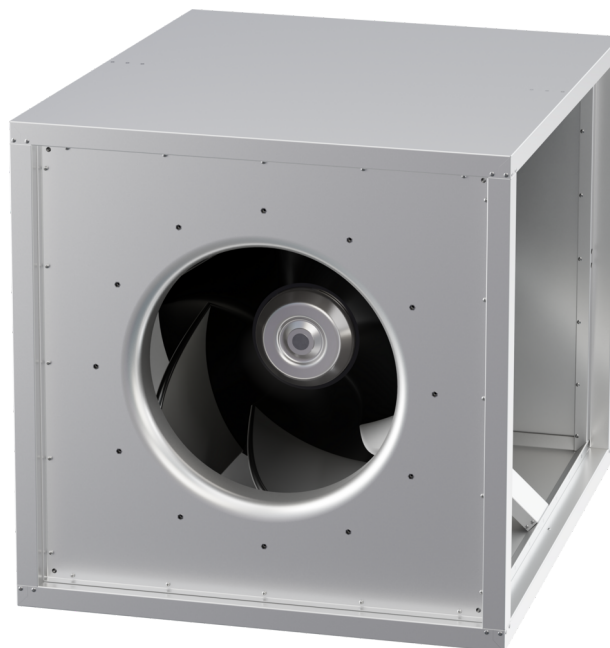


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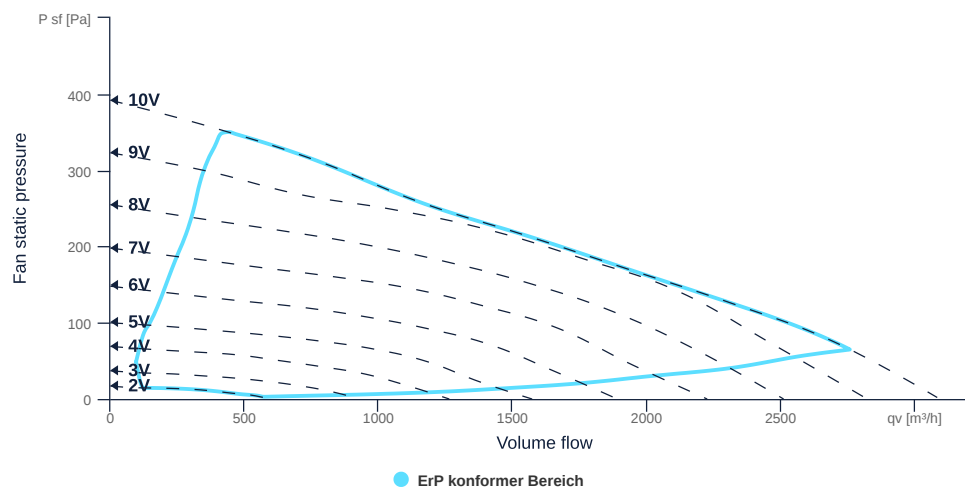
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- Radial fan with backward curved impeller
- Variable discharge direction right / left / linear
- Double wall housing made of galvanized steel sheet, insulated
- Highly efficient EC motor, steplessly controllable
- Internal electronic temperature monitoring
- With bottom tray



MAP

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		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN500		DN
Rated voltage (entire device)	230	V	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		mat _{casing}
Impeller material	Steel		mat _{impeller}
IP-protection class (entire device)	IPX4		IP _{compl}
Weight	49.4	kg	m
Nominal air flow rate, nominal point m³/h	2757.6	m³/h	q _{v,nom}
Nominal external pressure, static	65	Pa	p _{s,nom}
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.77	m³/s	q _{v,nom}
Actual electrical input power, nominal point	0.16	kW	P _{e,nom}
Face velocity, nominal point	2.38	m/s	V _{nom}
Nominal external pressure, static	65	Pa	p _{s,nom}
static efficiency of the extract fan, nominal point	30.76	%	η _{es,EHA}
Highest external air leakage rate	0.2	%	
Enclosure sound level, nominal point	50.73	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



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MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	164	164	W	P _{ed, max}
Max. operating current (device)	1.4	1.4	A	I _{ed, max}
Max. speed	1485	1485	1/min	n _{max}
Max. stat. efficiency	53.9	53.9	%	η _{es}
Max. fan efficiency	54.2	54.2	%	η _e
Max. flowrate	3080	3080	m³/h	Q _{v, max}
Max. stat pressure	390	390	Pa	p _{sf, max}
Max. medium temperature	60	60	°C	T _{m, max}
Max. environment temperature	60	60	°C	T _{amb, max}
Min. environment temperature	-25	-25	°C	T _{amb, min}

MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		EC		phase
Control type		stepless-controlled		ctrltype
Installation type		ORM (Out)		install
Rotation direction		right		rotation
Isolation class		ISO B		ISOclass
Motor-protection		TEC		protectmotor
Protection class		IP54		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwrsupmotor
Rated voltage	230		V	U _{rated, f1}
Rated current	1.4		A	I _{rated, f1}
Shaft power	168		W	P _{out, f1}
Speed	1250		1/min	n _{f1}
Efficiency	65.5		%	η _{m, f1}
Min. temperature	-25		°C	T _{motor, min}
UL-Certification motor		UL recognized		ULcert

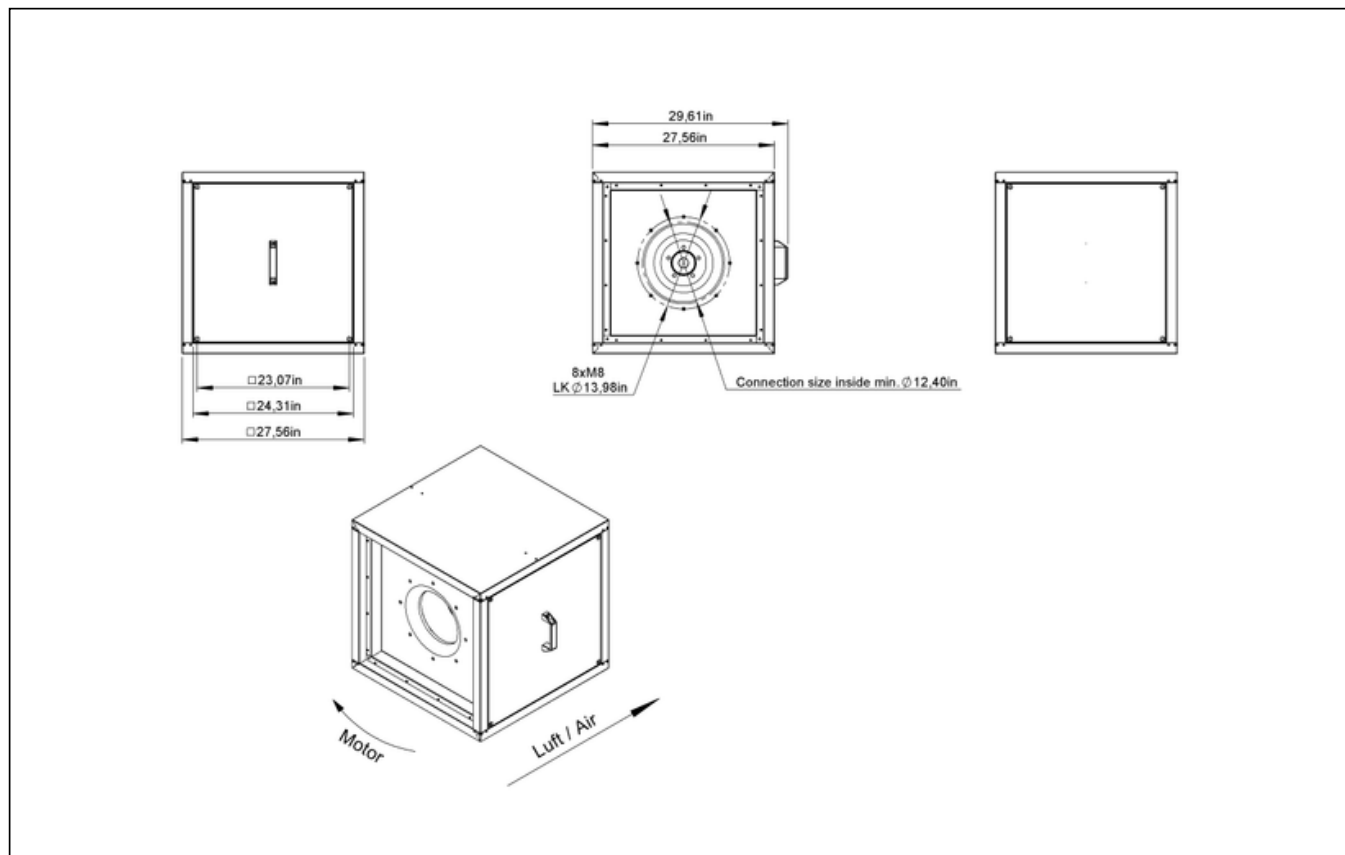
SMOKE EXTRACT DATA

Name	Value	Unit	Formula symbol
Fire resistance class	None		Fclass



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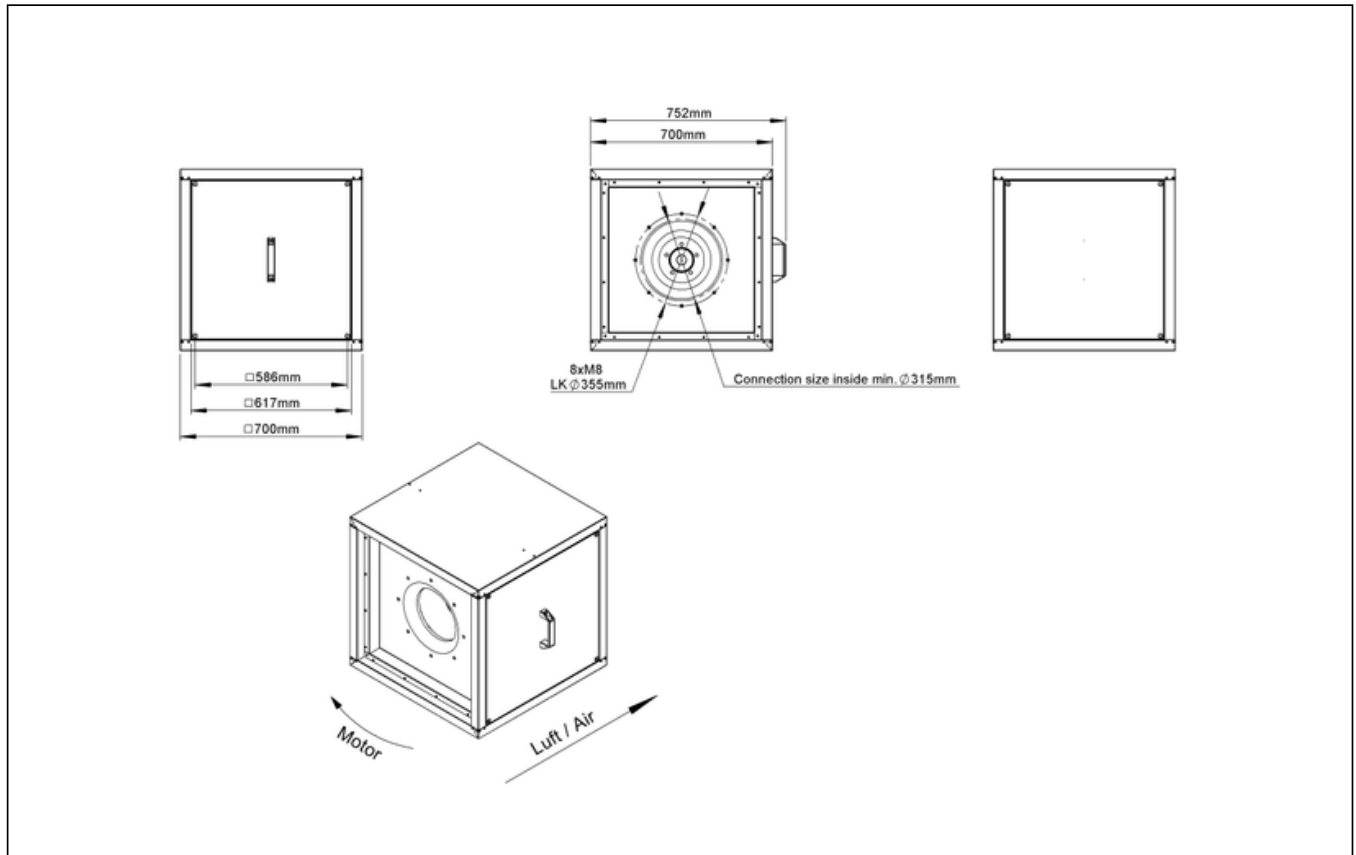
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



