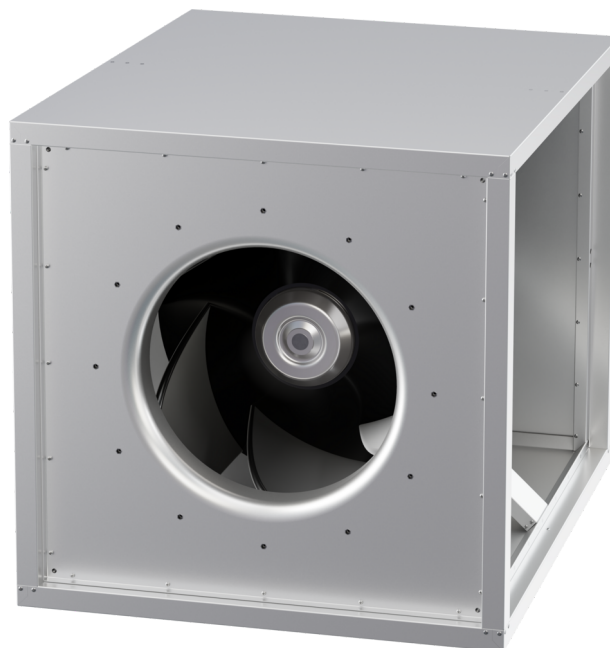


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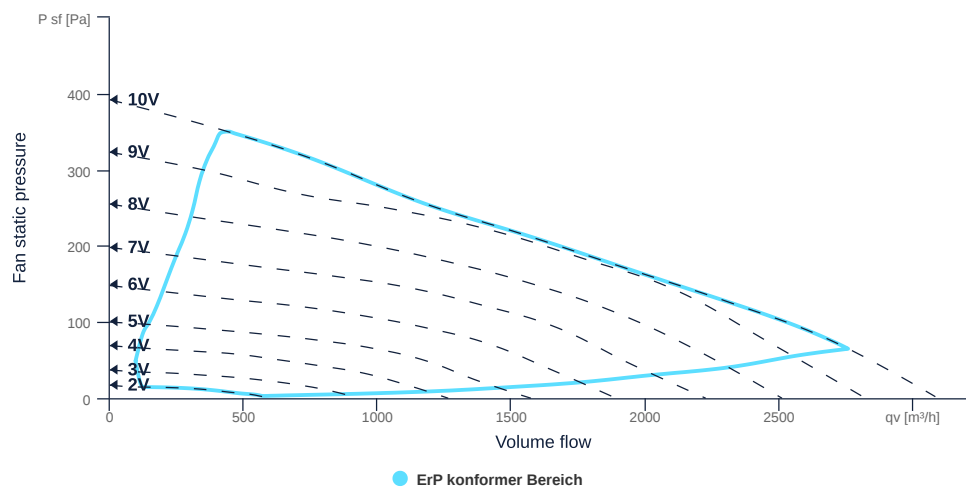
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- Radial fan with backward curved impeller
- Variable discharge direction right / left / linear
- Double wall housing made of galvanized steel sheet, insulated
- Highly efficient EC motor, steplessly controllable
- Internal electronic temperature monitoring
- 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
ERP conformity	Yes		
Certifications	CE, UKCA		
Duct size	-		WxHduct
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		matcasing
Impeller material	Steel		matimpeller
IP-protection class (entire device)	IPX4		IPcompl
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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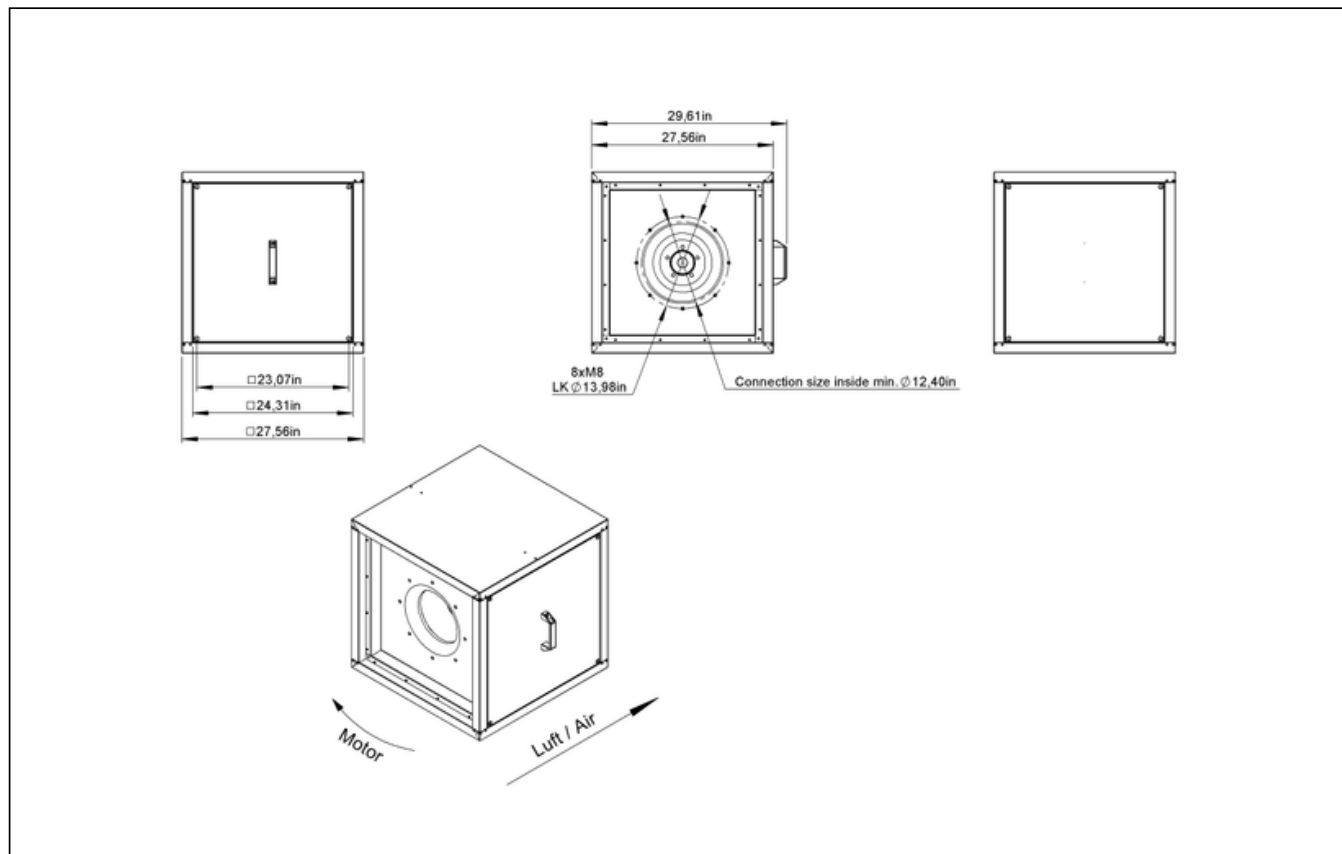
MAXIMAL DATA

