

STATIONARY HOT AIR HEATING SYSTEMS



Wall-mounted heaters Universal heaters Warm water heaters Ceiling ventilation units Ceiling heating systems Ceiling fans Exhaust gas systems



RAPID HEAT ADAPTED TO YOUR NEEDS

Hot air heating systems for air to feel good, surprisingly easy, but highly effective

No matter whether they are used for workshops, production halls, showrooms, exhibition halls, sport centers, greenhouses: REMKO stationary hot air heating systems make sure people feel good. We can guarantee the following:

- Immediate heat without preheating
- Fully automatic controls optional
- High operating safety in constant operation

Immediate heat with hot air heating systems can be generated in fresh-air, mixed-air, and re-circulating air operation.

Fresh-air operation

- The air to be heated is taken directly from the outside. In case of corresponding outside conditions, this method guarantees clean, unused air.
- Fresh air is brought into the room from outside (only ventilation, no heating) during fresh-air operation in the summer.

Mixed-air operation

According to the setting, more or less fresh air is suctioned in together with the room air. This method reduces heating costs because previously heated air from the heated room is used on the one hand and covers the necessary fresh-air requirement on the other.

Re-circulating air operation

The air is taken from the room being heated and blown into the same room again after heating. This method causes the lowest operating costs because only the previously heated room air is reheated and circulated.

Low-noise REMKO warm water heaters for when hot water is the heating medium.

Hot water as a heating medium is no problem with REMKO hotwater heating systems. Without great expense, the units can be quickly mounted to the wall or ceiling.

Extensive accessory programme

We offer tailor-made, complete solutions. For this purpose, we provide a specific needs-based assortment of accessory parts such as control units, exhaust gas systems, air discharge accessories, air intake accessories, ceiling fans, and many other products.

Quality with systems

AIR-CONDITIONING

Air-conditioners Local air-conditioners

Comfort air-conditioners

Chilled water systems Chillers

Dehumidifiers

Mobile dehumidifiers Swimming pool dehumidifiers

HEATING

Hot air heating systems Mobile hot air heating systems Stationary hot air heating systems



NEW ENERGIES

Heat pump systems Heat pumps Heat pump packages





The REMKO product line offers the right unit for every demand.

For rooms in which the comfort of the people in it determines the solution

- Sales rooms
- Exhibition halls
- Sports arenas

For workrooms and storage areas

- Production halls
- Warehouses
- Assembly systems
- Greenhouses

Product overview Stationary hot air heating systems

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	Stainless steel, double-wall	

WALL-MOUNTED HEATING SYSTEMS



REMKO GPM

Hall heating with high energy efficiency.

This REMKO series is characterised by compact dimensions, flexible applications, and, in particular, microprocessor-controlled modulating gas burner technology. The heater is available in a total of five different sizes with a heating capacity from 11.8 to 71.5 kW. The units are suitable for both wall and ceiling mounting. A variety of exhaust gas and fresh air versions rounds out the flexible installation possibility of this series of units. Very high energy efficiency is achieved by using modulating gas burner technology.

The units automatically adapt their power output to suit demand. A high energy-saving potential results.



REMKO GPM 25

- High energy efficiency with modulating gas burner technology
- Very flexible application possibilities
- Space-saving mounting on the wall or ceiling
- Rapid, cost-effective installation

- Wide range of accessories available
- Very compact and noiseless unit design
- Combustion chamber in INOX steel



High energy efficiency using modulating gas burner technology

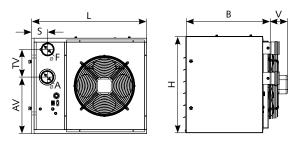


Microprocessor-controlled technology

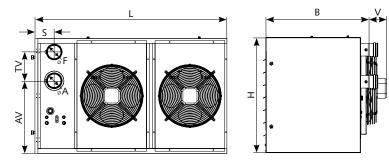




Dimensions - GPM 15/25/35



Dimensions - GPM 55/75



Outside wall installation

Unit installation, including the exhaust gas and fresh air versions, takes place according to classifications C13, C33, C43, C53, C63, and B23 of DVGW-TRGI 2008. The gas connection must be performed by a licensed installer. Before the installation of the exhaust gas duct through the outside wall, the district heating inspector must be consulted.

Exhaust gas duct through wall with burner fresh air supply

Dimensions – GPM 15-75

Series		L	В	Н	٧	A	F	AV	τv	S	
GPM 15	mm	720	640	650	140	80	80	367	204	105	
GPM 25	mm	900	640	650	140	80	80	367	204	105	
GPM 35	mm	900	640	650	140	80	80	367	204	105	
GPM 55	mm	1240	640	740	140	80	80	457	204	105	
GPM 75	mm	1400	750	810	140	100	100	511	204	130	

Technical data

Series		GPM 15	GPM 25	GPM 35	GPM 55	GPM 75
Rated heat load	kW	12.5 – 16.5	20.0 – 26.5	24.0 - 34.8	40.0 - 58.0	58.0 – 78.0
Rated heat capacity	kW	11.8 – 15.1	18.8 – 24.4	22.6 - 31.5	37.6 - 53.0	54.5 – 71.5
Air capacity	m³/h	1,600	3,050	3,050	6,250	6,800
Fuel			Natural gas / propa	ane gas		
Gas flow rate – natural gas H	m³/h	1.32 -1.75	2.12 - 2.80	2.54 - 3.68	4.23 – 6.14	6.14 – 8.25
Gas flow rate – natural gas L	m³/h	1.54 – 2.03	2.46 – 3.26	2.95 – 4.28	4.92 – 7.13	7.13 – 9.59
Gas flow rate - propane gas	kg/h	0.97 – 1.28	1.55 – 2.06	1.86 – 2.70	3.10 – 4.51	4.51 – 6.06
Horizontal blowing range	m	20	22	22	23	23
Voltage supply	V/Hz	230/1~/50	230/1~/50	230/1~/50	230/1~/50	230/1~/50
Exhaust connection Ø	mm	80	80	80	80	100
Fresh air connection Ø	mm	80	80	80	80	100
Weight	kg	59	65	69	97	150
Calorific value H:related to dry sta	andard test gas at	15°C and 1,013.25 mbar				
Natural gas H $G_{20} = 9.45 \text{ kWh}/$	0	G 30 = 12.68 kWh/kg				

Calorific value H_i related to dry standard test gas at 15°C and 1,013.25 mbaNatural gas HG 20 = 9.45 kWh/m³Liquid gas G 30 = 12.68 kWh/kgNatural gas LG 25 = 8.13 kWh/m³Liquid gas G 31 = 12.87 kWh/kg

WALL-MOUNTED HEATING SYSTEMS

GPM series with modulating gas burner

Areas of application

- Sales rooms
- Warehouses
- Production halls
- Retailers and supermarkets
- Trade areas
- Sports arenas

Technical data

Series *	GPM 15	GPM 25	GPM 35	GPM 55	GPM 75
Rated heat load kW	12.5 – 16.	5 20.0 – 26.5	24.0 - 34.8	40.0 – 58.0	58.0 – 78.0
Rated heat capacity kW	11.8 – 15.	1 18.8 – 24.4	22.6 – 31.5	37.6 – 53.0	54.5 – 71.5
Air capacity m ³	′h 1,600	3,050	3,050	6,250	6,800
Design Ref. no.	Natural gas 224400	s H Natural gas H 224415	H Natural gas H 224430	Natural gas H 224445	H Natural gas H 224460
Design Ref. no.	Natural gas 224401	s L Natural gas L 224416	Natural gas L 224431	Natural gas L 224446	Natural gas L 224461
Design Ref. no.	Propane ga 224410	Propane gas 224425	Propane gas 224440	Propane gas 224455	Propane gas 224470
* The gas connection must be performed by a licensed ins	taller.				
Switchgear and control units					
Electronic temperature controller for 1 unit, Type ATR-6 , surface installation, IP 30 protection class, automatic day/n economy, weekly programme, electrical remote control, er and operation messages		1011361	1011361	1011361	1011361
Electronic temperature controller for 1-30 units (group swi Type ATR-6 G , surface installation, protection class IP 54, automatic day/night economy, weekly programme, electri remote control, external thermostat connection for mixed temperature, error and operation messages	1011363	1011363	1011363	1011363	1011363
External temperature probe for ATR-6 G					
	1011364	1011364	1011364	1011364	1011364
Accessories					
Wall bracket Design: Standard	228760	228760	228760	228760	228760
Wall bracket					
Design: Rotary	228761	228761	228761	228762	228763
Mounting set for attachment to ceiling with horizontal air discharge, complete, Type MDH 1	228765	228765	228765	228765	228765
Mounting set for attachment to ceiling with vertical air discharge, built-in, Type MDV 1	228766	228766	228766	228767	228767
Gas connection tube made of stainless steel fabric, length 500 mm	228768	228768	228768	228768	228769

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REMKO





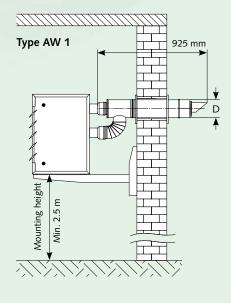


Electronic temperature regulation, **Type ATR-6**, Ref. no. 1011361

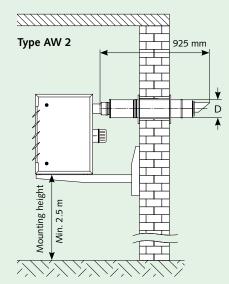


Electronic temperature controller, Type ATR-6 G, Ref. no. 1011363

LAS balanced flue system through the wall with burner fresh air supply



Exhaust gas duct through wall



Note

Please observe the following pipe diameters during planning:

Series	Pipe Ø D
GPM 15	125 mm
GPM 25	125 mm
GPM 35	125 mm
GPM 55	125 mm
GPM 75	150 mm

