CE IE3

AIRVINI

COMPRESSORS

Belt-driven rotary screw compressors

2.2-75 kW

Screw Compressors

About us

AirVini is part of an international Group which is strengthened by its consolidated experience and leadership of a family that for two generations has been entirely dedicated to the compressed air industry, **AirVini now affirms its ranking as one of the largest manufacturers in the world of compressed air equipment** and its leadership in the market thanks to its flexibility and technological innovation.

Know-how, creativity, integrated marketing, versatile manufacturing processes, quality and a "tailored" customer service: these are AirVini characteristic features.
AirVini counts on a team of European partners who are highly experienced and qualified, and who know how to interpret market and customer demand in defining, developing and distributing its products.

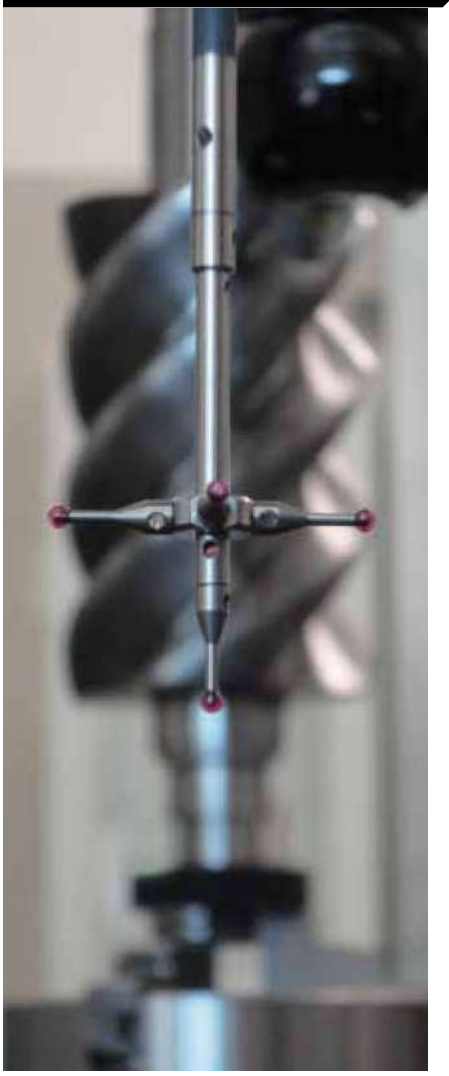
Product range

AirVini 11 11 kW	AirVini 11-15 11-15 kW	AirVini 18.5-22 18.5-22 kW
Available versions: floor mounted compressor compressor + air receiver compressor + air receiver + air dryer (air receiver: 200, 270 or 500 liters)	**Available versions:** floor mounted compressor compressor + air receiver compressor + air receiver + air dryer (air receiver: 270 or 500 liters)	**Available versions:** floor mounted compressor compressor + air dryer
Air-end: FS26 TF - FS50 TF	**Air-end:** FS26 TF - FS50 TF	**Air-end:** FS50 TF
Controller: ETMII	**Controller:** ETMII	**Controller:** ETIV
Fixed speed	**Fixed speed**	**Fixed or variable speed**

Our figures

Employees	1500
Global service centres	350
Countries we export to	120
International branch offices	12
Manufacturing plants	5

Sirio 31-38 30-37 kW	Sirio 45-55 45-55 kW	Sirio 56-75 55-75 kW
Available versions: floor mounted compressor compressor + air dryer	**Available versions:** floor mounted compressor	**Available versions:** floor mounted compressor
Air-end: FS100 - FS130	**Air-end:** FS130	**Air-end:** FS240
Controller: ETIV	**Controller:** ETIV	**Controller:** ETIV
Fixed or variable speed	**Fixed speed**	**Fixed or variable speed**



Screw technology

- AirVini air-ends feature **one of the most advanced rotor profile design available**.

The manufacturing process is fully **integrated**, thanks to ultra modern machine tools and sophisticated operating instrumentation that provide the highest quality standard.

- A solid modeling CAD system ensures the ideal components arrangement.
- The production process of the rotors goes through 4 different machining steps that make it possible to achieve superior machining accuracy and consistent performance. This level of precision means any male rotor can be perfectly matched with any female counterpart.
- All air-ends are individually tested two times: after their manufacture and a further time following assembly on the completed compressor.

