

SL 9040 E1 10 10

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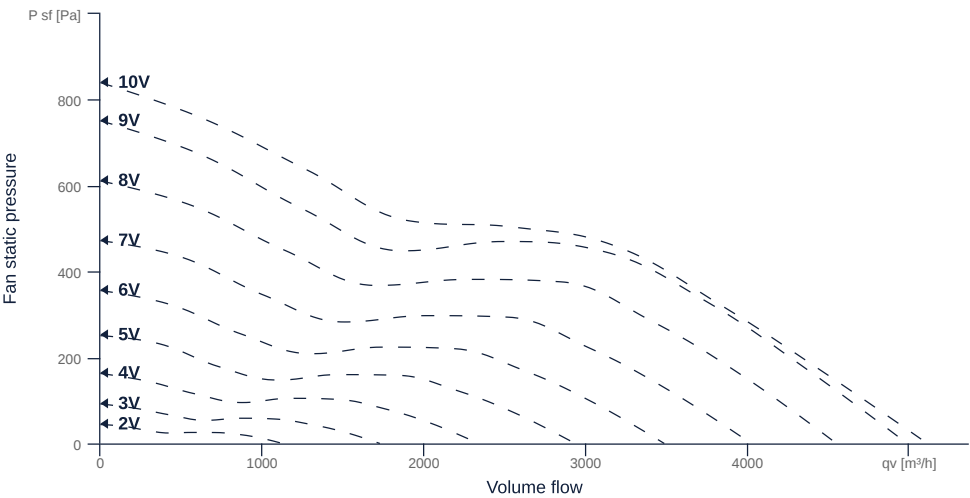


- Flat extract air unit for ceiling mounting
- Frameless, double wall housing made of galvanized steel sheet, insulated
- EC diagonal fans, steplessly controllable
- Without controls, speed controllable
- Multileaf damper (without actuator)



FAN CURVES

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



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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	54.9	kg	m
Nominal air flow rate, nominal point m³/h	4161.6	m³/h	$q_{v,nom}$
Nominal external pressure, static	264	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	1.16	m³/s	$q_{v,nom}$
Actual electrical input power, nominal point	0.73	kW	$P_{e,nom}$
Face velocity, nominal point	3.21	m/s	v_{nom}
Nominal external pressure, static	264	Pa	$p_{s,nom}$
supply air fan static efficiency, nominal point	67.4	%	$\eta_{es,SUP}$
Highest external air leakage rate	0.55	%	
Enclosure sound level, nominal point	65	dB(A)	L _{WA2}
Rating	Product is compliant 2018		

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	726	W	$P_{ed,max}$
Max. operating current (device)	3.34	A	$I_{ed,max}$
Max. speed	2585	1/min	n_{max}
Max. stat. efficiency	53.7	%	η_{es}
Max. fan efficiency	57.1	%	η_e
Max. flowrate	5110	m³/h	$q_{v,max}$
Max. stat pressure	840	Pa	$p_{sf,max}$
Max. medium temperature	40	°C	T_m,max
Max. environment temperature	40	°C	$T_{amb,max}$
Min. environment temperature	-25	°C	$T_{amb,min}$



