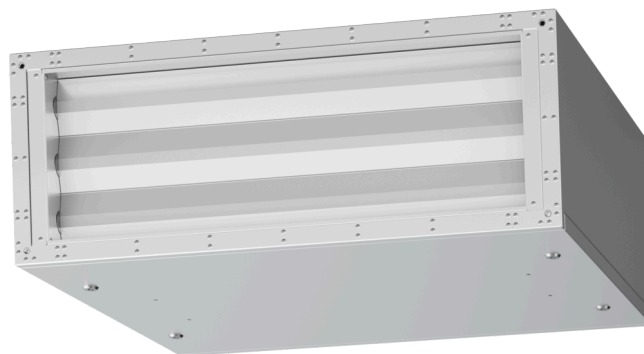


SL 9030 E1 10 10

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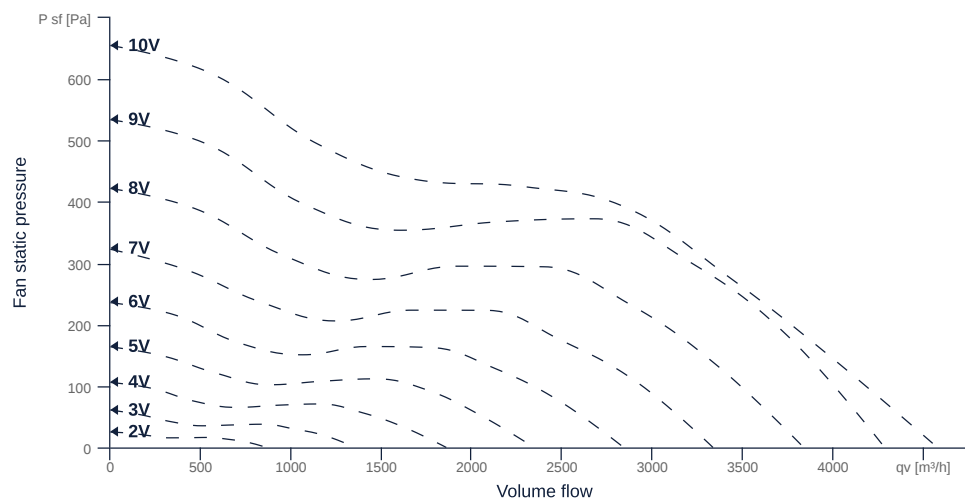
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- Flat extract air unit for ceiling mounting
- Frameless, double wall housing made of galvanized steel sheet, insulated
- EC diagonal fans, steplessly controllable
- Without controls, speed controllable
- Multileaf damper (without actuator)



FAN CURVES

Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



to the product detail page

SL 9030 E1 10 10

136269

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GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Rated voltage (entire device)	230	V	U_{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Weight	43.45	kg	m
Nominal air flow rate, nominal point m³/h	3736.8	m³/h	$q_{v,nom}$
Nominal external pressure, static	209	Pa	$p_{s,nom}$
Connection side supply air	-		L/R
Type of the ventilation-unit	UVU - without air treatment		AHU _{type}
Type of the heater	No		H _{type}
Type of cooler	No		C _{type}
Outdoor installation	No		outdoor
Speed control	variable speed control		VSD _{type}

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	1.04	m³/s	$q_{v,nom}$
Actual electrical input power, nominal point	0.53	kW	$P_{e,nom}$
Face velocity, nominal point	3.84	m/s	v_{nom}
Nominal external pressure, static	209	Pa	$p_{s,nom}$
supply air fan static efficiency, nominal point	65.1	%	$\eta_{es,SUP}$
Highest external air leakage rate	1.39	%	
Enclosure sound level, nominal point	62	dB(A)	L _{WA2}
Rating	Product is compliant 2018		

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	533	W	$P_{ed,max}$
Max. operating current (device)	3.76	A	$I_{ed,max}$
Max. speed	3240	1/min	n_{max}
Max. stat. efficiency	55.6	%	η_{es}
Max. fan efficiency	58.5	%	η_e
Max. flowrate	4580	m³/h	$q_{v,max}$
Max. stat pressure	655	Pa	$p_{sf,max}$
Max. medium temperature	40	°C	T_m,max
Max. environment temperature	40	°C	$T_{amb,max}$
Min. environment temperature	-30	°C	$T_{amb,min}$



to the product detail page

SL 9030 E1 10 10

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MOTOR DATA

Name	Value	Unit	Formula symbol
Rated frequency (device)	50		f
Is pole-changeable	No		polexch