Innovation

- **AirVini construction philosophy is based on the selection and simple assembly** of the most reliable and efficient technical solutions.

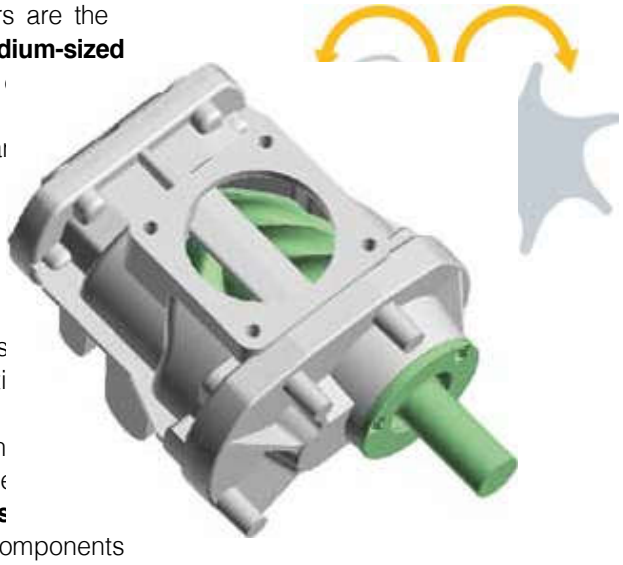
The higher wear resistant Poly-V belt drive, the oversized combined air/oil exchanger with centrifugal cooling fan and thermostatic control to ensure the ideal operating temperature, and high-efficiency electrical motors, make AirVini compressors robust and reliable work companions, even in the most heavy-duty conditions.

Quality

- AirVini rotary screw compressors are the answer to the needs of **small and medium-sized enterprises**, where compressed air is main sources of energy.

A team of highly skilled technicia and operators work meticulously to check product efficiency and quality, relying on the most up-to-date technology and sophisticated equipment. Assembly and testing performed on automated lines robotic systems of the latest generati and computer tools for design control are the main investments th company has implemented to realis that meet the market's **quality s**

In addition and most importantly, components are manufactured on CNC machines and are **100% tested**.



Production

- The entire production procedure is carried out **in-house, at our Italian production plants**; design, machining, assembly, testing, packaging and shipment.

Every product, built in compliance to the applicable standards, is closely followed up in all process steps by trained and qualified staff, to ensure that specific quality and functional tests are passed.

Besides the fully-assembled product, AirVini offers a wide range of air-ends, intake regulators, thermostatic valves and accessories for the assembly of rotary compressors.

Product range assets

AirVini is a worldwide leader in the production of air compressors suitable to all industrial and professional sectors. **AirVini** offers a wide range of products designed to suit all applications and consolidated by a broad choice of accessories for compressed air distribution and treatment.

AirVini SCREW COMPRESSORS are designed to offer reliable and efficient operation, optimisation of energy consumption, reduced operating and energy costs and simple installation and use.All models in the range have the following benefits in common, which are typical of AirVini screw technology:

IE3 Premium Efficiency motors

The IE3 high efficiency motors, combined with our high performance air-ends, minimize the energy costs. Furthermore, the IE3 motors reduce CO_2 emissions: an important contribution to protecting the environment.

High volumetric yield

The free air delivered from our high efficiency air-ends contributes to lower energy consumption and therefore significant savings.

Reliability

The low speed of the air-end guarantees minimal wear and long durability.

Belt-driven transmission

The POLY-V belt drive ensures significantly lower power losses and three times the service life compared to standard range “V” type belts fitted to other compressors on the market. Belt tensioning is carried out through a slider system.

Air dryer

Tank-mounted versions are also available with refrigeration dryer (ES), ready for instant operation without any additional effort.

Suitable for intense and non-stop operation

24hrs without performance drop.

Low installation cost

The versions fitted with a tank and dryer are ready for use, with no added cost of installation.

Low noise levels

This means the operator can install the compressor near the workstation.

Compact design means reduced dimensions

Ease of maintenance

The internal mechanical parts are easy to access, to perform routine maintenance quickly and simply.

Poly-V belt
Provides long service life and minimum maintenance.

Intake valve
100% designed and made in Italy.

Minimum pressure valve
Built in house with oxide free material, fully machined. A sharp technical choice to grant maximum reliability in any operational conditions.