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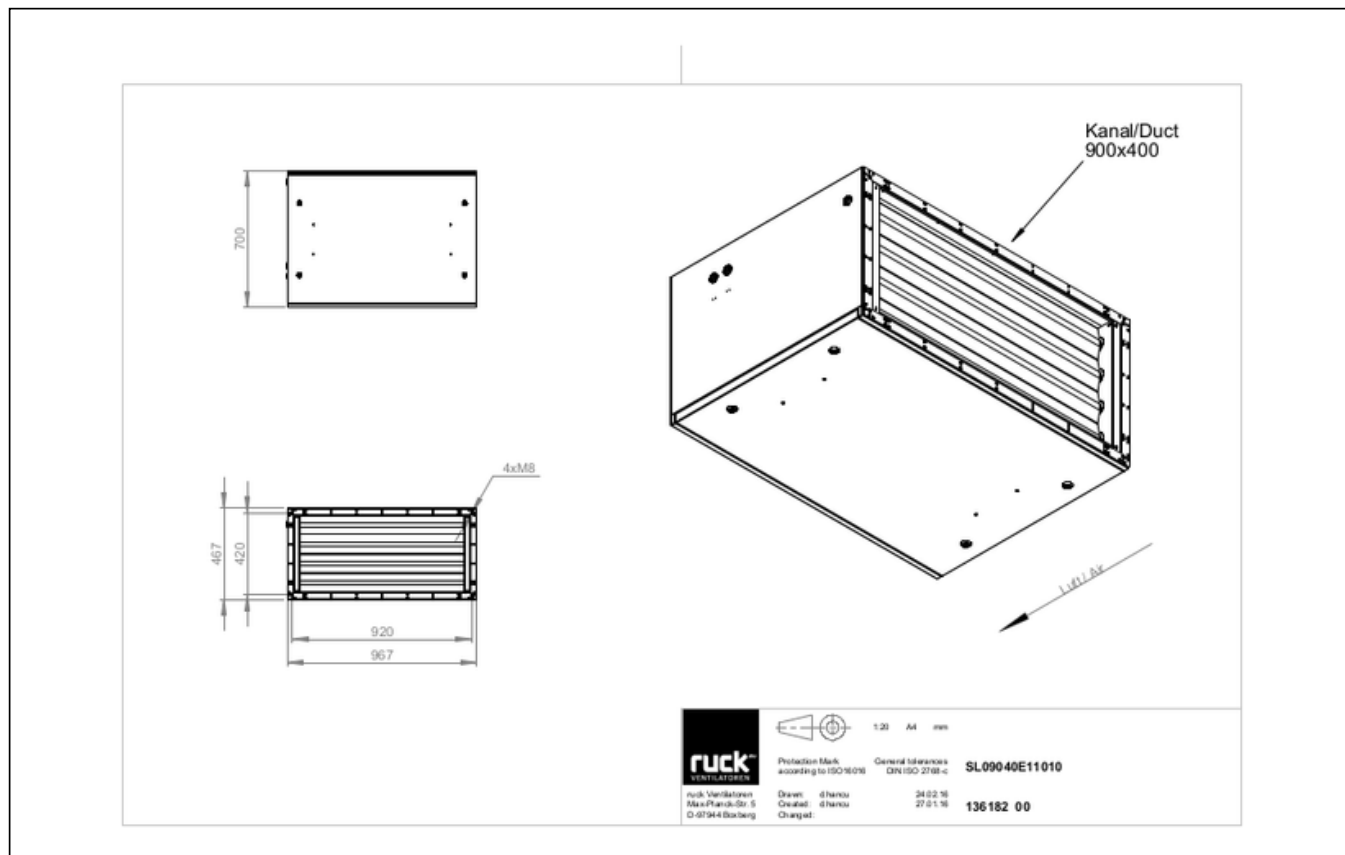
MOTOR DATA