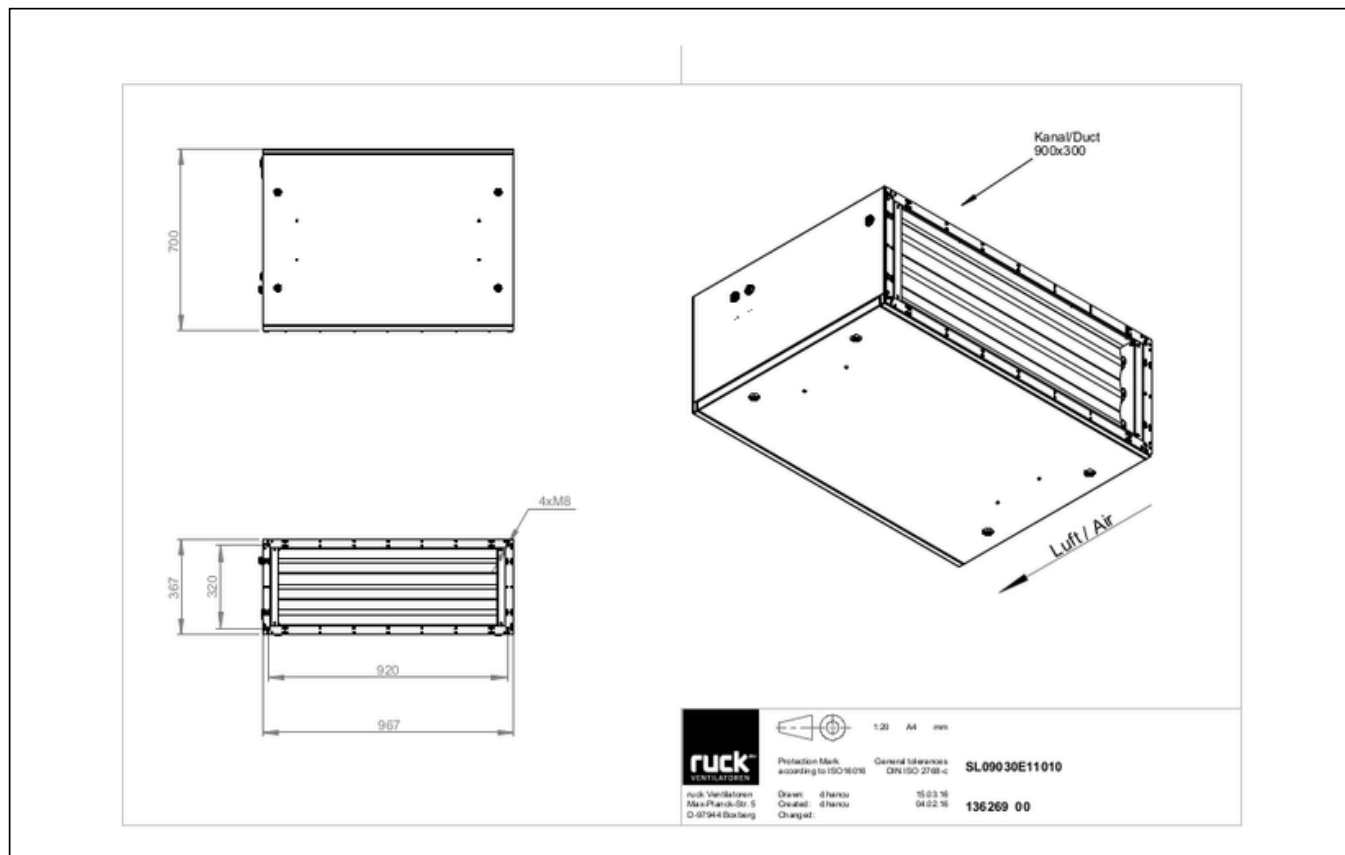
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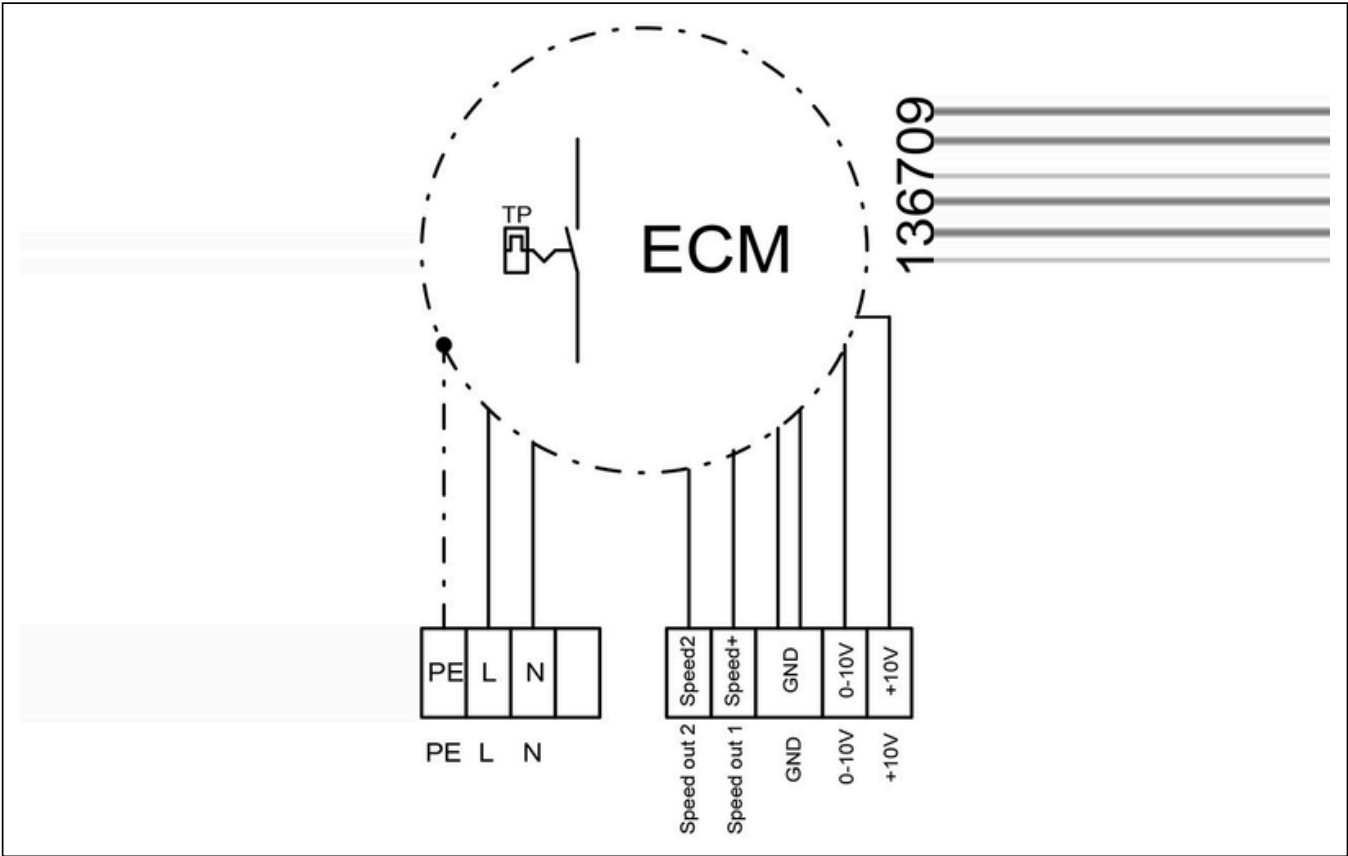
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CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS

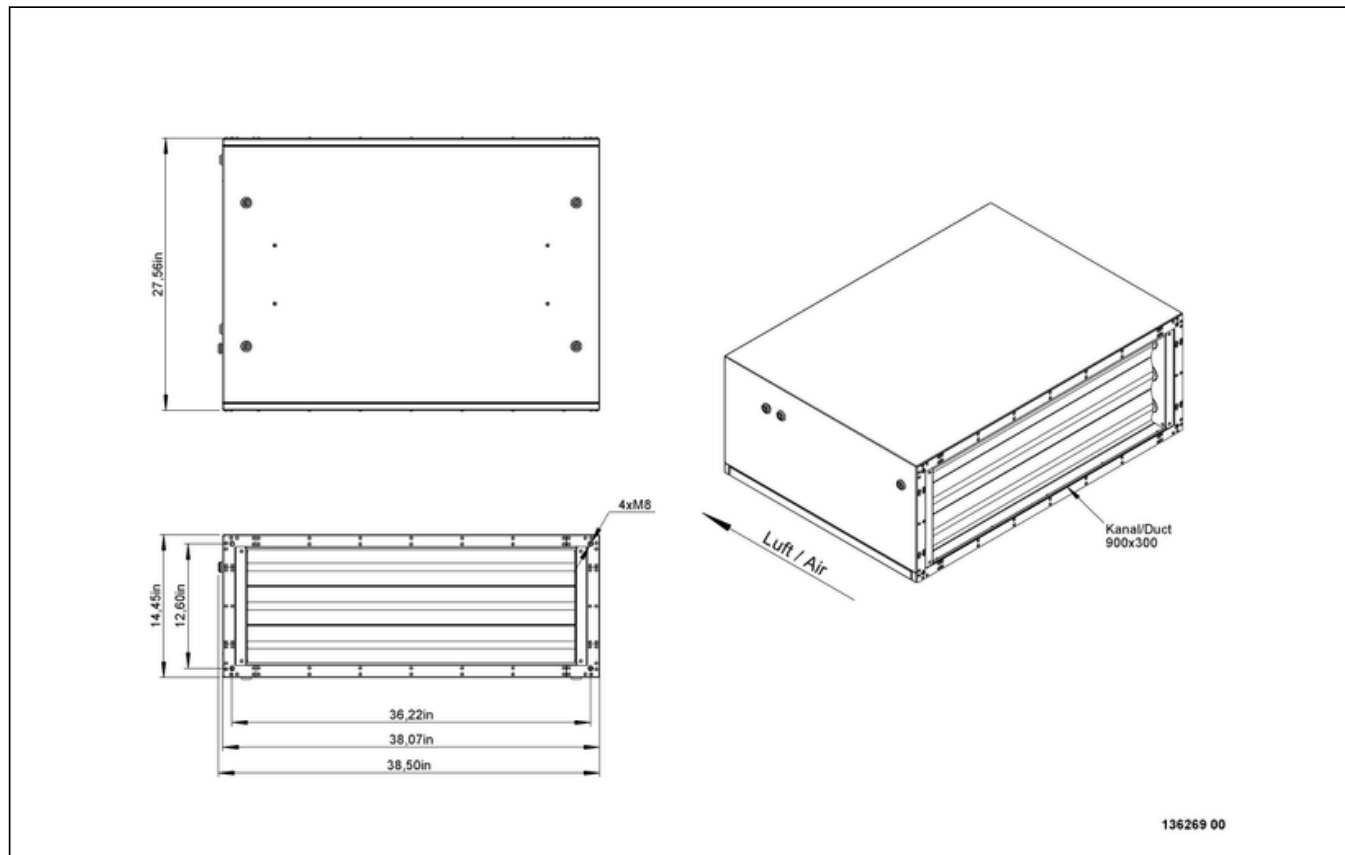




SL 9030 E1 10 10

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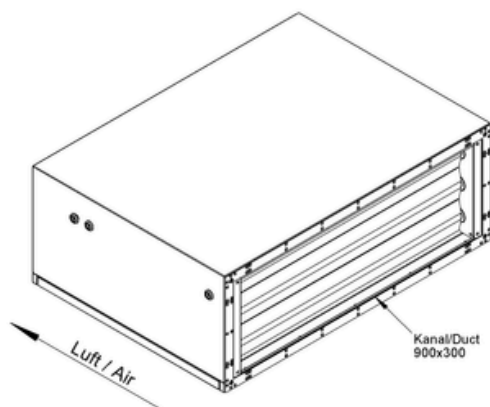
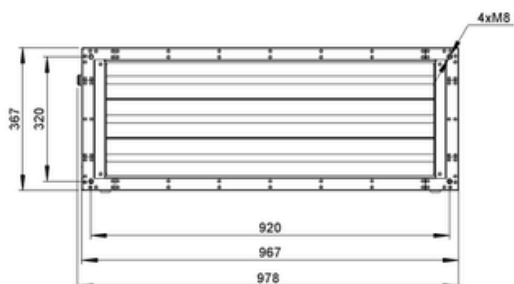
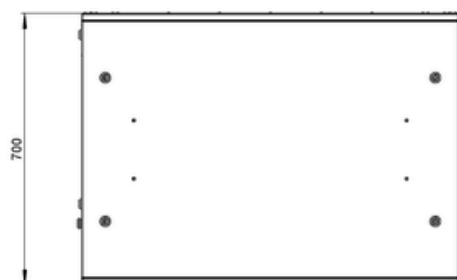