For sample installations, see Type **AW 1** and **AW 2**

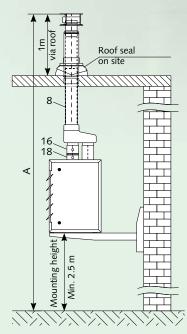
Exhaust gas duct, outside wall

Series	GPM 15	GPM 25	GPM 35	GPM 55	GPM 75	
LAS balanced flue system with integrated burner fresh air supply for						
exterior wall installation, incl. wind guard, 925 mm long, Type AW 1	228770	228770	228770	228770	228771	
Exhaust gas pipe for exterior wall installation, incl. wind guard and						
protective grid for combustion air intake, 925 long, Type AW 2	228772	228772	228772	228772	228773	
Individual sections						
Exhaust gas or fresh air pipe, length 250 mm						
	228868	228868	228868	228868	228869	
Exhaust gas or fresh air pipe, length 500 mm						
	228871	228871	228871	228871	228876	
Exhaust gas or fresh air pipe, length 1000 mm						
	228872	228872	228872	228872	228877	
Exhaust or fresh air joint, 90°						
	228910	228910	228910	228910	229010	
Exhaust or fresh air joint, 45°	÷					
	228909	228909	228909	228909	229009	
Exhaust gas pipe with condensate drain, horizontal, length 185 mm						
	228955	228955	228955	228955	229055	
Protective grid for combustion air intake						
· · · · · · · · · · · · · · · · · · ·	228960	228960	228960	228960	229060	
CE certificate no. CE 0432-BPR-119933						



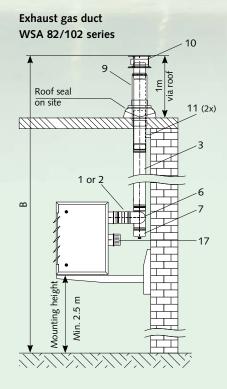
GPM series with modulating gas burner

LAS balanced flue system WSA 81/101 series



LAS balanced flue system via roof with burner fresh air supply WSA 81/101 series, single-walled aluminium, complete *Consisting of:

- Pos. 8 1 unit roof penetration LAS system with burner, fresh air supply, incl. rain hood, overall length 1850 mm
- Pos. 16 1 exhaust gas pipe with condensate drain, vertical, length 185 mm
- Pos. 18 1 connection port with test nipple

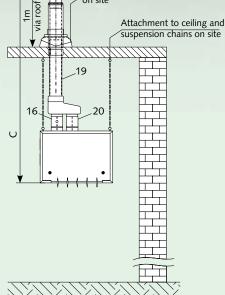


Exhaust gas duct via roof WSA 82/102 series, single-walled aluminium, complete, *Consisting of:

- Pos. 1 1 exhaust gas or fresh air pipe, length 250 mm (for WSA 102)
- Pos. 2 1 exhaust gas or fresh air pipe, length 500 mm (for WSA 82)
- Pos. 3 1 exhaust gas or fresh air pipe, length 1000 mm
- Pos. 6 1 T-connection, 90°
- Pos. 7 1 cleaning component with condensate drain
- Pos. 9 1 roof penetration
- Pos. 10 1 rain hood
- Pos. 11 2 wall mounts
- Pos. 17 1 protective grid for combustion air intake

WSA 83/103 series

LAS balanced flue system



LAS balanced flue system through the roof with burner fresh air supply, for use with vertical air discharge**, WSA 83/103 series, single-wall, aluminium, complete *Consisting of:

- Pos. 19 1 roof penetration, LAS system with burner fresh air supply, incl. rain cover, "vertical" design, overall length 1850 mm
- Pos. 16 1 exhaust gas pipe with condensate drain, vertical, length 185 mm
- Pos. 20 1 exhaust gas or fresh air pipe length 185 mm

- * A slanted/flat roof penetration must be ordered as well if required.
- ** Order mounting set, Type MDV 1, for vertical air discharge as well.



Exhaust gas duct via roof

	Exhaust gas duct via roof		
	Appropriate for unit type	GPM 15-55	GPM 75
	Series	WSA 81	WSA 101
	LAS balanced flue system with integrated burner fresh air supply		
	Ref. no.	228901	229001
_			
	Series Exhaust system incl. protective grid, for combustion air extraction from the installation room	WSA 82	WSA 102
	Ref. no.	228902	229002
	Series	WSA 83	WSA 103
	LAS balanced flue system via the roof with burner fresh air supply, can be used with vertical air discharge		
	Ref. no.	228903	229003
	* Pitched/flat roof penetration should also be ordered where re	equired	
	Individual sections	Ref. no.	Ref. no.
1	Exhaust gas or fresh air pipe, length 250 mm	228868	228869
2	Exhaust gas or fresh air pipe, length 500 mm	228871	228876
3	Exhaust gas or fresh air pipe, length 1000 mm	228872	228877
4	Exhaust or fresh air joint, 90°	228910	229010
5	Exhaust or fresh air joint, 45°	228909	229009
6	T-connection, 90°	228915	229015
7	Cleaning component with condensate drain	228920	229020
8	LAS system roof penetration with burner fresh air supply, including rain hood, total length 1850 mm	228965	229065
9	Roof penetration, total length 1500 mm	228930	229030
10	Rain hood	228935	229035
11	Wall mount	228940	229040
12	Universal slanted roof penetration for WSA 82/102	228945	229045
13	Flat roof penetration for WSA 82/102	228950	229050
14	Universal pitched roof penetration for WSA 81/101 and WSA 83/103	228970	229070
15	Flat roof penetration for WSA 81/101 and WSA 83/103	228975	229075
16	Exhaust gas pipe with condensate drain, length 185 mm	228955	229055
17	Protective grid for combustion air intake	228960	229060
18	Connection ports with test nipple	228980	229080
19	Roof penetration, LAS system with burner fresh air supply, incl. rain hood, "vertical" design, total length 1850 mm	228966	229066
20	Exhaust gas or fresh air pipe, length 185 mm	228967	229067

CE certificate no. CE 0432-BPR-119933

Chimney height

Series	А	В	С
GPM 15	5.15	5.65	2.65
GPM 25	5.15	5.65	2.65
GPM 35	5.15	5.65	2.65
GPM 55	5.25	5.75	2.65
GPM 75	5.30	5.80	2.80

Dimensions in meters

Note

Please observe the following pipe diameters when planning the necessary roof penetrations.

Series	Туре	Pipe Ø
GPM 15	WSA 81	125 mm
GPM 15	WSA 82	95 mm
GPM 15	WSA 83	125 mm
GPM 25	WSA 81	125 mm
GPM 25	WSA 82	95 mm
GPM 25	WSA 83	125 mm
GPM 35	WSA 81	125 mm
GPM 35	WSA 82	95 mm
GPM 35	WSA 83	125 mm
GPM 55	WSA 81	125 mm
GPM 55	WSA 82	95 mm
GPM 55	WSA 83	125 mm
GPM 75	WSA 101	150 mm
GPM 75	WSA 102	115 mm
GPM 75	WSA 103	150 mm

GAS/GROSS CALORIFIC VALUE HEATING SYSTEMS

REAK

GPC series with modulating gas burner in condensing design



REMKO GPC

REMKO GPC 75

Hall heating with the highest energy efficiency

The REMKO series is characterised by their compact dimensions, flexible application possibilities, and particularly by their microprocessor controlled gas burner technology. A total of three unit sizes with a heating capacity from 10.2 to 73.2 kW are available. The units are suitable for both wall and ceiling mounting. A variety of exhaust gas and fresh air versions rounds out the flexible installation possibility of this series of units.

Achieve maximum output

With the gross calorific value technology, the energy contained in the exhaust gas is extracted from condensation in the heat exchanger.

In the process, the efficiency is optimized to a maximum.

- High energy efficiency with condensing design and modulating gas burner technology
- Very flexible application possibilities
- Space-saving mounting on the wall or ceiling
- Rapid, cost-effective installation

- Wide range of accessories available
- Sound-optimized through series-standard Ziehl-Abegg fans
- Combustion chamber in INOX steel



High energy efficiency using modulating gas burner technology

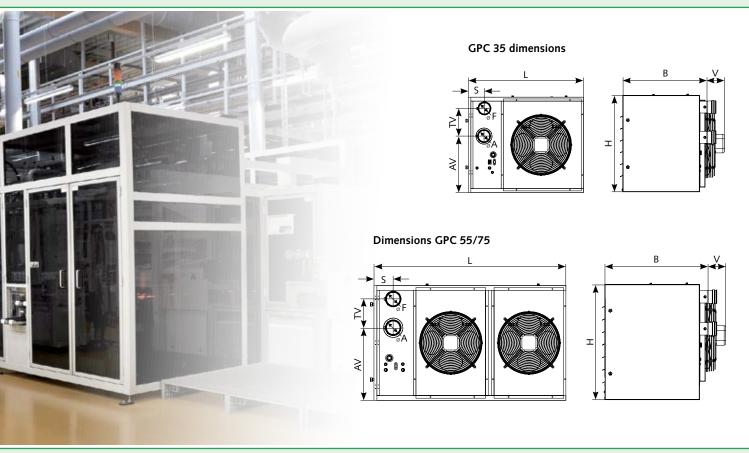


Microprocessor-controlled technology



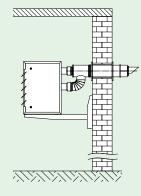
REMKO GPC 35





Outside wall installation

Unit installation, including the exhaust gas and fresh air versions, takes place according to classifications C13, C33, C43, C53, C63, and B23 of DVGW-TRGI 2008. The gas connection must be performed by a licensed installer. Before the installation of the exhaust gas duct through the outside wall, the district heating inspector must be consulted.