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



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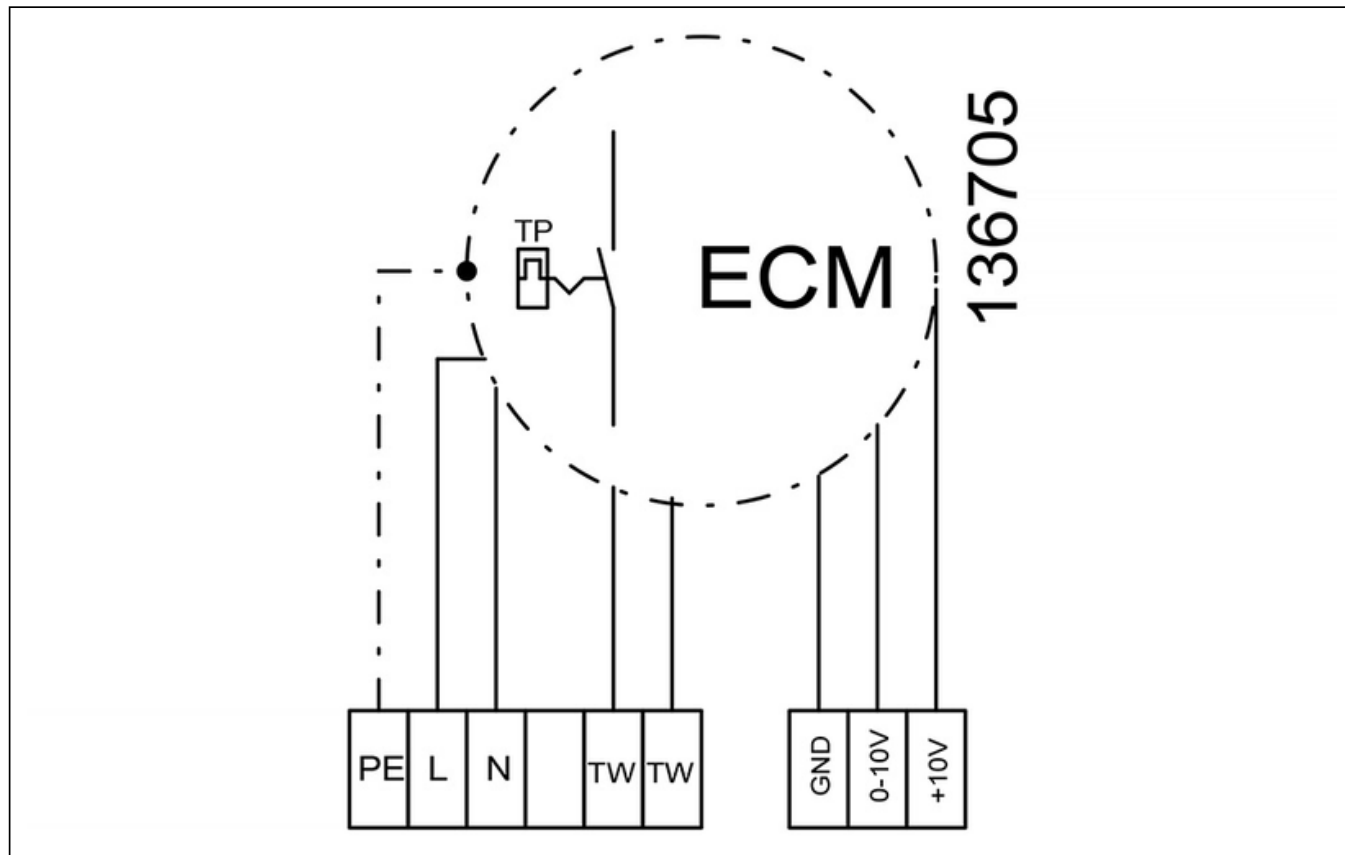
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