MADE IN ITALY

The entire manufacturing cycle is carried out in-house, ensuring our air-ends are 100% designed and made in Italy.

Advanced controllers

The advanced controllers fitted to the AirVini screw compressors have been specifically developed to guarantee optimum monitoring and regulation of the compressors operation, allowing flexibility and full programming of the complete compressed air station for maximum efficiency and safety.

ETMII electronic controller

Installed on models from 4 to 15 kW.

Controller with multi-function backlight display, the menu is alphanumeric type. In the main screen are displayed:
- Working pressure (offload/load pressure);
- Oil temperature;
- Total working hours;
- On-load working hours;
- Compressor status led (stand-by, offload, load);
- Hours remaining before maintenance.

Four maintenance timers (air cartridge, oil, oil filter, oil separator).
Automatic re-start after power failure.
Cooling fan temperature settable.
Compressor remote start settable.
Integrated sequence phase relay.

ETIV electronic controller

Installed on models from 18.5 to 75 kW.

Controller with multi-function backlight LCD graphic display, the menu is drop down type. In the main screen are displayed:
- Working pressure (offload/load pressure);
- Oil temperature;
- Compressor status (stand-by, offload, load);
- Fan status (off/on);
- Date and time;
- Hours remaining before maintenance;
- Inverter use percentage.

Expansion module (on demand): GSM/GPRS/Ethernet/WiFi module (for on-line compressor status, remote assistance, connection with PC, Smartphone and Tablet, connection between neighbour compressors).

Master/slave function: it is possible to connect up to 4 compressors for managing distribution of the workload in such a way to equalize the hours dynamically changing set pressures of the various compressors:

AirVini 8 - 11 - 15 - 16

Construction features and advantages:

- Working pressure: 8 - 10 and 13 bar, with power of 7.5 - 11 - 15 kW.
- The ETMII electronic controller manages all compressor functions and enables system diagnostics.
- Intake regulator IR20, separator unit and minimum pressure/check valve: AirVini design and production.
- Cooling system designed for operation even in extreme conditions, ensuring the ideal working temperature.
- Tank-mounted versions are also available with refrigeration dryer (ES), ready for instant operation without any additional effort.
- Oil filter and separator filter are spin-on type to grant high efficiency and easy maintenance. Both filters are installed on a common block designed and manufactured by AirVini.

*Main functions of the **ETMII** controller: double hour counters (total hours, load hours), 4 maintenance hour counters, remote ON/OFF control and phase sequence relay to check air-end direction of rotation.*

AirVini 8-10

FS50 TF

FS26 TF

FS26 TF and FS50 TF air-ends are completely designed and produced in Italy. FS50 TF is mounted on Sirio 16 models.

7.5-15 kW (10-20 HP)

