



SPECIFICATIONSHEET

VENTILATION CHIMNEYS



For compiling air outlet chimneys

- Singel-walled and double-walled
- Compact version (up to 80% reduction in transport volume) or assembled
- Chimney diameters: Ø30 Ø35 Ø40 Ø45 Ø50 Ø56 Ø63 Ø71 Ø82 Ø92

STIENEN AGRI AUTOMATION

Stienen is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

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Article numbers for chimney diameters:		Description
Ø30	Ø35	
	34.76.10-S 34.76.11-S	Rain cowl + brackets Reduces water penetration. Note, however, that the chimney output will also be reduced.
	34.76.00-S 34.76.01-S	Rain ring, compact High collar preventing ingress of rain.
	34.75.60-S 34.75.61-S	Backdraught shutter, surface mounted Shuts off the chimney when the fan is not active; no weather influences and unneeded heat loss from the house.  Warning in case of power failure: lack of emergency ventilation capacity, risk of heat draining and lack of control of air volume.
	34.76.40-S 34.76.41-S	Roof plate with cone One-piece moulded roof sheet with cone for added strength.
	34.76.20-S 34.76.21-S	Rubber roof cover + mounting kit This roof cover can be used instead of a roof sheet with cone. Advantage: this roof flashing is much more flexible and adapts perfectly to chimney and roof plate.
	34.75.29-S 34.75.30-S <i>SW* 0.5m</i> 34.75.39-S 34.75.40-S <i>SW* 1.0m</i> 34.75.49-S 34.75.50-S <i>SW* 1.5m</i> 34.75.70-S 34.75.71-S <i>DW* 0.5m</i> 34.75.80-S 34.75.81-S <i>DW* 1.0m</i> 34.75.90-S 34.75.91-S <i>DW* 1.5m</i>	Extension ducts, compact Advantage of double-walled chimneys: the 8mm of nsulating stagnant air between the inner and outer walls prevents interior condensation caused by cold outside air.
	34.76.30-S 34.76.31-S	Stiffening ring Firming inner ring for correct tip clearance of the fan and optimal air flow.
	34.72.00-S 34.72.10-S <i>SW*</i> 34.72.19-S 34.72.20-S <i>DW*</i>	Coupling sock Coupling piece and firming outer ring to firmly connect two chimney parts.
	- 34.01.00 <i>VAR ring</i> 34.30.00 34.30.00 <i>coupling set</i>	VAR ring Universal fan ring, with attachment points and coupling kit. 
	36.70.41 36.70.43 <i>230V, 1400rpm, 50Hz</i> 36.70.61 36.70.63 <i>400V, 1400rpm, 50Hz</i>	Built-in fan For diameters Ø71, Ø82 and Ø92 fans can be delivered in ventilation assemblies. 60Hz on demand.
	30.31.00 30.32.00 <i>AQC-ZM</i> 30.21.50 30.22.50 <i>AQC-G</i>	AQC air control / measure&air control unit Air control unit with air entry cone for accurately measuring and controlling room ventilation.
	34.74.01-S 34.74.02-S <i>VLI for AQC/VAR</i> 34.74.11-S 34.74.12-S <i>VAI for extended ACQ</i>	Air entry cone Type VLI: cone for reducing the air entry resistance (by 20%). Type VAI: extended AQC air entry cone