Exhaust gas duct through wall with burner fresh air supply

Dimensions of GPC 35/-75

Series		L	В	н	V	А	F	AV	TV	S	
GPC 35	mm	900	640	650	140	80	80	367	204	105	
GPC 55	mm	1240	640	740	140	80	80	457	204	105	
GPC 75	mm	1400	750	810	140	100	100	511	204	130	

Technical data

Series		GPC 35	GPC 55	GPC 75	
Rated heat load	kW	10.1 – 34.8	15.5 – 58.0	22.0 - 78.0	
Rated heat capacity	kW	10.2 – 32.8	16.1 – 53.6	23.1 – 73.2	
Condensate	l/h	0.77	0.91	2.20	
Air capacity	m³/h	3,800	5,200	6,800	
Fuel			Natural gas / propa	ne gas	
Gas flow rate – natural gas H	m³/h	1.06 – 3.68	1.64 – 6.13	2.32 - 8.25	
Gas flow rate – natural gas L	m³/h	1.24 – 4.28	1.90 – 7.13	2.70 – 9.59	
Gas flow rate – propane gas	kg/h	0.79 – 2.70	1.20 – 4.51	1.71 – 6.06	
Max. length of gas jet	m	24	26	28	
Voltage supply	V/Hz	230/1~/50	230/1~/50	230/1~/50	
Exhaust connection Ø	mm	80	80	100	
Fresh air connection Ø	mm	80	80	100	
Weight	kg	102	117	175	

GAS/GROSS CALORIFIC VALUE HEATING SYSTEMS

REMKO

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GPC series with modulating gas burner in condensing design

Areas of application

- Sales rooms
- Warehouses
- Production halls
- Retailers and supermarkets
- Trade areas
- Sports arenas

Technical data

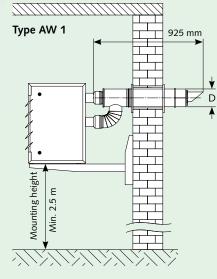
Series *		GPC 35	GPC 55	GPC 75
Rated heat load	kW	10.1 – 34.8	15.5 – 58.0	22.0 - 78.0
Rated heat capacity	kW	10.2 – 32.8	16.1 – 53.6	23.1 – 73.2
Air capacity	m³/h	3,800	5,200	6,800
Design Ref. no.		Natural gas H 225530	Natural gas H 225545	Natural gas H 225560
Design Ref. no.		Natural gas L 225531	Natural gas L 225546	Natural gas L 225561
Design Ref. no.		Propane gas 225540	Propane gas 225555	Propane gas 225570
* The gas connection must be performed by	a licensed installer.			
Switchgear and control units				
Electronic temperature controller for 1 unit, IP 30 protection class, automatic day/night e electrical remote control, error and operation	conomy, weekly programme,	1011361	1011361	1011361
Electronic temperature controller for 1-30 ur G, surface installation, protection class IP 54, weekly programme, electrical remote control for mixed temperature, error and operation r	automatic day/night economy, , external thermostat connection	1011363	1011363	1011363
External temperature probe for ATR-6 G				
		1011364	1011364	1011364
Accessories				
Wall bracket				
Design: Standard		228760	228760	228760
Wall bracket				000 7 6-
Design: Rotary		228761	228762	228763
Mounting set for attachment to ceiling		220765	220765	220765
with horizontal air discharge, complete, Type		228765	228765	228765
Gas connection tube made of stainless steel	fabric,	220760	220760	220760
length 500 mm		228768	228768	228769
Neutralisation box		260400	260400	260400
Condensate pump for neutralisation box		200400	200400	200400
Condensate pump for neutralisation box		260410	260410	260410
Condensate tube for neutralisation box, runr	ping metre	200410	200410	200410
concensate tube for neutralisation box, full		260420	260420	260420
Refill granulate for neutralisation box		200720	200720	200720
Senii Standiate for neutransation DOX		260430	260430	260430
		200-00	200-30	200430





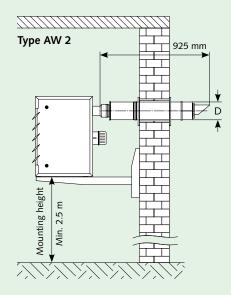
Electronic temperature regulation, Type ATR-6, Ref. no. 1011361

LAS balanced flue system through the wall with burner fresh air supply



Electronic temperature controller, Type ATR-6 G, Ref. no. 1011363

Exhaust gas duct through wall



Note

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Please observe the following pipe diameters during planning:

Series	Pipe Ø D
GPC 35	125 mm
GPC 55	125 mm
GPC 75	150 mm

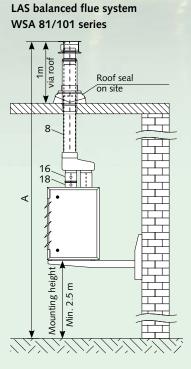
For sample installations, see Type **AW 1** and **AW 2**

Exhaust gas duct, outside wall

Series	GPC 35	GPC 55	GPC 75
LAS balanced flue system with integrated burner fresh air supply for exterior	01035	01035	
wall installation, incl. wind guard, 925 mm long, Type AW 1	228770	228770	228771
Exhaust gas pipe for exterior wall installation, incl. wind guard and protective	228770	228770	220771
	228772	228772	228773
grid for combustion air intake, 925 long, Type AW 2	228/72	220//2	228//3
Individual sections			
Exhaust gas or fresh air pipe, length 250 mm			
	228868	228868	228869
Exhaust gas or fresh air pipe, length 500 mm			
	228871	228871	228876
Exhaust gas or fresh air pipe, length 1000 mm			
	228872	228872	228877
Exhaust or fresh air joint, 90°			
·	228910	228910	229010
Exhaust or fresh air joint, 45°			
	228909	228909	229009
Exhaust gas pipe with condensate drain, length 185 mm			
	228955	228955	229055
Protective grid for combustion air intake			
	228960	228960	229060
CE certificate no. CE 0432-BPR-119933			

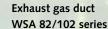


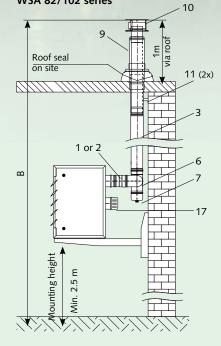
GPC series with modulating gas burner in condensing design



LAS balanced flue system via roof with burner fresh air supply WSA 81/101 series, single-walled aluminium, complete *Consisting of:

- Pos. 8 1 unit roof penetration LAS system with burner, fresh air supply, incl. rain hood, overall length 1850 mm
- Pos. 16 1 exhaust gas pipe with condensate drain, vertical, length 185 mm
- Pos. 18 1 connection port with test nipple





Exhaust gas duct via roof WSA 82/102 series, single-walled aluminium, complete, * Consisting of:

- Pos. 1 1 exhaust gas or fresh air pipe, length 250 mm (for WSA 102)
- Pos. 2 1 exhaust gas or fresh air pipe, length 500 mm (for WSA 82)
- Pos. 3 1 exhaust gas or fresh air pipe, length 1000 mm
- Pos. 6 1 T-connection, 90°
- Pos. 7 1 cleaning component with condensate drain
- Pos. 9 1 roof penetration
- Pos. 10 1 rain hood
- Pos. 11 2 wall mounts
- Pos. 17 1 protective grid for
 - combustion air intake

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Chimney height

Series	Α	В	С
GPC 35	5.15	5.65	2.65
GPC 55	5.25	5.75	2.65
GPC 75	5.30	5.80	2.80

Dimensions in meters

Note

Please observe the following pipe diameters when planning the necessary roof penetrations.

Series	Туре	Pipe Ø
GPC 35	WSA 81	125 mm
GPC 35	WSA 82	95 mm
GPC 55	WSA 81	125 mm
GPC 55	WSA 82	95 mm
GPC 75	WSA 101	150 mm
GPC 75	WSA 102	115 mm

Exhaust gas duct via roof

	Exhaust gas duct via roof		
	Appropriate for unit type	GPC 35-55	GPC 75
	Series	WSA 81	WSA 101
	LAS balanced flue system with integrated burner		
	fresh air supply		
	Ref. no.	228901	229001
	Series	WSA 82	WSA 102
	Exhaust system incl. protective grid, for combustion air extraction from the installation room		
	Ref. no.	228902	229002
	* Pitched/flat roof penetration should also be ordered whe	re required	
	Individual sections	Ref. no.	Ref. no.
1	Exhaust gas or fresh air pipe,	228868	228869
	length 250 mm		
2	Exhaust gas or fresh air pipe, length 500 mm	228871	228876
3	Exhaust gas or fresh air pipe,	228872	228877
5	length 1000 mm	220072	220077
4	Exhaust or fresh air joint, 90°	228910	229010
5	Exhaust or fresh air joint, 45°	228909	229009
6	T-connection, 90°	228915	229015
7	Cleaning component with condensate drain	228920	229020
8	LAS system roof penetration with burner fresh air supply, including rain hood, total length 1850 mm	228965	229065
9	Roof penetration, total length 1500 mm	228930	229030
10	Rain hood	228935	229035
11	Wall mount	228940	229040
12	Universal slanted roof penetration for WSA 82/102	228945	229045
13	Flat roof penetration for WSA 82/102	228950	229050
14	Universal pitched roof penetration for WSA 81/101 and WSA 83/103	228970	229070
15	Flat roof penetration for WSA 81/101 and WSA 83/103	228975	229075
16	Exhaust gas pipe with condensate drain, length 185 mm	228955	229055
17	Protective grid for combustion air intake	228960	229060
18	Connection ports with test nipple	228980	229080
19	Roof penetration, LAS system with burner fresh air supply, incl. rain hood, "vertical" design, total length 1850 mm	228966	229066
20	Exhaust gas or fresh air pipe, length 185 mm	228967	229067
CE	certificate no. CE 0432-BPR-119933		

CE certificate no. CE 0432-BPR-119933

UNIVERSAL HEATING SYSTEMS

VRS universal heating systems in a planning-oriented modular system For oil and gas combustion

33



REMKO VRS

Rapid heat, adapted to your needs

For economical heating in industrial halls and warehouses, workshops, sports centers and exhibition halls, or glass and plastic film greenhouses, these REMKO heating systems are incomparable. Whether you use EL heating oil, propane or natural gas, VRS heating units always generate the heat you need: quickly, safely, and economically.

In contrast with conventional hot water heating systems, these heating systems function without a preheating time. In addition, the decentralized setup lowers mounting and investment costs in rooms to be heated. The combustion-technical efficiency amounts to up to 93%.