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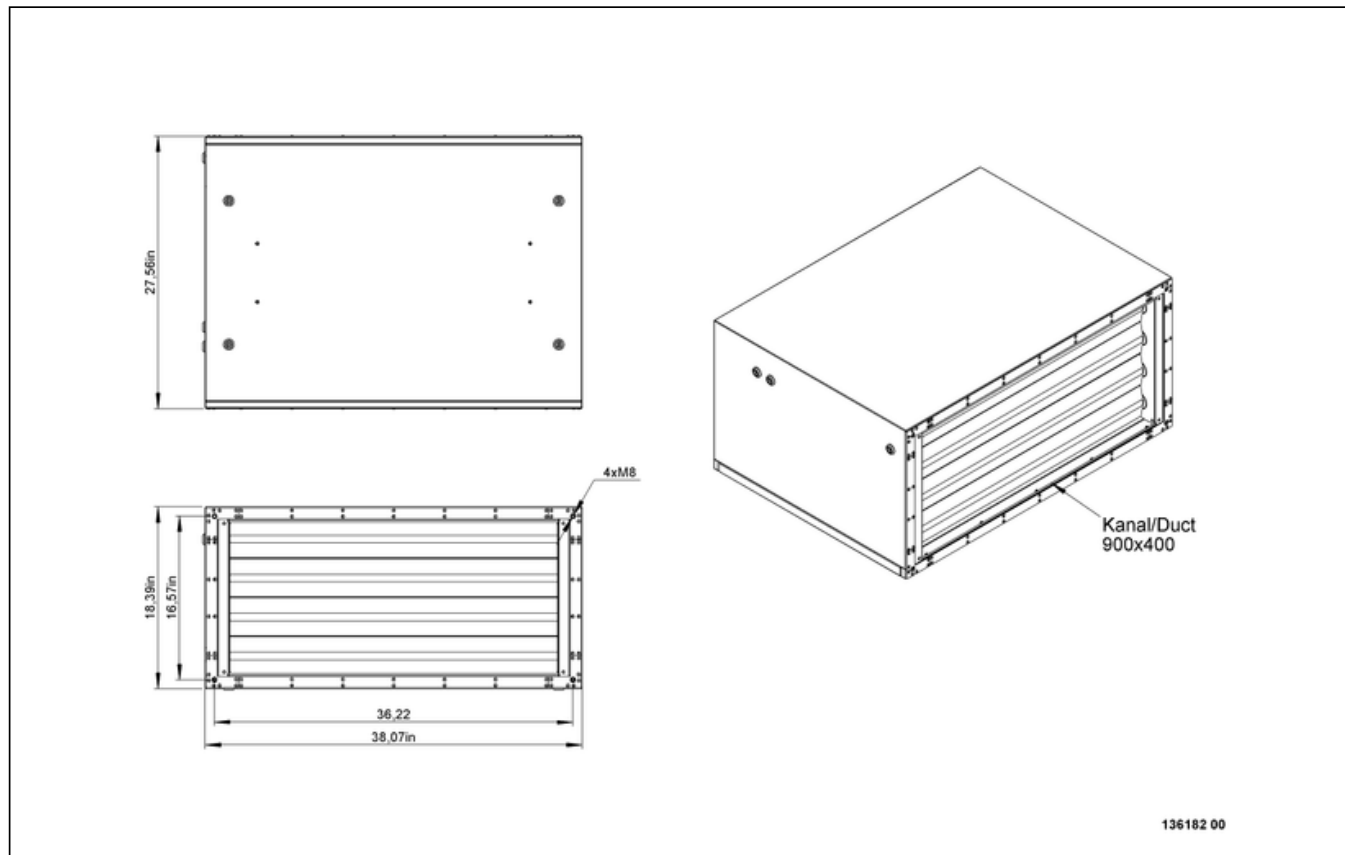