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	m ³ /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	$T_{amb, min}$



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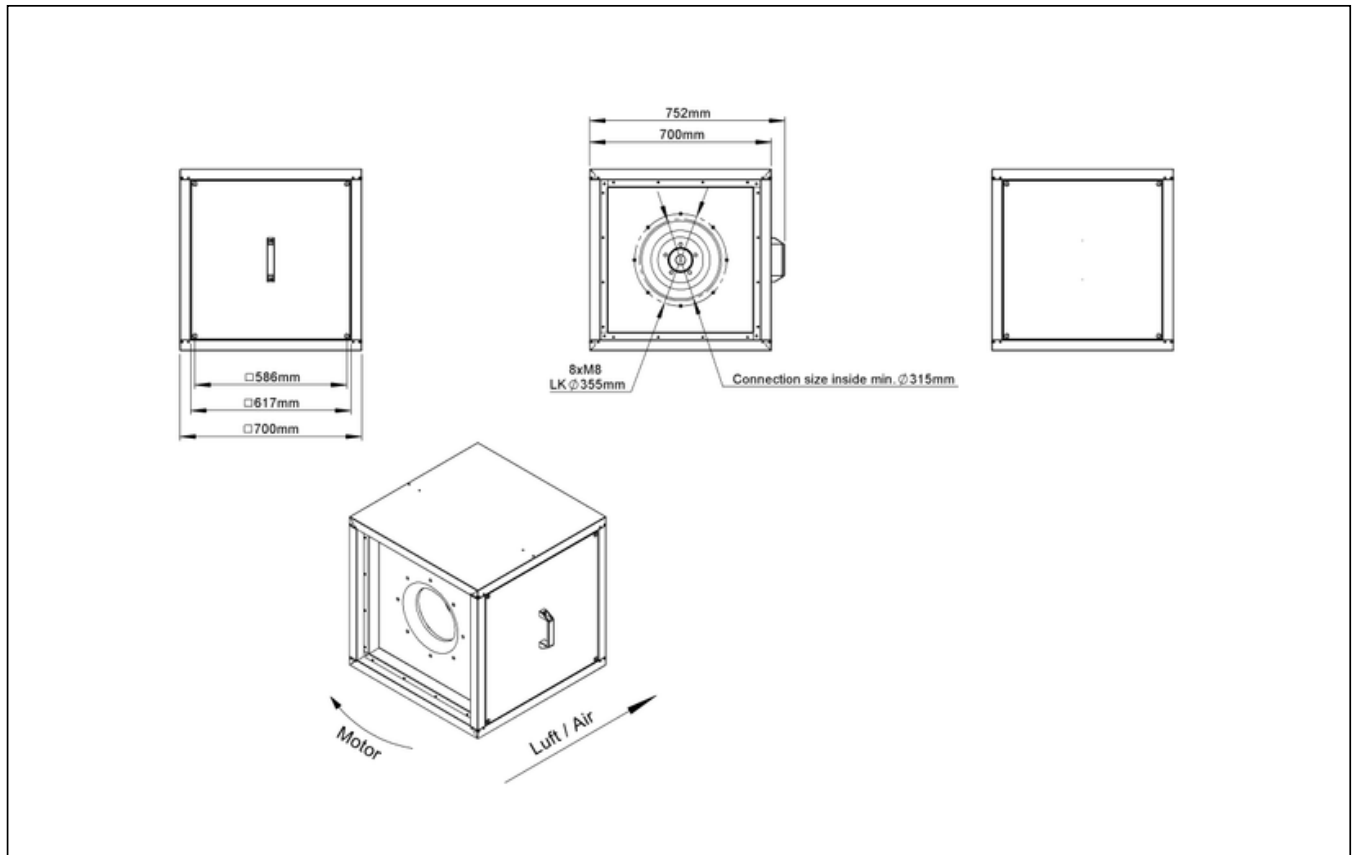
SCHALTPLÄNE / MASSZEICHNUNGEN