- Space-saving installation with low mounting effort
- Combustion chamber with stainless steel heat exchanger
- Individual equipping with air filters and louvre dampers possible in the air intake
- Air duct connection possibilities

- Flexible usage possibilities
- High quality and long service life
- Noiseless radial fans
- Easy access to all components due to maintenance-friendly design



Electronic moisture-proof room thermostat, Type ETR-1, no connection accessories Ref. no. 1011241

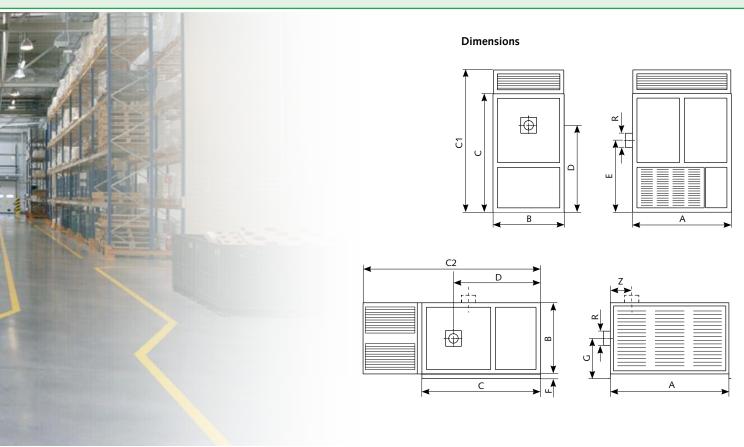


Electronic temperature regulation, Type ATR-5, surface mounting Ref. no. 1011342



REMKO VRS Horizontal design





VRS dimensions

Series		VRS 25	VRS 50	VRS 75	VRS 100	VRS 130	VRS 170	VRS 200	VRS 270	VRS 340	VRS 440	VRS 540
А	mm	850	1,000	1,250	1,250	1,530	1,650	1,650	1,690	1,690	2,305	2,305
В	mm	600	800	800	900	1,010	1,200	1,200	1,290	1,290	1,770	1,770
С	mm	1,200	1,400	1,400	1,500	1,735	1,900	1,900	2,400	2,400	3,270	3,270
C1	mm	1,500	1,700	1,700	1,800	2,095	2,260	2,260	2,960	2,960	4,030	4,030
C2	mm	1,570	1,870	2,070	2,270	2,510	2,675	2,775	3,535	3,535	4,770	4,770
D	mm	955	1,050	1,050	1,100	1,230	1,330	1,330	1,090	1,090	1,535	1,535
E	mm	815	900	900	910	1,075	1,160	1,160	2,055	2,055	2,865	2,865
F	mm	35	35	35	35	35	35	35	40	40	40	40
G	mm	335	435	435	485	540	635	635	685	685	925	925
Rø*	mm	150	150	180	180	200	200	200	300	300	350	350
Z	mm	190	190	190	190	-	-	-	-	-	-	-
Weight	kg	150	240	310	360	550	730	820	832	874	1,542	1,792
C1 = Dim hood HG	ensions wi	th air discharge	C2 = Dimen hood HB 90	sions with air	discharge		*Changes are calculation a			tice and are b	based on cros	s-section

Technical data

Series		VRS 25	VRS 50	VRS 75	VRS 100	VRS 130	VRS 170	VRS 200	VRS 270	VRS 340	VRS 440	VRS 540
Max. rated heat load	kW	33	62	89	125	160	208	249	278	332	442	543
Rated heat capacity	kW	29	57	83	116	149	193	232	254	305	405	499
Air capacity	m³/h	1,760	3,950	5,270	7,950	9,800	12,000	13,900	18,960	22,690	30,480	37,170
Fuel						EL heating	g oil, natura	l gas, or liqu	uid gas			
Max. fuel consumption *	kg/h	2.8	5.2	7.5	10.6	13.5	17.5	21.0	23.4	28.0	37.3	45.8
Voltage supply	V/Hz	* *	* *				400/3~N/5	50				
* • • • • • • • • • • • • • • • • • • •		* * 100/0										

* When using EL heating oil

** 400/3~N/50 or 230/1~/50

Tailored solutions for every situation

REMKO VRS heating units are manufactured according to the highest technical specifications. Without a time-consuming installation as conventional hot water heating systems. The devices are suited not only as individual units, but also as centralized units for channel connection. Extensive special accessories on the air intake and discharge sides are available. The intake air is heated using a heat exchanger with an oil or gas burner and is then distributed evenly throughout the room using a silent radial fan. In summer, this fan provides pleasant fresh air. Our range of units with heating capacities ranging from 33 to 543 kW enables you to select the right type of unit.



Ready-to-install combustion chamber with stainless steel heat exchanger

UNIVERSAL HEATING SYSTEMS

VRS series in a planning-oriented modular system for oil and gas combustion

Technical data

Max. Intel hard and WV 33 60 89 135 Descine that isource in with a blance '' with a distance w	Series			VRS 25	VRS 50	VRS 75	VRS 100
Ar capacity m/h 1.760 3.590 5.270 7,590 with ad scharge hood, H sold, an wetting and other wetting and botty of the sold and scharge hood. 360110 361110 362210 362100 36210 362100							
Basing systems with all same* Section Section Section Writed with Dickners who addedues Section Section Section Section Heading systems with addecating in the section grant of the section grant							
Heating systems with all barrer Doctor Doctor Doctor Doctor Doctor drimery adgres: Horizontal unit, nerr drimery adgres: Horizontal unit, berkage right 360310 363310 362310 362310 362310 Heater Without and Schware Without and Schware Horizontal unit. Dischware first Horizontal unit. Dischware horizontal transmitted in the Dischware horizontal metar without and schware metar without and Schware horizontal unit. Dischware horizontal transmitted in the Dischware horizontal metar without address horizontal unit. Dischware horizontal pressure Pressure pressure 1,1 36000 0.6 361000 1,0 362000 0.8 36300 Surchware for increased pressure Pressure Pressure pressure 1,1 360000 1,4 310000 1,6 360010 1,6 360010 1,6 360010 1,7 360000 Surchware for increased pressure Pressure Pressure pressure 1,3 360000 1,6 360010 1,6 36,0 36,0 36,0 36,0 36,0 36,0 36,0 36,0	heating systems with oil burner * with air discharge hood, 4-sided, with sy control units, rear chimney adapter	witching and		1,760	005,2	5,270	7,900
dnmmer addition 362210 362210 362210 362210 362210 362210 362210 362210 362210 362310 363300 6133330 363300 3633	heating systems with oil burner *with			360110	361110	362110	363110
book R-B0, with switching and control units, profile 363310 363310 363310 Heiler without lume minor adapter. How and provide a structure without lume. The structure without lume. The structure lime is a structure lime is a structure lime. The structure lime lime is a structure lime. The structure lime is a structure lime. The structu	chimney adapter. Horizontal unit: Disch	arge left		360210	361210	362210	363210
Without ard dischage hoad, with switchger and product and discharge hoad, with switchger and product and with switchger and pro	hood HB-90, with switching and contro chimney adapter. Horizontal unit; Disch	ol units, rear		360310	361310	362310	363310
p external mbar 2.2 360007 2.8 360007 3.3 360008 3.3 360008 3.3 360008 3.3 360008 3.5 360000 3.5 3600008 3.5	Without air discharge hood, with switcl control units, rear exhaust pipe adapter Vertical unit Discharge above Horizontal unit Discharge left		p external	1.1 360050	0.6 361050	1.0 362050	0.8 363050
Fan of burner 946010 992050 1992051 1992057 1992051 1992091 1992099 1992099 1992099 199209 1992109 1992110 1992110 1992117	Surcharge for increased pressure		p external	2.2 360007	2.0 361007 3.3 361008	2.3 362007 3.0 362008	2.4 363007
Of Hiter 38', 2-strand design 1002526 1002526 1002526 1002526 Burner fresh-air bar 290205 291205 292205 293205 Burner fresh-air bar 290205 291205 293205 1092207 Instep Resulte (delivery length, 5 m jumped) 1090207 1090207 1090207 Instep Resulte (delivery length, 5 m jumped) 1090209 1090209 1090209 Instep Resulte (delivery length, 5 m jumped) 1090209 1090209 1090209 Instep Resulte (delivery length, 5 m jumped) 1090209 1090209 1090209 Instep Resulte (delivery length, 5 m jumped) 1090209 1090209 1090209 Instep Resulte (delivery length, 5 m jumped) 1095207 95470 95470 Instep Resulte (delivery length, 5 m jumped) 1091209 291160 291160 291170 293169 Instep Resulte (delivery length, 5 m jumped) 109112 291170 293170 293170 Instep Resulte (delivery length, 5 m jumped) 10916 291170 293172 293172 Instep Resulte (delivery length, 5 m jumped) 2	Burner, WLE design ***						
Burner fresh-air pipe, flexible (delivery length, 5 m jumped) 1090207 1090207 1090207 Intake part with protective grid (burner fresh air) 1090209 1090209 1090209 Fan-assided natural gas burner **** 954605 954610 954620 954640 Fan-assided natural gas burner **** 954705 954710 954720 954740 Ar discharge hoods with ai orubus grids for direct air discharge 954705 954710 921169 293169 3-sided F-RH-L / Re+R-L Type HG 290170 293170 293170 293170 4-sided F-RH-L / Re+H-R Type HG 290172 293171 363171 363171 363171 Discharge hood 90° F/Re Type HG 290105 291105 292105 293100 Protective grid for air intake Pos. N Type S 290105 291101 292110 293110 Dust filter, asided for frea air intake Pos. N Type S 290112 291111 293111 293113 Dust filter, asided for frea air intake Pos. HI Type F 290114 291114 <td>Oil filter 3/8", 2-strand design Oil filter 3/8", 1-strand design</td> <td></td> <td></td> <td>1002526 1002500</td> <td>1002526 1002500</td> <td>1002526 1002500</td> <td>1002526 1002500</td>	Oil filter 3/8", 2-strand design Oil filter 3/8", 1-strand design			1002526 1002500	1002526 1002500	1002526 1002500	1002526 1002500
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Air discharge hoods with air outlet grids for direct air discharge 9 3-sided F-Ri-L, Reer, KH_ Type HG 290169 291170 292170 293170 3-sided F-Ri-L, Reer, KH_ Type HG 290170 291170 292170 293170 4-sided F-Ri-L-Re Type HG 360171 361171 363171 363171 Discharge hood 90° F/Re Type HB-90 290172 291172 292172 293172 Air intake accessories and wall brackets Type HB-90 290105 292106 293109 Periodicity and the processories and wall brackets Metal panel Pos. IV Type SG 290100 291100 292110 293110 1111 1292110 293111 1111 1292110 293111 1293111 1293111 1293111 1293111 1293111 1293111 1293111 1293111 1293111 1293112 293113 293113 293113 293113 293113 293113 293113 293113 293114 293114 293114 293114 293114 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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Wall bracket for horizontal device ****322210321212325210325210Special design </td <td>Actuator, infinitely variable, with remote</td> <td>e potentiomet</td> <td>er, surface mounting</td> <td>320251</td> <td>320251</td> <td>320251</td> <td>320251</td>	Actuator, infinitely variable, with remote	e potentiomet	er, surface mounting	320251	320251	320251	320251
Special designImage: Special design of 2 = left, Ref. no. last digit of 3 = top)290061291061292061293061Exhaust gas adapt., right (Ref. no. last digit of 2 = left, Ref. no. last digit of 3 = top)290061291061292061293061Other accessoriesMoisture-proof room thermostat, Type RT-1, IP 54, without connection accessories1011240101124010112401011240Moisture-proof room thermostat, Type RT-5, IP 54, ready for plug assembly101125010112501011240Electronic moisture-proof room thermostat, Type ETR-1, with display, IP 54 protection class, without connection accessories101124110112411011241Fully automatic, differential temperature controller, Type ATR-3, including temperature probe, weekly programme, IP 54 protection class101134010113401011340Electronic temperature controller, Type ATR-4, with temperature probe, surface mounting, weekly programme, IP 20 protection class101134010113401011340Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 20 protection class101134210113421011342Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Electronic temperature controlle							
Exhaust gas adapt., right (Ref. no. last digit of 2 = left, Ref. no. last digit of 3 = top)290061291061292061293061Other accessoriesMoisture-proof room thermostat, Type RT-1, IP 54, without connection accessories1011240101124010112401011240Moisture-proof room thermostat, Type RT-5, IP 54, ready for plug assembly10112501011250101124110112411011241IP 54 protection class, without connection accessories10112411011241101124110112411011241IP 54 protection class, without connection accessories10112901011290101129010112901011290Fully automatic, differential temperature controller, Type ATR-3, including temperature probe, weekly programme, IP 54 protection class1011340101134010113401011340Electronic temperature controller, Type ATR-4, with temperature probe, surface mounting, weekly programme, IP 20 protection class1011342101134210113421011342Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Electronic temperature probe set for 4-point1011343101134310113431011343		•		322210	321212	325210	325210
Other accessories Other accessories Moisture-proof room thermostat, Type RT-1, IP 54, without connection accessories 1011240 1011240 1011240 Moisture-proof room thermostat, Type RT-5, IP 54, ready for plug assembly 1011250 1011250 1011241 1011241 1011241 Electronic moisture-proof room thermostat, Type RTR-1, with display, IP 54 protection class, without connection accessories 1011241 1011241 1011241 1011241 Fully automatic, differential temperature controller, Type ATR-3, including temperature probe, weekly programme, IP 54 protection class 1011340 1011340 1011340 1011340 Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 50 protection class 1011342 1011342 1011342 1011342 Temperature probe set for 4-point 1011343 1011343 1011343 1011343		() 1.4 D.4		200064	201061	202064	2020/1
Moisture-proof room thermostat, Type RT-1, IP 54, without connection accessories101124010112401011240Moisture-proof room thermostat, Type RT-5, IP 54, ready for plug assembly101125010112501011240Electronic moisture-proof room thermostat, Type ETR-1, with display, IP 54 protection class, without connection accessories101124110112411011241Fully automatic, differential temperature controller, Type ATR-3, including temperature probe, weekly programme, IP 54 protection class101129010112901011290Electronic temperature controller, Type ATR-4, with temperature probe, surface mounting, weekly programme, IP 20 protection class101134010113401011340Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Temperature probe set for 4-point1011343101134310113431011343	Exhaust gas adapt., nght (Ref. no. last digit d) 2 = leit, kei.	no. last digit of $3 = top)$	290061	291061	292061	293061
Moisture-proof room thermostat, Type RT-5,IP 54, ready for plug assembly10112501011250Electronic moisture-proof room thermostat, Type ETR-1, with display, IP 54 protection class, without connection accessories101124110112411011241Fully automatic, differential temperature controller, Type ATR-3, including temperature probe, weekly programme, IP 54 protection class101129010112901011290Electronic temperature controller, Type ATR-4, with temperature probe, surface mounting, weekly programme, IP 20 protection class101134010113401011340Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Temperature probe set for 4-point1011343101134310113431011343							
Electronic moisture-proof room thermostat, Type ETR-1, with display, IP 54 protection class, without connection accessories101124110112411011241Fully automatic, differential temperature controller, Type ATR-3, including temperature probe, weekly programme, IP 54 protection class101129010112901011290Electronic temperature controller, Type ATR-4, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134010113401011340Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Temperature probe set for 4-point1011343101134310113431011343						1011240	1011240
including temperature probe, weekly programme, IP 54 protection class101134010113401011340Electronic temperature controller, Type ATR-4, with temperature probe, surface mounting, weekly programme, IP 20 protection class101134010113401011340Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class101134210113421011342Electronic temperature probe set for 4-point1011343101134310113431011343	Electronic moisture-proof room thermo	stat, Type ETF	R-1, with display,	1011241	1011241	1011241	1011241
surface mounting, weekly programme, IP 20 protection class Image: Constraint of the surface mounting, weekly programme, IP 54 protection class Electronic temperature controller, Type ATR-5, with temperature probe, surface mounting, weekly programme, IP 54 protection class 1011342 1011342 1011342 1011342 Temperature probe set for 4-point 1011343 1011343 1011343 1011343	including temperature probe, weekly p	rogramme, IP	54 protection class	1011290	1011290	1011290	1011290
surface mounting, weekly programme, IP 54 protection class 1011343 1011343 Temperature probe set for 4-point 1011343 1011343 1011343	surface mounting, weekly programme,	IP 20 protect	ion class		1011340	1011340	1011340
Temperature probe set for 4-point 1011343 1011343 1011343 mixed temperature recording***** 1011343 1011343 1011343	surface mounting, weekly programme,						
	Temperature probe set for 4-point mixed temperature recording*****			1011343	1011343	1011343	1011343

