

RENNER screw compressors

RS-H: Single-stage compressors up to 20 bar



The RS-H series provides you with the quality you have come to expect from RENNER screw compressors, even up to a pressure of 20 bar! Air is compressed by a single-stage compressor unit ensuring that no additional pre-pressure compressor is required.



The RS-H series at a glance:

- 2-year full warranty
- Maintenance-friendly due to easily removable doors
- Intensive cooling combined with an effective aftercooler guarantees operational safety and excellent air quality
- Developed for industrial use – including continuous operation
- High-performance compact air end with integrated oil control valve
- Compact design, therefore lower space requirement
- The V-belts are tensioned using a pivoting motor base
- Single-stage compressor unit
- RENNERlogic controller
- Optional extras:
Electronic control RENNERtronic Touch / RENNERtronic Plus Touch

Variants available:

- RS-H: standard design
- RSK-H: refrigeration dryer
- RSF-H: variable speed control incl. RENNERtronic Touch
- RSKF-H: refrigeration dryer and variable speed control incl. RENNERtronic Touch

RENNER variable speed control

Wide fluctuations in compressed air demand cannot be avoided in many plants. RENNER screw compressors with variable speed control ensure that compressed air is generated economically. The compressor output is automatically adjusted to the actual compressed air demand via an infinitely variable speed control. This ensures that your compressor runs cost-efficiently. Frequency converter and control unit are built in the compressor system.

RENNERtronic Touch controls



Smartphone-like operation: Intuitively operable touchscreen on state-of-the-art technology.



Display of compressor utilisation: Recording of operating and load hours as well as the percentage load for compressors with variable speed control.



Timer with six channels: This can be used to switch the four pressure bands, four potential-free relay contacts or the compressor.



Control of frequency converters: direct connection via RS485 bus interface, exchange of information in **plain text**.



USB port: Updates can be easily uploaded using a USB stick.



The Software of RENNERtronic Plus Touch is equipped with an extensive **Base Load Change Over:** control up to eight additional compressors



Service indicator: Maintenance message will be shown when the set operating hour intervals is reached or at the latest after one year.

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RS-H / RSK-H / RSF-H / RSKF-H										
Modell	Free air delivery 18 bar		Free air delivery 20 bar		Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Dimensions L x W x H mm	Weight kg
	m ³ /min / cfm	m ³ /min / cfm	m ³ /min / cfm	m ³ /min / cfm	kW / HP	kW / HP				
RS-H 11,0	0.97	34.26	0.90	31.78	11.0	15.0	G ³ / ₄	70	1137 x 662 x 1034	305
RS-H 15,0	1.32	46.62	1.25	44.14	15.0	20.0	G ³ / ₄	70	1137 x 662 x 1034	319
RSK-H 11,0	0.97	34.26	0.90	31.78	11.0	15.0	G ³ / ₄	70	1503 x 662 x 1034	335
RSK-H 15,0	1.32	46.62	1.25	44.14	15.0	20.0	G ³ / ₄	70	1503 x 662 x 1034	369
⁽¹⁾ according to DIN EN ISO 2151:2009 All models come with a ball valve and power cable										
Options										
Phase rotation control										10867
Electronic control RENNERtronic										10869
Electronic control RENNERtronic Plus										00829
Accessories (refrigeration dryer, filter, air receiver etc.) for 18+20 bar										upon request
Modell	Free air delivery 18 bar		Free air delivery 20 bar		Motor power		Compressed air outlet inch	Noise level dB(A) ⁽¹⁾	Dimensions L x W x H mm	Weight kg
	m ³ /min / cfm	m ³ /min / cfm	m ³ /min / cfm	m ³ /min / cfm	kW / HP	kW / HP				
RSF-H 11,0	0.29 – 0.97	10.28 – 34.26	0.27 – 0.90	9.54 – 31.78	11.0	15.0	G ³ / ₄	66	1215 x 662 x 1034	320
RSF-H 15,0	0.40 – 1.32	13.98 – 46.62	0.38 – 1.25	13.24 – 44.14	15.0	20.0	G ³ / ₄	66	1215 x 662 x 1034	335
RSKF-H 11,0	0.29 – 0.97	10.28 – 34.26	0.27 – 0.90	9.54 – 31.78	11.0	15.0	G ³ / ₄	66	1581 x 662 x 1034	368
RSKF-H 15,0	0.40 – 1.32	13.98 – 46.62	0.38 – 1.25	13.24 – 44.14	15.0	20.0	G ³ / ₄	66	1581 x 662 x 1034	385
⁽¹⁾ according to DIN EN ISO 2151:2009 All models come with a ball valve and power cable										
Options										Part no.
Electronic control RENNERtronic Plus										05591
Accessories (refrigeration dryer, filter, air receiver etc.) for 18+20 bar										upon request

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