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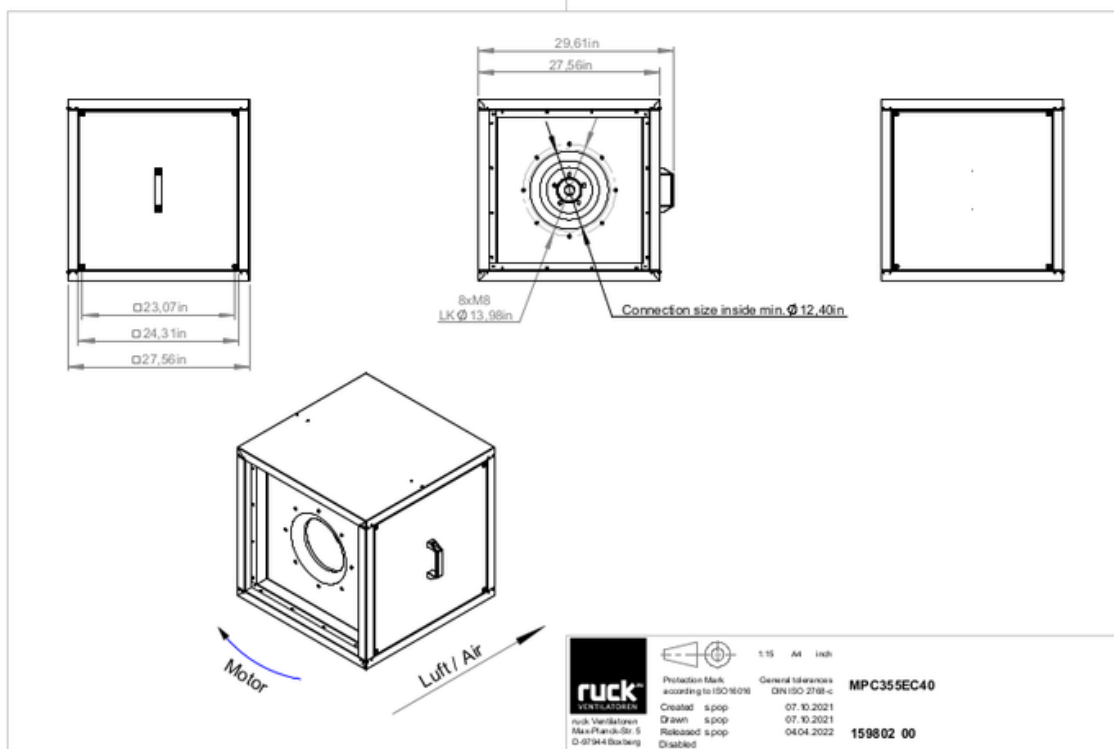


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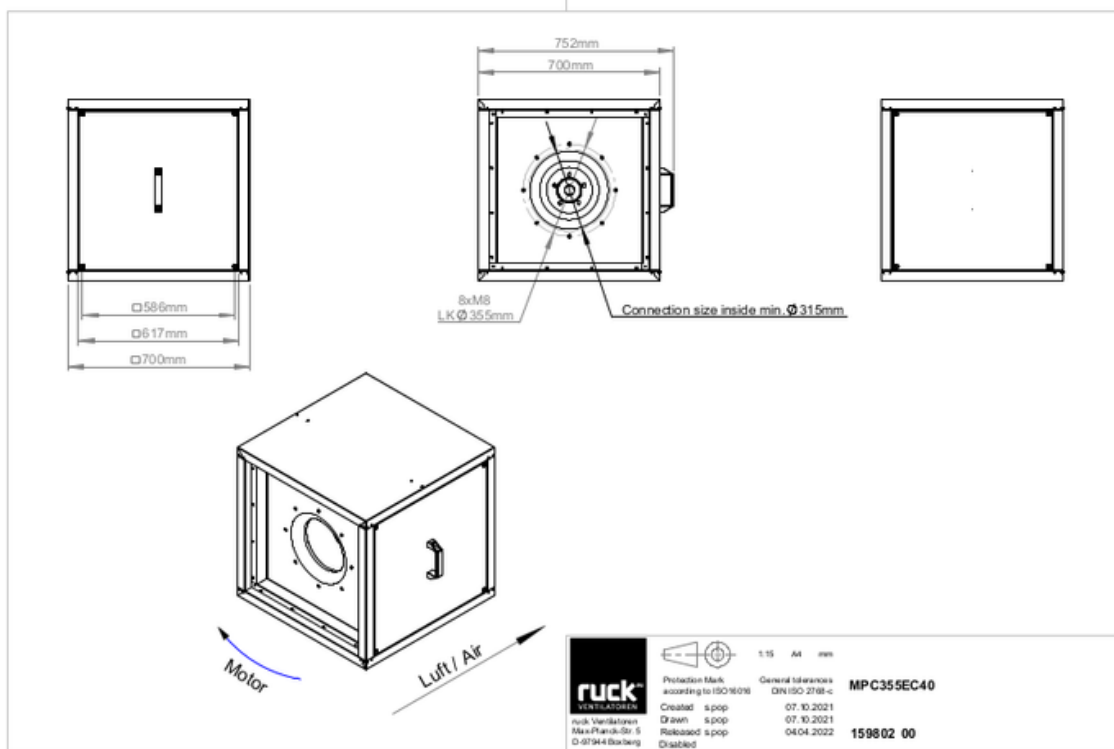