* Brand product of our choice

** Attention: In the case of unit orders without combustion-technical commissioning we provide the burners in the box separately without preadjustment. *** The gas connection must be made by a licensed installer.

**** In the case of exhaust gas systems for internal mounting, please enter the bracket length in the order.



With switch box in the standard design



All components which control the fan and burner are organised in a clear manner in the switch cabinet. For external control, various thermostats and controls are included in the accessories range.

VRS 130	VRS 170	VRS 200	VRS 270	VRS 340	VRS 440	VRS 540
160	208	249	277	332	442	543
149	193	232	254	305	405	499
9,800	12,000	13,900	18,960	22,680	30,480	37,170
364110	365110	366110	_	_	_	_
_	_	_	_	_	_	_
_	_	_	_	_	_	_
1.0 364001 1.0 364050 1.0 364060	0.5 365001 0.5 365050 0.5 365060	0.7 366001 0.7 366050 0.7 366060	0.5 330000 0.5 330010 0.5 330020	0.6 331000 0.6 331010 0.6 331020	0.5 332000 0.5 332010 0.5 332020	0.5 333000 0.5 333010 0.5 333020
1.7 364006 2.6 364007	1.33650061.73650072.63650084.1365009	1.4 366006 2.2 366007 3.4 366008	0.9 330006 2.1 330007 2.9 330008 4.0 330009	1.0 331006 1.9 331007 2.8 331008	0.9 332006 2.0 332007 2.9 332008 3.8 332009	0.9 333006 2.1 333007 3.0 333008 3.9 333009
948010 1002526 1002500	948510 1002526 1002500	949010 1002526 1002500	949010 1002526 1002500	949010 1002526 1002500	950015 1002526 1002500	950015 1002526 1002500
294205	295205	296205	330205	331205	332205	333205
1008400	1008400	1008400	1008400	1008395	1008395	1008395
1094209	1094209	1094209	1094209	1094210	1094210	1094210
954640	954650	954660	954660	954660	954685	954695
954740	954750	954760	954760	954760		
294169	295169	296169	330169	331169	332169	333169
294170	295170	296170	330170	331170	332170	333170
364171	365171	366171	330171	331171	332171	333171
294172	295172	296172	330172	331172	332172	333172
204405	205405	206405	220405	224405	222405	222405
294105	295105	296105	330105	331105	332105	333105
294109	295109	296109	330109	331109	332109	333109
294110	295110	296110	330110	331110	332110	333110
294123	295123	296123	330123	331123	332123	333123
<u>294111</u> 294112	295111 295112	296111	330111	331111	332111	333111
		296112 296113	330112	331112	332112	333112
<u>294113</u> 294114	295113 295114	296113	330113 330114	331113 331114	332113 332114	333113 333114
294114	295114	296115	330115	331115	332114	333115
294119	295115	296119	330119	331119	332119	333119
294119	295120	296119	330120	331120	332120	333120
320245	320245	320245	320245	320245	320245	320245
320245	320245	320245	320245	320245	320245	320245
294210	295210	296210	325210	325210	-	-
328210	327212	327212	325210	325210	-	_
520210	521212	527212	527212	527212		
			_	_	_	
_	_	-	-	-		-
1011240	1011240	1011240	1011240	1011240	1011240	1011240
1011241	1011241	1011241	1011241	1011241	1011241	1011241
1011290	1011290	1011290	1011290	1011290	1011290	1011290

1011241	1011241	1011241	1011241	1011241	1011241	1011241
1011290	1011290	1011290	1011290	1011290	1011290	1011290
1011340	1011340	1011340	1011340	1011340	1011340	1011340
1011342	1011342	1011342	1011342	1011342	1011342	1011342
1011343	1011343	1011343	1011343	1011343	1011343	1011343

***** Can only be set in combination with electronic temperature regulation (ETR-1, ATR-3, ATR-4, ATR-5 and MAK-2)

HOT WATER HEATING SYSTEMS

PWW series The intelligent supplement to hot water heating systems



REMKO PWW in painted design (surcharge)

The unit is supplied with a galvanised design in the standard version.

REMKO PWW

Best suited for warehouses and supermarkets

The sophisticated design is suitable for both wall and ceiling installation. With a thermal output ranging from 4 to 135 kW, an optimum expansion of existing or planned water-heating systems is possible at any time. Easily attachable mounting brackets permit a rapid installation of the devices.

The load-bearing, galvanised, solid steel sheet housings are already supplied. The air discharge fins are individually infinitely variable. The heat exchangers are delivered with a copper-aluminium finish. REMKO PWW units are designed for warm and hot pump water at temperatures up to 110°C and a max. permissible operating pressure of 16 bar. An aerodynamically shaped, silent Ziehl-Abegg sickle-shaped axial fan with a maintenance-free three-phase two-speed external rotor motor is installed as standard.