Model	Code	Tank capacity	Motor Power		Air delivered			Working pressure		Noise level	Connec-tion	Weight		Dimensions
		ℓ	kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
Floor mounted														
AirVini 8-08	VINIA92N1N764	–	7.5	10	1250	75	44.1	8	116	68	3/4"	185	407	80 x 70 x 98
AirVini 8-10	VINIB92N1N764	–	7.5	10	1000	60	35.3	10	145	68	3/4"	185	407	80 x 70 x 98
AirVini 8-13	VINIC92N1N764	–	7.5	10	750	45	26.5	13	188	68	3/4"	185	407	80 x 70 x 98
AirVini 11-08	VINID92N1N764	–	11	15	1650	99	58.2	8	116	69	3/4"	200	440	80 x 70 x 98
AirVini 11-10	VINIE92N1N764	–	11	15	1500	90	53	10	145	69	3/4"	200	440	80 x 70 x 98
AirVini 11-13	VINIF92N1N764	–	11	15	1100	66	38.8	13	188	69	3/4"	200	440	80 x 70 x 98
AirVini 15-08	VINIJ92N1N764	–	15	20	2150	129	75.9	8	116	70	3/4"	235	517	80 x 70 x 98
AirVini 15-10	VINIH92N1N764	–	15	20	1850	111	65.3	10	145	70	3/4"	235	517	80 x 70 x 98
AirVini 15-13	VINIK92N1N764	–	15	20	1500	90	53	13	188	70	3/4"	235	517	80 x 70 x 98
AirVini 16-08	VINIL92N1N764	–	15	20	2350	141	83	8	116	68	3/4"	240	528	80 x 70 x 98
AirVini 16-10	VINIM92N1N764	–	15	20	2050	123	72.4	10	145	68	3/4"	240	528	80 x 70 x 98
AirVini 16-13	VININ92N1N764	–	15	20	1750	105	61.8	13	188	68	3/4"	240	528	80 x 70 x 98
With tank														
AirVini 8-08-270	VINIA92N1N744	270	7.5	10	1250	75	44.1	8	116	68	3/4"	245	541	155 x 70 x 151
AirVini 8-10-270	VINIB92N1N744	270	7.5	10	1000	60	35.3	10	145	68	3/4"	245	541	155 x 70 x 151
AirVini 11-08-270	VINIC92N1N744	270	11	15	1650	99	58.2	8	116	69	3/4"	260	574	155 x 70 x 151
AirVini 11-10-270	VINID92N1N744	270	11	15	1500	90	53	10	145	69	3/4"	260	574	155 x 70 x 151
AirVini 8-08-500	VINIE92N1N744	500	7.5	10	1250	75	44.1	8	116	68	3/4"	307	678	198 x 70 x 163
AirVini 8-10-500	VINIF92N1N744	500	7.5	10	1000	60	35.3	10	145	68	3/4"	307	678	198 x 70 x 163
AirVini 11-08-500	VINIJ92N1N744	500	11	15	1650	99	58.2	8	116	69	3/4"	322	711	198 x 70 x 163
AirVini 11-10-500	VINIH92N1N744	500	11	15	1500	90	53	10	145	69	3/4"	322	711	198 x 70 x 163
AirVini 15-08-500	VINIK92N1N744	500	15	20	2150	129	75.9	8	116	70	3/4"	357	788	198 x 70 x 163
AirVini 15-10-500	VINIL92N1N744	500	15	20	1850	111	65.3	10	145	70	3/4"	357	788	198 x 70 x 163
AirVini 16-08-500	VINIM92N1N744	500	15	20	2350	141	83	8	116	68	3/4"	362	799	198 x 70 x 163
AirVini 16-10-500	VININ92N1N744	500	15	20	2050	123	72.4	10	145	68	3/4"	362	799	198 x 70 x 163
With tank and dryer														
AirVini 8-08-270 ES	VINIA92N1N844	270	7.5	10	1250	75	44.1	8	116	68	3/4"	343	757	155 x 70 x 151
AirVini 8-10-270 ES	VINIB92N1N844	270	7.5	10	1000	60	35.3	10	145	68	3/4"	343	757	155 x 70 x 151
AirVini 11-08-270 ES	VINIC92N1N844	270	11	15	1650	99	58.2	8	116	69	3/4"	363	801	155 x 70 x 151
AirVini 11-10-270 ES	VINID92N1N844	270	11	15	1500	90	53	10	145	69	3/4"	363	801	155 x 70 x 151
AirVini 8-08-500 ES	VINIE92N1N844	500	7.5	10	1250	75	44.1	8	116	68	3/4"	375	828	198 x 70 x 163
AirVini 8-10-500 ES	VINIF92N1N844	500	7.5	10	1000	60	35.3	10	145	68	3/4"	375	828	198 x 70 x 163
AirVini 11-08-500 ES	VINIJ92N1N844	500	11	15	1650	99	58.2	8	116	69	3/4"	395	872	198 x 70 x 163
AirVini 11-10-500 ES	VINIH92N1N844	500	11	15	1500	90	53	10	145	69	3/4"	395	872	198 x 70 x 163
AirVini 15-08-500 ES	VINIK92N1N844	500	15	20	2150	129	75.9	8	116	70	3/4"	436	962	198 x 70 x 163
AirVini 15-10-500 ES	VINIL92N1N844	500	15	20	1850	111	65.3	10	145	70	3/4"	436	962	198 x 70 x 163
AirVini 16-08-500 ES	VINIM92N1N844	500	15	20	2350	141	83	8	116	68	3/4"	436	962	198 x 70 x 163
AirVini 16-10-500 ES	VININ92N1N844	500	15	20	2050	123	72.4	10	145	68	3/4"	436	962	198 x 70 x 163

ALL MODELS WITH TANK ARE ALSO AVAILABLE ON REQUEST WITH A WORKING PRESSURE OF 13 BAR, PROVIDING THE SAME PERFORMANCE OF MODELS ON GROUND.