* *SW* = single-walled
DW = double-walled

Article numbers for chimney diameters:		Description
Ø40	Ø45	
	34.76.12-S 34.76.13-S	Rain cowl + brackets Reduces water penetration. Note, however, that the chimney output will also be reduced.
	34.76.02-S 34.76.03-S	Rain ring, compact High collar preventing ingress of rain.
	34.75.62-S 34.75.63-S	Backdraught shutter, surface mounted Shuts off the chimney when the fan is not active; no weather influences and unneeded heat loss from the house.  Warning in case of power failure: lack of emergency ventilation capacity, risk of heat draining and lack of control of air volume.
	34.76.42-S 34.76.43-S	Roof plate with cone One-piece moulded roof sheet with cone for added strength.
	34.76.22-S 34.76.23-S	Rubber roof cover + mounting kit This roof cover can be used instead of a roof sheet with cone. Advantage: this roof flashing is much more flexible and adapts perfectly to chimney and roof plate.
	34.75.31-S 34.75.32-S <i>SW* 0.5m</i> 34.75.41-S 34.75.42-S <i>SW* 1.0m</i> 34.75.51-S 34.75.52-S <i>SW* 1.5m</i> 34.75.72-S 34.75.73-S <i>DW* 0.5m</i> 34.75.82-S 34.75.83-S <i>DW* 1.0m</i> 34.75.92-S 34.75.93-S <i>DW* 1.5m</i>	Extension ducts, compact Advantage of double-walled chimneys: the 8mm of nsulating stagnant air between the inner and outer walls prevents interior condensation caused by cold outside air.
	34.76.32-S 34.76.33-S	Stiffening ring Firming inner ring for correct tip clearance of the fan and optimal air flow.
	34.72.11-S 34.72.12-S <i>SW*</i> 34.72.21-S 34.72.22-S <i>DW*</i>	Coupling sock Coupling piece and firming outer ring to firmly connect two chimney parts.
	34.02.00 34.03.00 <i>VAR ring</i> 34.30.00 34.30.00 <i>coupling set</i>	VAR ring Universal fan ring, with attachment points and coupling kit. 
	36.70.45 36.70.47 <i>230V, 1400rpm, 50Hz</i> 36.70.65 36.70.67 <i>400V, 1400rpm, 50Hz</i>	Built-in fan For diameters Ø71, Ø82 and Ø92 fans can be delivered in ventilation assemblies. 60Hz on demand.
	30.33.00 30.34.00 <i>AQC-ZM</i> 30.23.50 30.24.50 <i>AQC-G</i>	AQC air control / measure&air control unit Air control unit with air entry cone for accurately measuring and controlling room ventilation.
	34.74.03-S 34.74.04-S <i>VLI for AQC/VAR</i> 34.74.13-S 34.74.14-S <i>VAI for extended ACQ</i>	Air entry cone Type VLI: cone for reducing the air entry resistance (by 20%). Type VAI: extended AQC air entry cone

* *SW* = single-walled
DW = double-walled

Article numbers for chimney diameters:		Description	
Ø50	Ø56		
	34.76.14-S 34.76.15-S	Rain cowl + brackets Reduces water penetration. Note, however, that the chimney output will also be reduced.	
	34.76.04-S 34.76.05-S	Rain ring, compact High collar preventing ingress of rain.	
	34.75.64-S 34.75.65-S	Backdraught shutter, surface mounted Shuts off the chimney when the fan is not active; no weather nfluences and unneeded heat loss from the house.	
		Warning in case of power failure: lack of emergency ventilation capacity, risk of heat draining and lack of control of air volume.	
	34.76.44-S 34.76.45-S	Roof plate with cone One-piece moulded roof sheet with cone for added strength.	
	34.76.24-S 34.76.25-S	Rubber roof cover + mounting kit This roof cover can be used instead of a roof sheet with cone. Advantage: this roof flashing is much more flexible and adapts perfectly to chimney and roof plate.	
	34.75.33-S 34.75.34-S 34.75.43-S 34.75.44-S 34.75.53-S 34.75.54-S 34.75.74-S 34.75.75-S 34.75.84-S 34.75.85-S 34.75.94-S 34.75.95-S	SW* 0.5m SW* 1.0m SW* 1.5m DW* 0.5m DW* 1.0m DW* 1.5m	Extension ducts, compact Advantage of double-walled chimneys: the 8mm of nsulating stagnant air between the inner and outer walls prevents interior condensation caused by cold outside air.
	34.76.34-S 34.76.35-S	Stiffening ring Firming inner ring for correct tip clearance of the fan and optimal air flow.	
	34.72.13-S 34.72.14-S 34.72.23-S 34.72.24-S	SW* DW*	Coupling sock Coupling piece and firming outer ring to firmly connect two chimney parts.
	34.04.00 34.05.00 34.30.00 34.30.00	VAR ring coupling set	Fan ring Universal fan ring, with attachment points and coupling kit.
			