- Fitted as standard with a Ziehl-Abegg sickle-shaped axial fan
- Speed range regulation
 2-way and 5-way optional
- High-quality design and construction
- Extremely low noise by using optimum coordinated components
- Low spatial requirements
- Extremely easy to service

Capacity data summary

Series		PWW 30-4		PWW 50-4		PWW 80-4		PWW 100-4	l .
Max. thermal output at 80/60 and air intake temperature of –15°C	kW	30		53		85		126	
PWW heating medium	°C	90/70	75/65	90/70	75/65	90/70	75/65	90/70	75/65
Thermal output	kW	27.8/24.1	17.8/15.0	45.1/39.8	29.1/26.3	75.6/64.3	47.3/40.9	110.9/96.3	72.8/64.7
at air intake temperature	tLE °C	± 0	+ 20	± 0	+ 20	± 0	+ 20	± 0	+ 20
at air outlet temperature	tLA °C	42/46	52/55	39/41	49/52	44/48	52/55	40/43	51/53
Nominal air flow rate	m³/h	1850/1500	1850/1500	3150/2770	3150/2770	4730/3700	4730/3700	7670/6180	7670/6180
Sound pressure level	dB(A)	55/49	55/49	58/54	58/54	55/49	55/49	59/55	59/55
Heating medium connection	Inch	R1 ¼	R1 1/2	R1 ½					
Voltage supply	V/Hz				400/3	3~/50			
Weight	kg	27	27	36	36	51	51	68	68



Technical data

Series		PWW 30-2	PWW 50-2	PWW 80-2	PWW 100-2
Heat exchanger package with 2 register rov	VS	1686010	1686040	1686070	1686100
Series		PWW 30-3	PWW 50-3	PWW 80-3	PWW 100-3
Heat exchanger package with 3 register rov	VS	1686020	1686050	1686080	1686110
Series		PWW 30-4	PWW 50-4	PWW 80-4	PWW 100-4
Heat exchanger package with 4 register rov		1686030	1686060	1686090	1686120
teat exchanger package with 4 register for	vs	1000000	100000	1686090	1000120
pecial formats					
Series		PWW 30	PWW 50	PWW 80	PWW 100
xtra cost for unit lacquer coating n RAL colours as required		1686001	1686002	1686003	1686004
Switchgear		1686200	1686200	1686200	1696200
Switchgear MSRD 4.0, 2-stage, 400 V Switchgear MSRD-K, 2-speed, 400 V, incl.	frost-	1686200 1686201	1686200 1686201	1686200 1686201	1686200 1686201
protection and mixed-air flap control (open		1686201	1686201	1686201	1686201
MAK-2, 2-speed, 400 V, fully electronic des uutomatic operation, including frost-protec	tion and	385330	385330	385330	385330
nixed-air flap control, day/night temperatu	ire regulation	385300	385300	385300	385300
witchgear 3 EG, 5-stage, 3.0 A, 400 V witchgear 5 EG, 5-stage, 5.2 A, 400 V		385300	385300	385300	385300
epair switch RS 3, separate		513100	513100	513100	513100
Notor terminal box AKG-5 for a parallel gr f max. 5 units	oup control	385303	385303	385303	385303
ccessories					
rackets for wall and ceiling mounting	KO	385217	385218	385219	385220
Vall brackets for filter and mixed ir box combination	WFM	385370	385371	385372	385373
resh-air intake hood	ALH	385375	385376	385377	385378
ain collar with duct section, 1000 mm	RK	385380	385381	385382	385383
uct adapter, 500 mm	KA 5	385385	385386	385387	385388
uct adapter, 1000 mm	KA 10	385390	385391	385392	385393
exible pipe	SG	385395	385396	385397	385398
ter box	FK	385400	385401	385402	385403
placement filter mat	EF	385405	385406	385407	385408
ixed-air box without actuator	MLK	385410	385411	385412	385413
ecirculating air intake fitting	UA	385415	385416	385417	385418
esh-air intake grid	AG	385420	385421	385422	385423
r discharge shutter (vertical fins)	В	385193	385194	385195	385196
eiling air discharge nozzle	AD	385213	385214	385215	385216
ir discharge hood, 4-sided	HG	385197	385198	385199	385212
ap actuator, Off/Pause/On	KSH	385290	385290	385290	385290
ap actuator, infinitely variable	KSP	385289	385289	385289	385289
position switch, surface mounting	SK	290246	290246	290246	290246
emote potentiometer, surface mounting ost protection thermostat	FP FS	385288	385288	385288	385288
rcular exhaust for foil tube connector 450		385305 1085310	385305 1085320	385305	385305
ircular exhaust for foil tube connector 450		10000	10000020	1085330	1085340
jection vent, fitted to the wall	IJ	385350	385351	385352	385353
jection vent, fitted to the wall	U	385360	385361	385362	385363
	4	55550	565501	505502	505505
ther accessories					
loisture-proof room thermostat, Type RT- ithout connection accessories	1 , IP 54,	1011240	1011240	1011240	1011240
ectronic moisture-proof room thermostat, ith display, IP 54 protection class, without ccessories	1011241	1011241	1011241	1011241	
Illy automatic, differential temperature co I R-3 , including temperature probe, weekl 54 protection class	ntroller, Type y programme,	1011290	1011290	1011290	1011290
lectronic temperature controller, Type ATR- emperature probe, weekly programme, surf P 20 protection class		1011340	1011340	1011340	1011340
Electronic temperature controller, Type ATR-5 emperature probe, weekly programme, surfa P 54 protection class	. 0	1011342	1011342	1011342	1011342
		4044242	4044242	4044242	



Switchgear MSRD 4.0 2-speed



MSRD-K switchgear 2-speed



Electronic temperature controller, ATR-7



MAK-2, 400 V, fully automatic 2-speed control



Electronic temperature controller ATR-4

Temperature probe set for 4-point mixed temperature recording*

* Can only be set in combination with electronic temperature regulation (ETR-1, ATR-3, ATR-4, ATR-5, and MAK-2)

1011343

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HOT WATER HEATING SYSTEMS

PWW Series



REMKO PWW in galvanised design

Application examples:

- Wall opening appropriate to air inlet grid size.
- ② The mixed-air box is fastened to a load-bearing outside wall using the wall bracket WFM.
- ③ The recirculating air intake duct and the air intake adapter are attached to the outside wall on site.
- ④ The vertical section of this system arrangement is to be attached to the wall on site using brackets in such a way that the flexible pipes do not have to take up the load.

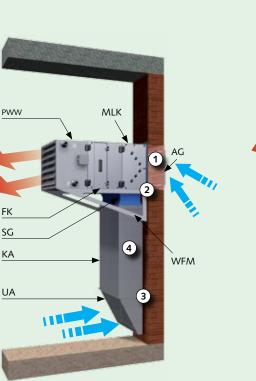
Legend:

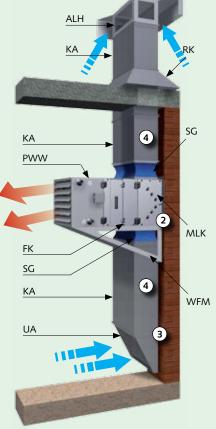
AG= Fresh-air intake gridALH= Fresh-air intake hoodFK= Filter boxKA= Duct adapterKO= BracketsMLK= Mixed-air boxRK= Rain collarSG= Flexible pipe

= Injection shutter

WFM = Wall bracket

Recirculating air/fresh air operation via the outside wall.





Recirculating air /fresh air

operation via the roof.

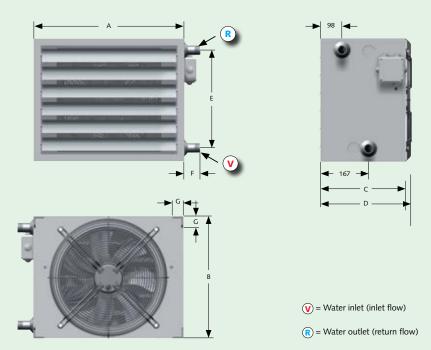
We reserve the right to make changes to dimensions and the design in the interest of technical advances.

IJ





Dimensions



Dimensions

Mass mm		PWW 30	PWW 30 PWW 50 PWW 80				PWW 100						
A		560			640		800			880			
В		440			515			630			740		
С		360		360			360			390			
D		403			406			412			452		
E		344			419		534			644			
F		80			80			80			80		
G		45			45		45			45			
Mass inch	30-2	30-3	30-4	50-2	50-3	50-4	80-2 80-3 8		80-4	100-2	100-3	100-4	
V	R ¾"	R 1"	R 1¼"	R ¾"	R 1"	R 1¼"	R 1"	R 1¼"	R 1¼"	R 1¼"	R 1½"	R 11⁄2"	
R	R ¾"	R 1"	R 1¼"	R ¾"	R 1"	R 1¼"	R 1"	R 1¼"	R 1¼"	R 1¼"	R 1½"	R 11⁄2"	

CEILING VENTILATION UNIT

PWL...H series The elegant solution for heating and cooling



Technical data

Series		PWL 101 H		PWL 102 H		PWL 103 H		PWL 201 H	
Max. thermal output at 90/70									
and air intake temperature of 0 °C	kW	16.5		26.7		34.4		20.8	
PWW heating medium	°C	90/70	70/50	90/70	70/50	90/70	70/50	90/70	70/50
Thermal output	kW		12.0/10.7	26.7/24.1	19.5/17.8	34.4/29.7	25.4/22.0	20.8/18.7	14.5/13.0
at air intake temperature	tLE °C	0	0	0	0	0	0	0	0
at air outlet temperature	tLA °C	23/24	16/18	38/41	28/31	51/54	37/40	19/20	13/14
Air capacity	m³/h	2030/1685	2030/1685	1960/1610	1960/1610	1885/1530	1885/1530	3110/2580	3110/2580
Sound pressure level	dB(A)	56/47	56/47	56/47	56/47	56/47	56/47	61/53	61/53
Heating medium connection	Inch	R1"	R1 "	R1 "	R1 "	R1 "	R1"	R1"	
Voltage supply	V/Hz				400/3	3~N/50			
Weight	kg	31		35		38		32	
Ref. no.		1687101		1687102		687103		1687201	
Switchgear									
Switchgear MSRD 4.0, 2-stage, 400 V		1686200		1686200		1686200		1686200	
MSRD-K switchgear, 2-speed, 400 V		1686201		1686201			1686201		
MAK-2 switchgear, 2-speed, 400 V, complet				385330		385330		385330	
for automatic operation including 24-hour te	emperature regulation								
Switchgear 3 EG, 5-stage, 3.0 A, 400 V		385300		385300		385300		385300	
Switchgear 5 EG, 5-stage, 5.2 A, 400 V		385301		385301		385301		385301	
Motor terminal box AKG-5, for parallel contro	ol of max. 5 units	385303		385303		385303		385303	
Accessories									
Unit brackets, fixed length 90 mm		Series		Series		Series		Series	
Unit brackets, adjustable, 90-145 mm		1687400		1687400		1687400		1687400	
Other accessories									
Moisture-proof room thermostat, Type RT-1	, IP 54,	1011240		1011240		1011240		1011240	
without connection accessories		-				1011240		1011240	
Electronic moisture-proof room thermostat, Type ETR-1, with		1011241		1011241		1011241		1011241	
display, IP 54 protection class, without connection accessories									
Electronic temperature controller, Type ATR-4 , with temperature		1011340		1011340		1011340		1011340	
probe, surface mounting, IP 20 protection cl	ass								
Electronic temperature controller, Type ATR-		1011292		1011292		1011292		1011292	
probe, surface mounting, IP 54 protection cl									
Temperature probe set for 4-point blended t		1011343		1011343		1011343		1011343	



REMKO PWL

Modern technology in an attractive design

REMKO's PWL series ceiling-mounted air units combine the latest technology with an attractive design. Their flat design and variable technology allows their subtle application, both in low-ceilinged and high-ceilinged rooms. The individually adjustable fins in the upper and lower parts of the housing allow optimal air distribution and thus provide a comfortable room climate. Their use in salesrooms or other customer areas is possible thanks to their low sound pressure level and their fine design. Ease of service and a simple, uncomplicated assembly are the characteristic features of these units. The media connections and the mains cabling can be installed out of sight in the false ceiling. The elegant plastic housing can easily be removed from its bearing elements thanks to the rapid release couplings. PWL..HK series units are fitted as standard with a high-performance condensate pump.