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

Ventilation

Compressor cabinet is cooled by the axial fan directly controlled by the ETMII, in order to quickly reach and maintain the operating temperature ideal for efficient operation.

Pressure transducer

It guarantees an accurate and stable operation. The transducer makes it possible to directly modify the working pressure from the electronic controller without any mechanical intervention.

Drive

The Poly-V belt guarantees long service life (lasts at least twice as long as a standard belt) and minimum maintenance.

AirVini 18.5 - 22

Construction features and advantages:

- These compressors are entirely designed and manufactured so that they function as an integral whole with the maximum efficiency.
- All most important components of the compressor are machined internally with highly innovative process controlled machines: this allows full control on the production cycle and over the total quality of the complete compressor.
- The cooling air flow, channeled by the thermostatically controlled fan, cools down an oversized combined oil/ air heat exchanger: this permits the compressor run in severe temperature conditions.
- The wide front and rear panels grants ease of access, reducing inspection and maintenance time.
- Available with dryer.
- 22 kW model (Sirio 22 VS) is also available with Variable Speed.

AirVini 22-10

Dryer module

Sirio 18.5 and 22 models with dryer module provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of your products.

FS50 TF

Air-end entirely designed and made in Italy, just as the intake regulator, separator block with minimum pressure/check valve and thermostatic valve.

18.5-22 kW (25-30 HP)

Model	Code	Motor Power		Air delivered (for VS models the data refer to max. / min. values)			Working pressure		Noise level	Connec-tion	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
AirVini 18.5-08	VINIA92N1N764	18.5	25	2800	168	99	8	116	66	3/4"	350	774	135 x 80 x 113
AirVini 18.5-10	VINIB92N1N764	18.5	25	2500	150	88	10	145	66	3/4"	350	774	135 x 80 x 113
AirVini 18.5-13	VINIC92N1N764	18.5	25	2150	129	76	13	188	66	3/4"	350	774	135 x 80 x 113
AirVini 22-08	VINID92N1N764	22	30	3400	204	120	8	116	68	3/4"	380	840	135 x 80 x 113
AirVini 22-10	VINIE92N1N764	22	30	3000	180	106	10	145	68	3/4"	380	840	135 x 80 x 113
AirVini 22-13	VINIF92N1N764	22	30	2400	144	85	13	188	68	3/4"	380	840	135 x 80 x 113
With dryer													
AirVini 18.5-08 ES	VINIJ92N1N864	18.5	25	2800	168	99	8	116	66	3/4"	400	883	169 x 80 x 113
AirVini 18.5-10 ES	VINIH92N1N864	18.5	25	2500	150	88	10	145	66	3/4"	400	883	169 x 80 x 113
AirVini 18.5-13 ES	VINIK92N1N864	18.5	25	2150	129	76	13	188	66	3/4"	400	883	169 x 80 x 113
AirVini 22-08 ES	VINIJ92N1N864	22	30	3400	204	120	8	116	68	3/4"	430	949	169 x 80 x 113
AirVini 22-10 ES	VINIL92N1N864	22	30	3000	180	106	10	145	68	3/4"	430	949	169 x 80 x 113
AirVini 22-13 ES	VINIM92N1N864	22	30	2400	144	85	13	188	68	3/4"	430	949	169 x 80 x 113
Variable Speed													
AirVini 22-08 VS	VININ97N1N764	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	390	861	135 x 80 x 113
AirVini 22-10 VS	VINIQ97N1N764	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	390	861	135 x 80 x 113
AirVini 22-08 ES VS	VINIR97N1N864	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	440	971	169 x 80 x 113
AirVini 22-10 ES VS	VINIS97N1N864	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	440	971	169 x 80 x 113

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

ETIV electronic controller

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.

Belt-driven transmission

Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.

Minimum pressure valve

Built with oxide free material, fully machined. An ideal technical solution to provide maximum reliability in any operating conditions.

Intake regulator

Normally closed electropneumatic system. It adjusts compressor operation, guaranteeing the minimum pressure necessary during idle running and maximum energy saving at start-up, streamlining the energy cost/ air generated ratio.

Cooling system

The axial fan ensures the ideal operating temperature, even in extreme working conditions. All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperature.