	36.70.49 36.70.51 36.70.69 36.70.71	230V, 1400rpm, 50Hz 400V, 1400rpm, 50Hz	Built-in fan For diameters Ø71, Ø82 and Ø92 fans can be delivered in ventilation assemblies. 60Hz on demand.
	30.35.00 30.36.00 30.25.50 30.26.50	AQC-ZM AQC-G	AQC air control / measure&air control unit Air control unit with air entry cone for accurately measuring and controlling room ventilation.
	34.74.05-S 34.74.06-S 34.74.15-S 34.74.16-S	VLI for AQC/VAR VAI for extended ACQ	Air entry cone Type VLI: cone for reducing the air entry resistance (by 20%). Type VAI: extended AQC air entry cone

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DW = double-walled

Article numbers for chimney diameters:		Description	
Ø63	Ø71		
	34.76.16-S 34.76.17-S	Rain cowl + brackets Reduces water penetration. Note, however, that the chimney output will also be reduced.	
	34.76.06-S 34.76.07-S	Rain ring, compact High collar preventing ingress of rain.	
	34.75.66-S 34.75.67-S	Backdraught shutter, surface mounted Shuts off the chimney when the fan is not active; no weather nfluences and unneeded heat loss from the house.	
		Warning in case of power failure: lack of emergency ventilation capacity, risk of heat draining and lack of control of air volume.	
	34.76.46-S 34.76.47-S	Roof plate with cone One-piece moulded roof sheet with cone for added strength.	
	34.76.26-S 34.76.27-S	Rubber roof cover + mounting kit This roof cover can be used instead of a roof sheet with cone. Advantage: this roof flashing is much more flexible and adapts perfectly to chimney and roof plate.	
	34.75.35-S 34.75.36-S 34.75.45-S 34.75.46-S 34.75.55-S 34.75.56-S 34.75.76-S 34.75.77-S 34.75.86-S 34.75.87-S 34.75.96-S 34.75.97-S	SW* 0.5m SW* 1.0m SW* 1.5m DW* 0.5m DW* 1.0m DW* 1.5m	Extension ducts, compact Advantage of double-walled chimneys: the 8mm of nsulating stagnant air between the inner and outer walls prevents interior condensation caused by cold outside air.
	34.76.36-S 34.76.37-S	Stiffening ring Firming inner ring for correct tip clearance of the fan and optimal air flow.	
	34.72.15-S 34.72.16-S 34.72.25-S 34.72.26-S	SW* DW*	Coupling sock Coupling piece and firming outer ring to firmly connect two chimney parts.
	34.06.00 34.06.50 34.30.00 34.30.02	VAR ring coupling set	Fan ring Universal fan ring, with attachment points and coupling kit.
			
	36.70.53 36.70.55 36.70.73 36.70.75	230V, 1400rpm, 50Hz 400V, 1400rpm, 50Hz	Built-in fan For diameters Ø71, Ø82 and Ø92 fans can be delivered in ventilation assemblies. 60Hz on demand.
	30.37.00 30.38.00 30.27.50 30.28.50	AQC-ZM AQC-G	AQC air control / measure&air control unit Air control unit with air entry cone for accurately measuring and controlling room ventilation.
	34.74.07-S 34.74.08-S 34.74.17-S 34.74.18-S	VLI for AQC/VAR VAI for extended ACQ	Air entry cone Type VLI: cone for reducing the air entry resistance (by 20%). Type VAI: extended AQC air entry cone