Areas of application

- Sales rooms
- Car dealerships
- Exhibition and reception rooms
- Exhibition halls
- Shopping centers
- Retail shops and supermarkets
- Large entry areas
- Trade areas
- Industrial halls



Pleasant coolness with PWL... HK units used in combination with REMKO chillers. See the REMKO catalogue "Chillers."

- Attractive design
- Quiet operation
- Installation-friendly construction
- Service-friendly
- Universal use
- Self-extinguishing plastic housing, fire class V-0



Electronic temperature controller, ATR-7



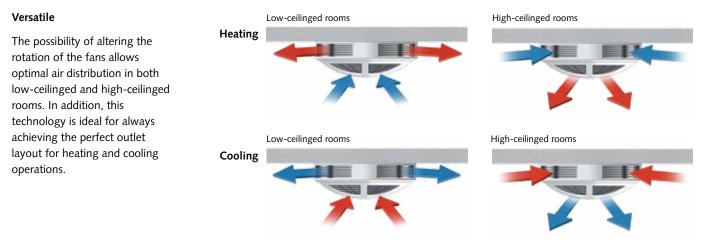
Switchgear MSRD 4.0 2-speed

	PWL 202 H		PWL 203 H		PWL 301 H		PWL 302 H		PWL 303 H	
	36.3		47.2		26.9		44.0		61.1	
	90/70	70/50	90/70	70/50	90/70	70/50	90/70	70/50	90/70	70/50
	36.3/32.3	26.6/23.7	47.2/41.4	34.5/30.4	26.9/20.3	18.8/14.3	44.0/31.5	31.0/22.3	61.1/34.7	44.8/25.6
	-	0	0	0	0	0	0	0	0	0
		25/27	46/49	34/36	17/21	12/15		21/26	43/56	32/41
	2900/2400		2850/2350		4300/2650		4150/2400			3900/1710
		61/56		61/56	66/59	66/59		66/59	68/61	68/61
	R1"	R1"								
						400/3~N/5				
	35		38		43		46		48	
	1687202		1687203		1687301		1687302		1687303	
	1686200		1686200		1686200		1686200		1686200	
	1686201		1686201		1686201		1686201		1686201	
	385330		385330		385330		385330		385330	
	385300		385300		385300		385300		385300	
	385301		385301		385301		385301		385301	
	385303		385303		385303		385303		385303	
		Carlas		Cariaa		Series		Series		Series
		Series		Series			1687400	Series	4 6 0 7 4 0 0	Series
	1687400		1687400		1687400		1687400		1687400	
	1011240		1011210		4044240		4044240		4044240	
	1011240		1011240		1011240		1011240		1011240	
	1011241		1011241		1011241		1011241		1011241	
	1011340		1011340		1011340		1011340		1011340	
	1011292		1011292		1011292		1011292		1011292	
	1011343		1011343		1011343		1011343		1011343	

CEILING VENTILATION UNIT

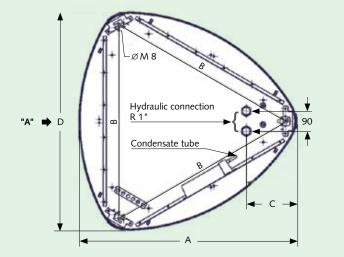
PWL...H series

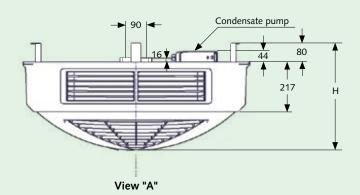
Mounting examples



Technical details and planning aids can be found in the operating instructions (as PDF file) under: www.remko.de > Download

Dimensions





👸 NOTE

The inlet and return flows can be connected as required.

Mounting distance between unit and ceiling minimum 80 mm!

Dimensions	PWL 101-103 HK	PWL 201-203 HK	PWL 301-303 HK
A	985 mm	1084 mm	1178 mm
В	632 mm	963 mm	1043 mm
С	229 mm	229 mm	229 mm
D	989 mm	1073 mm	1160 mm
Н	400 mm	485 mm	504 mm

We reserve the right to make changes to dimensions and the design in the interest of technical advances.

CEILING HEATING SYSTEMS





REMKO WPS

The "heat island principle": Heat where it is needed

REMKO ceiling heating systems create new dimensions in the heating of production lines, warehouses, sports halls, sports stands, sales rooms, exhibition halls, etc.

In accordance with the "heating island principle,"REMKO ceiling-mounted heating systems can be used to heat areas such as workplaces, cash till areas, individual components, materials, audience seats, sales areas, and so on.

The sun above your workstation

REMKO ceiling heating systems generate soft waves of heating in accordance with the principle of solar heating. Not the air is heated, but rather only the radiated surface. There are only slight temperature differences between the floor and the hall ceiling. The cosy heating of the floor area prevents cold feet and increases motivation.

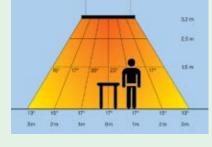
REMKO ceiling heating systems for mounting directly above the useful or working area

The installation above the working area should ideally be at a suspended height of 3.20 m, using a suspension bracket. Integrated installation into a false ceiling is also possible, as is mounting under a cable duct. An additional advantage of the REMKO ceiling heating systems are their universal application possibilities. When large useful or working areas are heated, it is possible to install several heating systems in series in a modular manner. The timeconsuming and expensive installation of an exhaust gas system is not necessary. REMKO ceiling heating systems are maintenance-free.



Switch box for remote control ref. no. 412100

Technical data



Temperature data based on a room temperature of 12°C (WPS 3000)

Technical Gata			
Series		WPS 2000	WPS 3000
Usage area	approx. m	6 x 4	6 x 4
Heat range		See temperatu	ure profile
Voltage supply	V/Hz	230/1~/50	
Power consumption	kW	2.2	2.4
Rated current	A	9.8	10.9
Minimum mounting height	m	2.50	2.50
Length	mm	2000	2000
Width	mm	300	300
Height	mm	80	80
Weight	kg	22	22
Serial colour		white	white
Ref. no.		1640200	410100
Accessories			
Suspension assembly consisting of	: 2 mounting	Included	Included
brackets for ceiling mounting or m	ounting under a	in price	in price
cable duct, 2 suspension chains at			
2 ceiling hooks with dowels			
Switchgear for remote control with	n on/off switch and		
built-in room thermostat, for 1 hea		412100	412100
Switchgear with on/off switch and			
connection, can be used for 2-6 he	eating systems	412200	412200
Other accessories			
Moisture-proof room thermostat,	Type RT-1 IP 5/		
without connection accessories	Iype RI-1 , II 34,	1011240	1011240
Electronic moisture-proof room the	ermostat Type	1011270	1011240
ETR-1 , with display, IP 54 protection		1011241	1011241
connection accessories	n class, without	1011241	1011271
connection accessories			

CEILING FANS

DVL and ATR series The ideal supplement to hot air heating systems



REMKO DVL

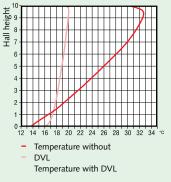
Ceiling fans for reducing energy costs by activating lost ceiling heat in high-ceilinged halls

Thermal dynamic pushes heat upward.

Result: Unused quantities of heat dam up near the ceiling. With the REMKO DVL 140 ceiling fan, this lost heat potential can be retrieved from the ceiling and returned to the work area. Valuable thermal energy is saved by this type of "heat recovery."

- High ventilation capacity
- Long service life
- Quiet operation
- Low energy costs
- Single-phase a.c. motor, maintenance-free and malfunction-free for continuous operation
- White housing, stove enamelled
- Vibration-damping pendulum pipe suspension for low-vibration operation

- Easy to assemble
- Adjustable rotation speed, optional
- Energy savings up to 30%



Layout of the ceiling fans

The layout of the ceiling fans needs to take the structural conditions into consideration. The following formulas are approximation formulas. The maximum hall height of 14 m must not be exceeded.

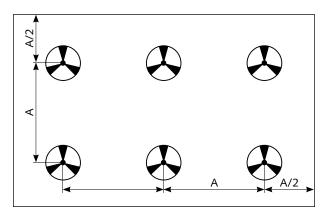
Layout Number of DVLs = $\frac{\text{Hall floor area}}{\text{Hall height x 20}}$ Distance A of the DVL = $\sqrt{\text{Hall height x 20}}$ Example Hall 40 x 30 m, 10 m high Number of DVLs = $\frac{40 \times 30}{10 \times 20}$ = 6 fans

- Distance A of the DVL = $\sqrt{10 \times 20}$
 - = 14.14 meters

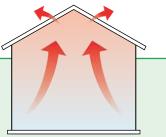
TEMPERATURE CONTROLLER

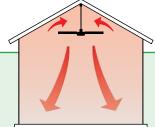






Important mounting instructions: The Unfallverhütungsvorschriften (German Accident Prevention Regulations (UVV)) proscribe a mandatory minimum distance of 2.5 m from the floor to the bottom edge of the blade.