Prefiltering panel

The ventilation circuit is completed by a cabinet prefiltering panel (standard on every model) that separates the incoming dusts.

AirVini 31 - 38

Construction features and advantages:

- All major components of the compressor, such as the intake regulator, minimum pressure/check valve and separator unit, are designed and manufactured by AirVini with highly evoluted CNC machines.
- The cooling air flow, channeled by the thermostatically controlled fan, cools down an oversized combined oil/air heat exchanger: this permits the compressor run in severe temperature conditions.
- The wide front and rear panels grants ease of access, reducing inspection and maintenance time.
- Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.
- 37 kW model (AirVini 38 VS) is also available with Variable Speed.

Dryer module

Sirio 31 and AirVini 38 with dryer module provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of your products.

FS100

FS130

Our air-ends are entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve.
FS100 is mounted on AirVini 31 models.
FS130 is mounted on AirVini 38 models.

30-37 kW (40-50 HP)

Model	Code	Motor Power		Air delivery (for VS models the data refer to max. / min. values)			Working pressure		Noise level	Connection	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
AirVini 31-08	VINIU92N1N064	30	40	4700	282	165.9	8	116	70	1 -1/4"	630	1392	153 x 84 x 145
AirVini 31-10	VINIV92N1N064	30	40	4200	252	148.3	10	145	70	1 -1/4"	630	1392	153 x 84 x 145
AirVini 31-13	VINIW92N1N064	30	40	3400	204	120	13	188	70	1 -1/4"	630	1392	153 x 84 x 145
AirVini 38-08	VINIK92N1N064	37	50	6000	360	212	8	116	68	1 -1/4"	700	1547	153 x 84 x 145
AirVini 38-10	VINIJ92N1N064	37	50	5300	318	187	10	145	68	1 -1/4"	700	1547	153 x 84 x 145
AirVini 38-13	VINII92N1N064	37	50	4000	240	141	13	188	68	1 -1/4"	700	1547	153 x 84 x 145
With dryer													
AirVini 31-08 ES	VINIU92N1N164	30	40	4700	282	165.9	8	116	70	1 -1/4"	710	1567	186 x 84 x 145
AirVini 31-10 ES	VINIV92N1N164	30	40	4200	252	148.3	10	145	70	1 -1/4"	710	1567	186 x 84 x 145
AirVini 31-13 ES	VINIW92N1N164	30	40	3400	204	120	13	188	70	1 -1/4"	710	1567	186 x 84 x 145
AirVini 38-08 ES	VINIK92N1N164	37	50	6000	360	212	8	116	68	1 -1/4"	780	1721	186 x 84 x 145
AirVini 38-10 ES	VINIJ92N1N164	37	50	5300	318	187	10	145	68	1 -1/4"	780	1721	186 x 84 x 145
AirVini 38-13 ES	VINII92N1N164	37	50	4000	240	141	13	188	68	1 -1/4"	780	1721	186 x 84 x 145
Variable Speed													
AirVini 38-08 VS	VINIK97N1N064	37	50	5600 / 2000	336 / 120	197 / 70	8	116	72	1 -1/4"	725	1600	153 x 84 x 145
AirVini 38-10 VS	VINIJ97N1N064	37	50	5000 / 1900	300 / 114	176 / 67	10	145	72	1 -1/4"	725	1600	153 x 84 x 145
AirVini 38-08 ES VS	VINIK97N1N164	37	50	5600 / 2000	336 / 120	197 / 70	8	116	72	1 -1/4"	805	1777	186 x 84 x 145
AirVini 38-10 ES VS	VINIJ97N1N164	37	50	5000 / 1900	300 / 114	176 / 67	10	145	72	1 -1/4"	805	1777	186 x 84 x 145

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

ETIV electronic controller

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.

Cooling system

The axial fan ensures the ideal operating temperature, even in extreme working conditions.
All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperatures.

Oil filter and separator filter

Both spin-on type, they ensure maximum efficiency and simple maintenance.

Intake regulator

Normally closed electro-pneumatic system.
It adjusts compressor operation, guaranteeing the minimum pressure necessary during idle running and maximum energy saving at start-up, streamlining the energy cost/air generated ratio.

Air filter

The air filter with cartridge and dual filtering stage allows its use even in dusty environments.

Minimum pressure valve

Built with oxide free material, fully machined.
An ideal technical solution to provide maximum reliability in any operational conditions.