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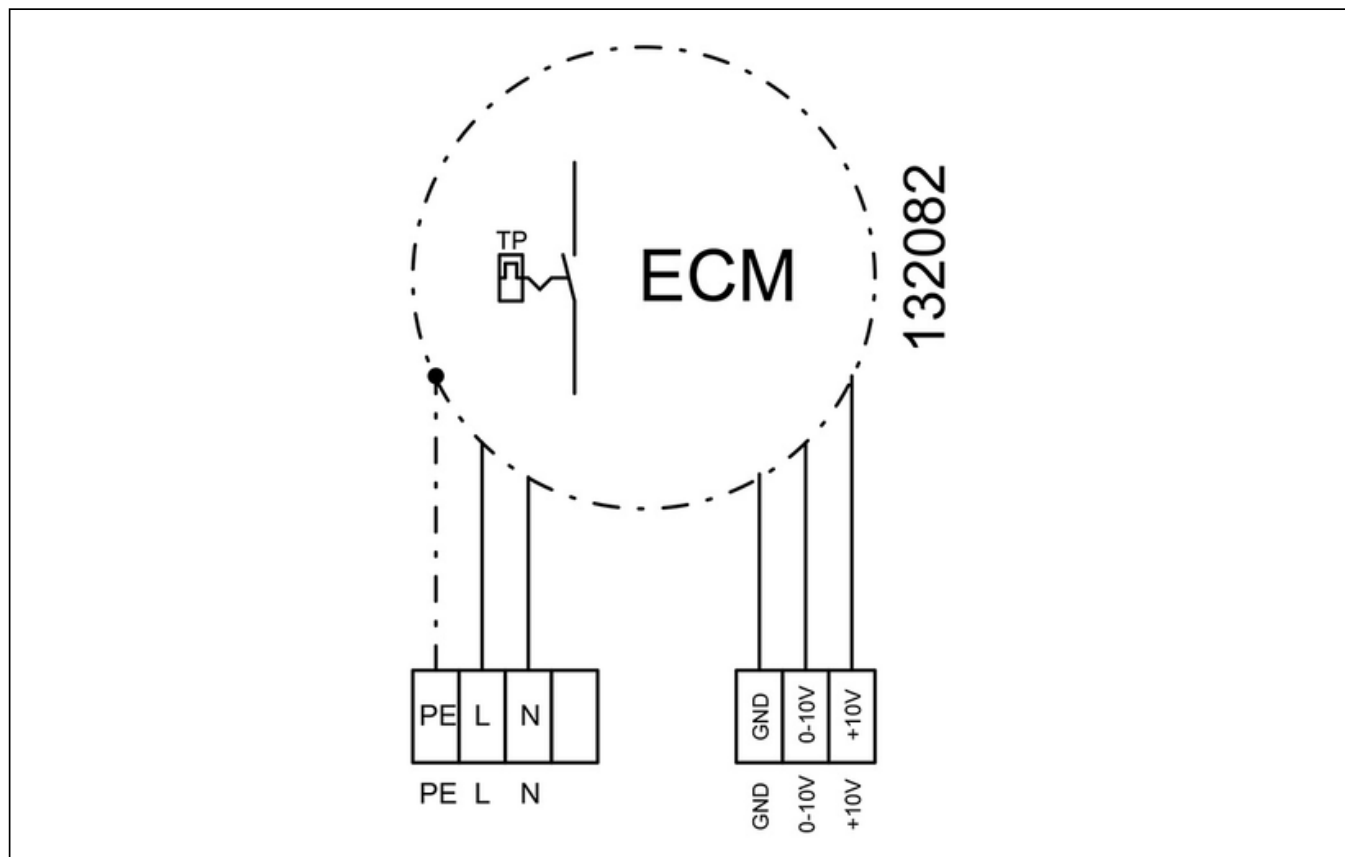
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