Based on the natural lift of hot air the most part of the heating energy remains under the ceiling. Through the use of a DVL ceiling fan, the hot air will be pushed downwards evenly.

Technical data

Ceiling fans		DVL 140	DVL140 K*
Air circulation	m³/h	15,000	
Max. speed	rpm	300	
Voltage supply	V/Hz	230/1~/5	50
Power consumption	Watt	75	
Blade diameter	mm	1,420	
Construction height	mm	690	440
Weight	kg	9.5	9.0
Ref. no.		570400	570401
Differential temperature controller with		TR-2	TR-2
Type TR-2, incl. temperature probe, IP 5	4 protection		
class, max. 10 units			
Ref. no.		1011291	1011291
Fully automatic, differential temperature	e controller	ATR-3	ATR-3
Type ATR-3, including temperature prob			
programme, IP 54 protection class maxir			
units			
Ref. no.		1011290	1011290
Other accessories			
Thermal probe for fully-automatic opera-	1011230		
tion through ceiling temperature monitoring			
Speed controller, infinitely variable,	1011294		
Type DR-1, max. 4 units			
Speed controller, infinitely variable,	1011296		
Type DR-3, max. 8 units			
* Characterization			

*Short design

REMKO ATR-3

Fully automatic differential temperature controller, the ideal complement to a ceiling fan

With the fully automatic differential temperature controller, hot air that rises to the ceiling is made usable again in connection with the REMKO ceiling fan. The controller works with two probes: a room probe attached at working height and a ceiling probe. If a previously set value is undershot, the ceiling fans are switched on in order to transport the hot air from the ceiling area back downward.

- Optimally tuned
- Exact regulation range

45

Simple to operate

Digitally programmable

Energy savings calculation

- $\Delta t \text{ mit DVL} \qquad \frac{18 (-12) + 1.5}{18 (-12) + (10 \times 1.5)}$ $\Delta t + 1.5 \qquad 31.5$
 - $\overline{\Delta t + (H \times 1,5)}$
- $\Delta t = Rauminnentemperatur Normaußentemperatur$

Example

- 18°C indoor temperature
- –12°C standard outdoor temperature
- 10 m high hall

EXHAUST GAS SYSTEMS

ASE and ASD series Universally usable stainless steel exhaust gas systems

REMKO ASE and ASD

The ideal exhaust gas solution

The REMKO ASE and ASD exhaust gas systems are especially designed for connection to modern hot air heating systems. The modular ASD systems with their three-shell design are delivered ready for assembly with continuous ceramic rock wool insulation. For reasons of corrosion protection, all components are basically manufactured from stainless steel. The exhaust gas system parts are simply connected by plugging and secured using clamps.

- Easy planning
- Optimum heat insulation
- High security
- Modular design
- Easy and economical mounting and design
- Condensate-proof implementation with seam plasma welding
- Simple double-casing plug-in technology
- Outer casing made of stainless steel 1.4301
- Official tests, including: Corrosion resistance, pressure resistance, mounting safety, and temperature resistance

Technical data
Single-walled stainless ste

Single-walled stainless steel	Series	ASE	
Material:	Inner wall	1.4404	
	Wall thickness	0,6 mm	
Insulation		possible	
Thickness		25 mm	
Internal rated diameter range		Ø 130 – 200 m	ım
Temperature range	Continuous mode	400 °C	
Max. testing temperature		1000 °C ± 50 ł	<
Function		dry, vacuum	
Fuels		Oil/gas	
Approval		CE 0432-BPR-	119988
Quality/external monitoring		Yes	
Series		ASE 130	A

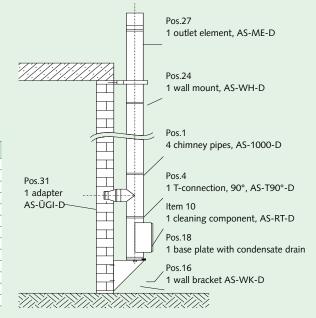
Series Interior rated length range mm	ASE 130 130 Ø	ASE 150 150 Ø	ASE 180 180 Ø	ASE 200 200 Ø
Pos. Individual sections	Ref. no. €	Ref. no. €	Ref. no. €	Ref. no. €
1 Chimney pipe AS-1000-E	1085325	1085326	1085327	1085328
2 Chimney pipe AS-500-E	1085336	1085337	1085338	1085339
3 Chimney pipe, AS-250-E	1085740	1085741	1085742	1085743
4 T-connection AS-T90-E	1085347	1085348	1085349	1085350
5 T-connection AS-T45-E	1085370	1085371	1085372	1085373
6 Pipe bend AS-B45-E	1085490	1085491	1085492	1085493
7 Cleaning bend, adjustable 0-90°, AS-RB90-E	1085436	1085437	1085438	1085439
8 Cleaning component with condensate drain, AS-RT-E	1085424	1085425	1085426	1085427
9 Rain hood AS-RH-E	1085479	1085480	1085481	1085482
10 Wall mount, adjustable AS-WH-E	1085567	1085568	1085569	1085570
11 Roof penetration 1-15° incl. weather collar AS-D15-E	1085750	1085751	1085752	1085753
12 Roof penetration 15-30° incl. weather collar AS-D30-E	1085760	1085761	1085762	1085763
13 Adjusting length AS-JL-E	1085739	1085770	1085771	1085772
14 Reduction piece 130/150 mm	1085290			





REMKO ASD

Exhaust gas system, complete, for exterior assembly, consisting of:



Technical data

Double-walled stainless steel	Series	ASD
Material:	Inner wall	1.4404
	Wall thickness	0,4 mm
	Outside wall	1.4301
	Wall thickness	0,4 mm
Insulation		Mineral wool
Thickness		35 mm
Internal rated diameter range		Ø 130 – 350 mm
Temperature range	Continuous mode	600 °C
Max. testing temperature		1,000°C ± 50 K
Function		Moist and dry, vacuum
Fuels		Oil/gas, solid fuels
CE Certificate No.		CE 0432-BPR-119900
Quality/external monitoring		Constant monitoring

	Series	ASD 130	ASD 150	ASD 180	ASD 200	ASD 300	ASD 350
I	Exhaust gas system, complete, for outside mounting	130 Ø	150 Ø	180 Ø	200 Ø	300 Ø	350 Ø
	Ref. no.	1085354	1085355	1085360	1085375	1085390	1086395
	Application possibility of series **	GPM 15-55	VRS 25-50 GPM 75	VRS 75-100	VRS 130-200	VRS 270-340	VRS 440-540

Pos.		Ref. no.					
1	Chimney pipe AS-1000-D	1085000	1085001	1085002	1085003	1085005	1086006
2	Chimney pipe AS-500-D	1085007	1085008	1085009	1085010	1085012	1086013
3	Chimney pipe, AS-250-D	1085013	1085015	1085016	1085017	1085019	1086020
4	T-connection AS-T90°-D	1085020	1085022	1085023	1085024	1085026	1086027
5	T-connection AS-T45°-D	1085028	1085029	1085030	1085031	1085033	1086034
6	Pipe bend, AS-B45°-D	1085034	1085036	1085037	1085038	1085040	1086041
7	Pipe bend, AS-B30°-D	1085041	1085043	1085044	1085045	1085047	1086048
8	Pipe bend, AS-B15°-D	1085048	1085050	1085051	1085052	1085054	1086055
9	Cleaning joint, AS-RB90°-D	1085722	1085724	1085725	1085726	1085728	1086729
10	Cleaning component, AS-RT-D	1085055	1085057	1085058	1085059	1085061	1086062
11	Adjusting length AS-JL-D	1085069	1085071	1085072	1085073	1085075	1086076
12	Floor support, adjustable AS-BS-D	1085076	1085078	1085079	1085080	1085082	1086083
13	Intermediate bracket AS-ZK-D	1085090	1085092	1085093	1085094	1085096	1086097
14	Roof support, adjustable AS-DS-D	1085111	1085113	1085114	1085115	1085117	1086118
15	Ceiling guide sleeve AS-DF-D	1085314	1085316	1085317	1085318	1085321	1086322
16	Wall bracket AS-WK-D	1085104	1085106	1085107	1085108	1085110	1086111
18	Base plate AS-GI-D	1085125	1085127	1085128	1085129	1085131	1086132
19	Sealing cover, AS-VD-D	1085174	1085176	1085177	1085178	1085180	1086181
20	Roof penetration AS-D15-D, 1-15°	1085149	1085151	1085152	1085153	1085155	1086156
21	Roof penetration, AS-D30-D, 15-30°	1085139	1085141	1085142	1085143	1085145	1086146
22	Roof penetration, AS-D45-D, 30-45°	1085160	1085162	1085163	1085164	1085166	1086167
24	Wall mount AS-WH-D	1085209	1085211	1085212	1085213	1085215	1086216
25	Wall mount, adjustable AS-WHV-D	1085673	1085675	1085676	1085677	1085679	1086680
27	Outlet element, AS-ME-D	1085251	1085253	1085254	1085255	1085257	1086258
28	Rain cover, AS-RH-D	1085258	1085260	1085261	1085262	1085264	1086265
29	Guy clamp, AS-AS-D	1085279	1085281	1085282	1085283	1085285	1086286
31*		1085640	1085642	1085643	1085644	1085646	1086647
32	Adapter AS-ÜE-D	1085132	1085134	1085135	1085136	1085138	1086139
33	Testing element AS-PE-D	1085701	1085703	1085704	1085705	1085707	1086708
34	Drain pipe AS-EW-D	1085710	1085712	1085713	1085714	1085716	1086717
35	Replacement securing tape AS-SB-D	1085196	1085197	1085198	1085199	1085201	1086202
36	Replacement weather collar AS-WK-D	1085237	1085239	1085240	1085241	1085243	1086244
37	Wall mount, adjustable up to 300 mm, AS-WHV 300-D	1085680	1085681	1085682	1085683	1085685	1086686
38		1085690	1085691	1085692	1085693	1085695	1086696
39			1085720	1085720	1085720	1085721	1086722
40			1085721	1085721	1085721	1085723	1086724
41	Chimney connector component, GPM, 2-piece, AS-KA-D		1085735				

AS-ÜGI-D is used as a boiler connector component. All construction components are delivered with their securing straps. A cross-section calculation according to DIN 4705 is fundamentally recommended.

* *

REMKO INTERNATIONAL



...and somewhere near you! Take advantage of our experience and consulting services



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