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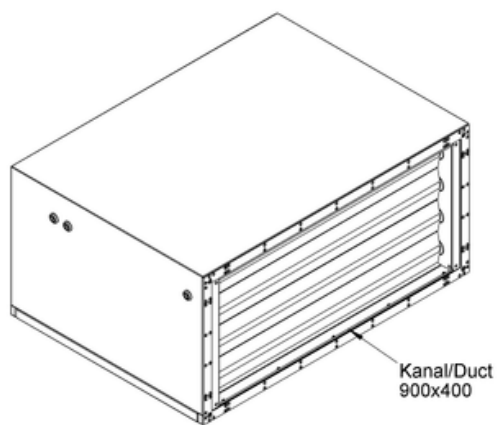
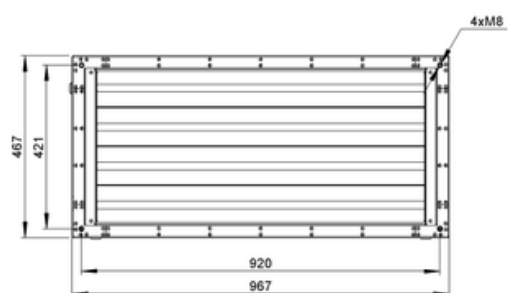
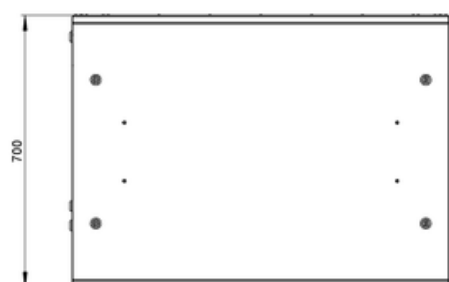
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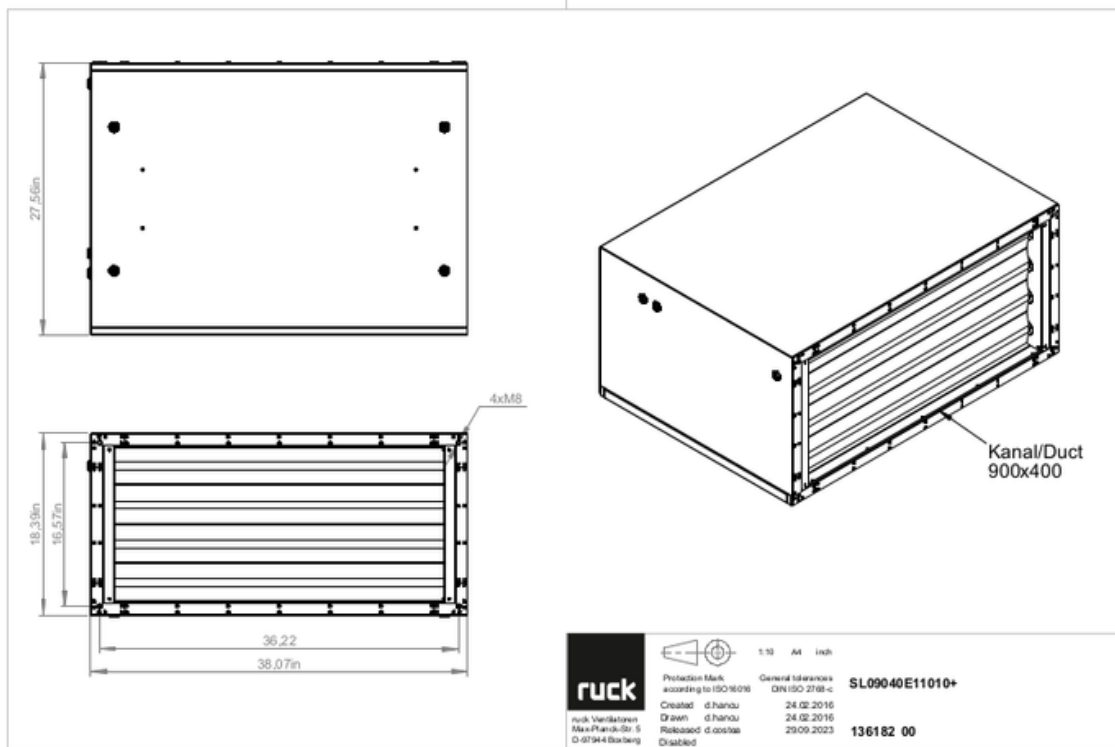
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MECHANICAL ACCESSORIES

VS 9040 | 118649



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



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ELECTRICAL ACCESSORIES

GS 01 | 102787



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

103590 | 103590



- Damper actuator
- Air damper size up to approx. 1 m^2
- 3 point control
- $U(N) = 24 \text{ V AC/DC}$

103933 | 103933



- Damper actuator
- Air damper size up to approx. 1 m^2
- 3 point control
- $U(N) = 230 \text{ V AC}$

MTP 20 | 128146



- Potentiometer $10 \text{ k}\Omega$
- Switching contact $1\text{A}/250\text{V AC} - 2,5\text{A}/12\text{V DC}$
- Max. ambient temperature $50 \text{ }^\circ\text{C}$
- VDE

MTP 30 | 143289



- Stepped potentiometer $10 \text{ k}\Omega$
- Step 1 + 2 settable $10\% - 100\% \text{ Vdc}$
- Step 3 $100\% \text{ Vdc}$
- Supply voltage $+10 \text{ Vdc}$



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