6.0	213	37	50	69	905	1995	820	1808
	13	13	189	81	4.9	172	37	50	69	905	1995	820	1808
GA 37+	7.5	7.5	109	122	7.3	258	37	50	65	902	1989	987	2176
	8.5	8.5	123	118	7.1	250	37	50	65	902	1989	987	2176
	10	10	145	102	6.1	216	37	50	65	902	1989	987	2176
	13	13	189	85	5.1	180	37	50	65	902	1989	987	2176
GA 45	7.5	7.5	109	137	8.2	291	45	60	72	894	1971	979	2158
	8.5	8.5	123	127	7.6	268	45	60	72	894	1971	979	2158
	10	10	145	117	7.0	248	45	60	72	894	1971	979	2158
	13	13	189	102	6.1	217	45	60	72	894	1971	979	2158
GA 45+	7.5	7.5	109	149	8.9	315	45	60	66	970	2138	1060	2337
	8.5	8.5	123	139	8.3	295	45	60	66	970	2138	1060	2337
	10	10	145	128	7.7	270	45	60	66	970	2138	1060	2337
	13	13	189	106	6.4	225	45	60	66	970	2138	1060	2337
GA 55	7.5	7.5	109	169	10.2	359	55	75	69	1229	2709	1329	2930
	8.5	8.5	123	159	9.5	336	55	75	69	1229	2709	1329	2930
	10	10	145	148	8.9	313	55	75	69	1229	2709	1329	2930
	13	13	189	126	7.6	267	55	75	69	1229	2709	1329	2930
GA 55+	7.5	7.5	109	184	11.1	390	55	75	66	1358	2994	1458	3214
	8.5	8.5	123	174	10.4	369	55	75	66	1358	2994	1458	3214
	10	10	145	156	9.5	331	55	75	66	1358	2994	1458	3214
GA 75	7.5	7.5	109	226	13.5	478	75	100	73	1259	2776	1379	3040
	8.5	8.5	123	209	12.6	444	75	100	73	1259	2776	1379	3040
	10	10	145	189	11.4	401	75	100	73	1259	2776	1379	3040
	13	13	189	162	9.7	344	75	100	73	1259	2776	1379	3040
GA 75+	7.5	7.5	109	248	14.9	526	75	100	68	1413	3115	1533	3380
	8.5	8.5	123	235	14.1	497	75	100	68	1413	3115	1533	3380
	10	10	145	210	12.6	445	75	100	68	1413	3115	1533	3380
	13	13	189	177	10.6	375	75	100	68	1413	3115	1533	3380
GA 90	7.5	7.5	109	281	16.9	596	90	125	73	1425	3142	1545	3406
	8.5	8.5	123	275	16.5	582	90	125	73	1425	3142	1545	3406
	10	10	145	250	15.0	529	90	125	73	1425	3142	1545	3406
	13	13	189	216	13.0	458	90	125	73	1425	3142	1545	3406

** Unit performance measured according to ISO 1217, Ed. 4, 2009, Annex C.*
Reference conditions:
Absolute Inlet pressure, specify bar(a), (e) 1 bar (14.5 psi)
Intake air temperature 20°C, 68°F

FAD is measured at the following working pressures:
7.5 bar versions at 7 bar
8.5 bar versions at 8 bar
10 bar versions at 9.5 bar
13 bar versions at 12.5 bar
*** A-weighted emission Noise level* at the work station, Lp WSA (re 20 µPa) dB (with uncertainty 3 dB).*
Values determined according to Noise level test code ISO 2151 and noise measurement standard ISO 9614.*
Pressure dew point of integrated refrigerant dryer at reference conditions: 2°C to 3°C, 36°F to 37°F.