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DW = double-walled

Article numbers for chimney diameters:		Description
Ø82	Ø92	
	34.76.18-S 34.76.19-S	Rain cowl + brackets Reduces water penetration. Note, however, that the chimney output will also be reduced.
	34.76.08-S 34.76.09-S	Rain ring, compact High collar preventing ingress of rain.
	34.75.68-S 34.75.69-S	Backdraught shutter, surface mounted Shuts off the chimney when the fan is not active; no weather influences and unneeded heat loss from the house.  Warning in case of power failure: lack of emergency ventilation capacity, risk of heat draining and lack of control of air volume.
	34.76.48-S 34.76.49-S	Roof plate with cone One-piece moulded roof sheet with cone for added strength.
	34.76.28-S 34.76.29-S	Rubber roof cover + mounting kit This roof cover can be used instead of a roof sheet with cone. Advantage: this roof flashing is much more flexible and adapts perfectly to chimney and roof plate.
	34.75.37-S 34.75.38-S <i>SW* 0.5m</i> 34.75.47-S 34.75.48-S <i>SW* 1.0m</i> 34.75.57-S 34.75.58-S <i>SW* 1.5m</i> 34.75.78-S 34.75.79-S <i>DW* 0.5m</i> 34.75.88-S 34.75.89-S <i>DW* 1.0m</i> 34.75.98-S 34.75.99-S <i>DW* 1.5m</i>	Extension ducts, compact Advantage of double-walled chimneys: the 8mm of nsulating stagnant air between the inner and outer walls prevents interior condensation caused by cold outside air.
	34.76.38-S 34.76.39-S	Stiffening ring Firming inner ring for correct tip clearance of the fan and optimal air flow.
	34.72.17-S 34.72.18-S <i>SW*</i> 34.72.27-S 34.72.28-S <i>DW*</i>	Coupling sock Coupling piece and firming outer ring to firmly connect two chimney parts.
	34.07.00 34.08.00 <i>VAR ring</i> 34.30.02 34.30.02 <i>coupling set</i>	Fan ring Universal fan ring, with attachment points and coupling kit. 
	36.70.57 36.70.59 <i>230V, 1400rpm, 50Hz</i> 36.70.77 36.70.79 <i>400V, 1400rpm, 50Hz</i>	Built-in fan For diameters Ø71, Ø82 and Ø92 fans can be delivered in ventilation assemblies. 60Hz on demand.
	30.39.00 30.40.00 <i>AQC-ZM</i> 30.29.50 30.30.50 <i>AQC-G</i>	AQC air control / measure&air control unit Air control unit with air entry cone for accurately measuring and controlling room ventilation.
	34.74.09-S 34.74.10-S <i>VLI for AQC/VAR</i> 34.74.19-S 34.74.20-S <i>VAI for extended ACQ</i>	Air entry cone Type VLI: cone for reducing the air entry resistance (by 20%). Type VAI: extended AQC air entry cone

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Composed parts of air outlet chimney

Stienen supplies smart, compact ventilation chimneys. The ventilation chimneys seamlessly fit the AQC measuring and control units and SGS fans. To save on costs, composed chimney parts can be ordered. The table below shows the possibilities and specifications per diameter:

Article numbers of assembled chimneys with diameters:					
Ø30	Ø35	Ø40	Ø45	Ø50	Description
32.01.50	32.02.50	32.03.50	32.04.50	32.05.50	SMV-XX Measuring fan 12V + mounting brackets.
31.01.50	31.02.50	31.03.50	31.04.50	31.05.50	LMU-XX Measuring fan with air entry cone + SMV + turbulence cross
AV-Assembly-XX (without fan)					
33.60.53	33.60.55	33.60.57	33.60.59	33.60.61	ZM AQC + VAR + SS couplings without measuring fan
33.70.03	33.70.05	33.70.07	33.70.09	33.70.11	G AQC + VAR + SS couplings with measuring fan
30.60.00	30.61.00	30.62.00	30.63.00	30.64.00	RO-AQC-XX Protection grid for AQC with mounting heights <2850mm
34.70.00-S	34.70.10-S	34.70.11-S	34.70.12-S	34.70.13-S	KO-XX Rain ring + ext. duct 1m + roof sheet, corrugated 178
34.75.00-S	34.75.10-S	34.75.11-S	34.75.12-S	34.75.13-S	KO-XX-C (compact version) Rain ring + extension duct 1m + roof sheet, flat 178

Article numbers of assembled chimneys with diameters:					Description
Ø56	Ø63	Ø71	Ø82	Ø92	
32.07.50	32.08.50	32.09.50	32.10.50	32.11.50	SMV-XX Measuring fan 12V + mounting brackets
31.06.50	31.07.50	31.08.50	31.09.50	31.10.50	LMU-XX Measuring fan with air entry cone + SMV + turbulence cross
					AV-Assembly-XX (without fan)
33.60.63	33.60.65	33.60.67	33.60.69	33.60.71	AQC + VAR + SS couplings without measuring fan
33.70.13	33.70.15	33.70.17	33.70.19	33.70.21	AQC + VAR + SS couplings with measuring fan
30.65.00	30.66.00	30.66.50	30.67.00	30.68.00	RO-AQC-XX Protection grid for AQC with mounting heights <2850mm
34.70.14-S	34.70.15-S	34.70.16-S	34.70.17-S	34.70.18-S	KO-XX Rain ring + ext. duct 1m + roof sheet, corrugated 178
34.75.14-S	34.75.15-S	34.75.16-S	34.75.17-S	34.75.18-S	KO-XX-C (compact version) Rain ring + extension duct 1m + roof sheet, flat 178