to the product detail page

SL 9030 E1 10 10

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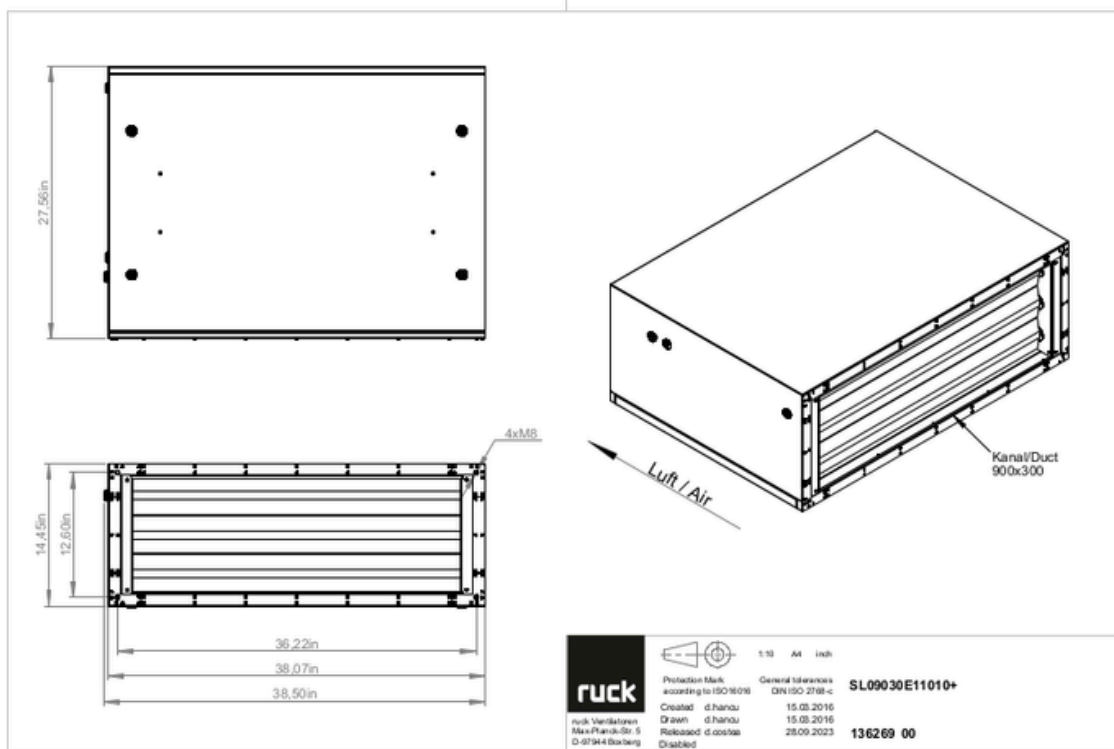


to the product detail page

SL 9030 E1 10 10

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MECHANICAL ACCESSORIES

VS 9030 | 110865



- Duct connector, flexible
- Standard profile flange P20
- Galvanized steel sheet, plastic band (PVC)
- Temperature resistant up to 70 °C



to the product detail page

ELECTRICAL ACCESSORIES

GS 01 | 102787



- Isolator switch
- $U_{max} = 400 \text{ V}$, 50/60 Hz
- Switching capacity 400 V 3~ = 7,5 kW
- $I_{max} = 25 \text{ A}$

103590 | 103590



- Damper actuator
- Air damper size up to approx. 1 m²
- 3 point control
- $U(N) = 24 \text{ V AC/DC}$

103933 | 103933



- Damper actuator
- Air damper size up to approx. 1 m²
- 3 point control
- $U(N) = 230 \text{ V AC}$

MTP 20 | 128146



- Potentiometer 10 k Ω
- Switching contact 1A/250V AC - 2,5A/12V DC
- Max. ambient temperature 50 °C
- VDE

MTP 30 | 143289



- Stepped potentiometer 10 k Ω
- Step 1 + 2 settable 10 % - 100 % Vdc
- Step 3 100 % Vdc
- Supply voltage +10 Vdc



to the product detail page