AirVini 45 - 55 - 56 - 75

Construction features and advantages:

- Entirely developed and assembled in AirVini Italian facilities.
  The superior components selection and the compact internal layout make this range of compressors stand out in terms of high performances and minimum footprint.
- The cooling air flow, channeled by the thermostatically controlled axial fan, cools down an oversized combined oil/air heat exchanger: this permits the compressor run in severe temperature conditions.
- Cabinet is fitted with a standard prefilter panel filtering the incoming cooling air: cleaner components for a longer life and easier servicing.
- Wide front and rear access panels allow easy maintenance and immediate check of all main components, reducing time of inspection and maintenance.
- 55 and 75 kW models (AirVini 56 and 75 VS) are also available with Variable Speed.

AirVini 55-10

FS130

FS240

FS130 air-end is mounted on Sirio 45 and 55 models.
FS240 air-end is mounted on Sirio 56 and 75 models.

45-75 kW (60-100 HP)

Model	Code	Motor Power		Air delivered (for VS models the data refer to max. / min. values)			Working pressure		Noise level	Connec-tion	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
AirVini 45-08	VINIM92N1N064	45	60	7200	432	254	7.5	109	72	1 -1/2"	910	2002	160 x 97 x 186
AirVini 45-10	VININ92N1N064	45	60	6500	390	229	10	145	72	1 -1/2"	910	2002	160 x 97 x 186
AirVini 45-13	VINIQ92N1N064	45	60	5100	306	180	13	188	72	1 -1/2"	910	2002	160 x 97 x 186
AirVini 55-08	VINIR92N1N064	55	75	8600	516	304	7.5	109	74	1 -1/2"	952	2094	160 x 97 x 186
AirVini 55-10	VINIS92N1N064	55	75	7800	468	275	10	145	74	1 -1/2"	952	2094	160 x 97 x 186
AirVini 55-13	VINIT92N1N064	55	75	6400	384	226	13	188	74	1 -1/2"	952	2094	160 x 97 x 186
AirVini 56-08	VINIA92N1N064	55	75	9300	558	328	7.5	109	70	2"	1650	3630	180 x 110 x 215
AirVini 56-10	VINIB92N1N064	55	75	8300	498	293	10	145	70	2"	1650	3630	180 x 110 x 215
AirVini 56-13	VINIC92N1N064	55	75	7000	420	247	13	188	70	2"	1650	3630	180 x 110 x 215
AirVini 75-08	VINID92N1N064	75	100	12200	732	431	7.5	109	72	2"	1720	3784	180 x 110 x 215
AirVini 75-10	VINIE92N1N064	75	100	10500	630	371	10	145	72	2"	1720	3784	180 x 110 x 215
AirVini 75-13	VINIF92N1N064	75	100	8300	498	293	13	188	72	2"	1720	3784	180 x 110 x 215
Variable Speed													
AirVini 56-08 VS	VINIA97N1N064	55	75	9300 / 3700	558 / 222	328 / 131	7.5	109	70	2"	1686	3721	180 x 110 x 215
AirVini 56-10 VS	VINIB97N1N064	55	75	8300 / 3300	498 / 198	293 / 116	10	145	70	2"	1686	3721	180 x 110 x 215
AirVini 75-08 VS	VINID97N1N064	75	100	12200 / 4800	732 / 288	431 / 169	7.5	109	72	2"	1756	3875	180 x 110 x 215
AirVini 75-10 VS	VINIE97N1N064	75	100	10500 / 4200	630 / 252	371 / 148	10	145	72	2"	1756	3875	180 x 110 x 215

Free air delivery as per ISO 1217 Annex C, at 7 - 9.5 - 12.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

ETIV electronic controller

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.

Cooling circuit

An axial fan supplies the optimum cooling air flow for the generously sized air/oil cooler: safe operation in any environmental condition with minimum noise level.

Minimum pressure valve

Separator block including minimum pressure/check valve. Double separator filter: long service intervals and high quality compressed air.

Intake regulator

Normally closed electropneumatic system. Adjusts compressor working to guarantee minimum pressure when idle running and maximum saving upon start-up. This ultimately provides an optimal energy cost/air delivery ratio.

Reliable transmission

Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.

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AirVini uses only green energy

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The models and specifications reported in this catalogue are subject to change without fore-notice