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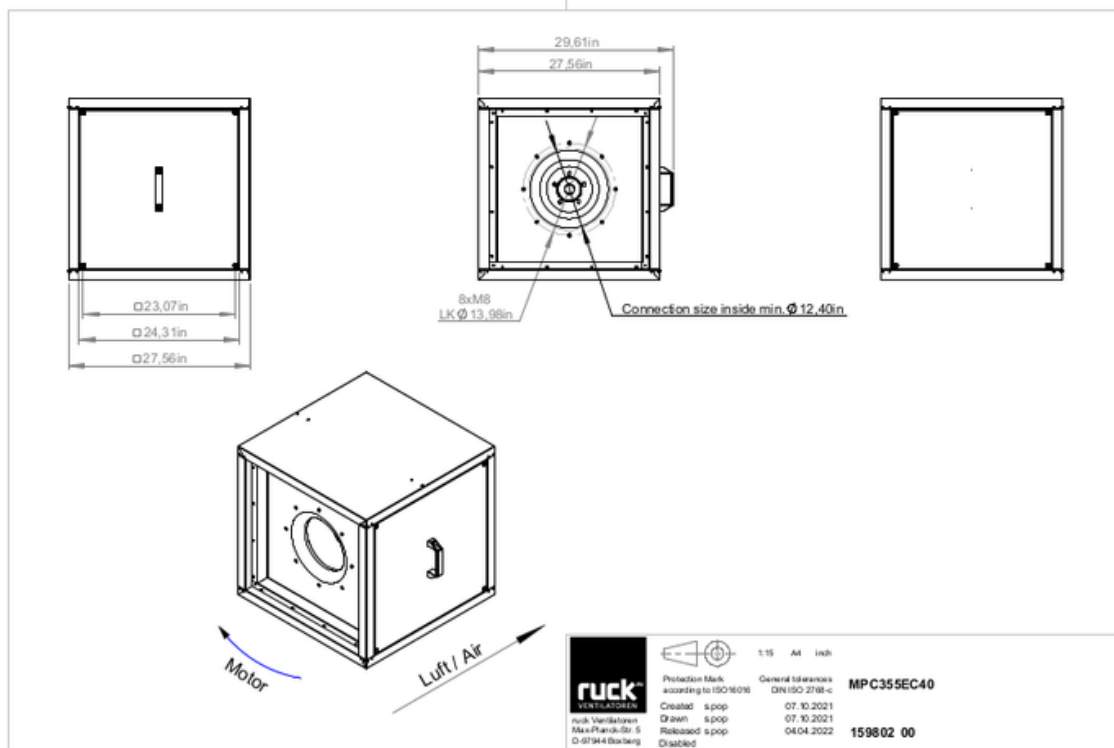


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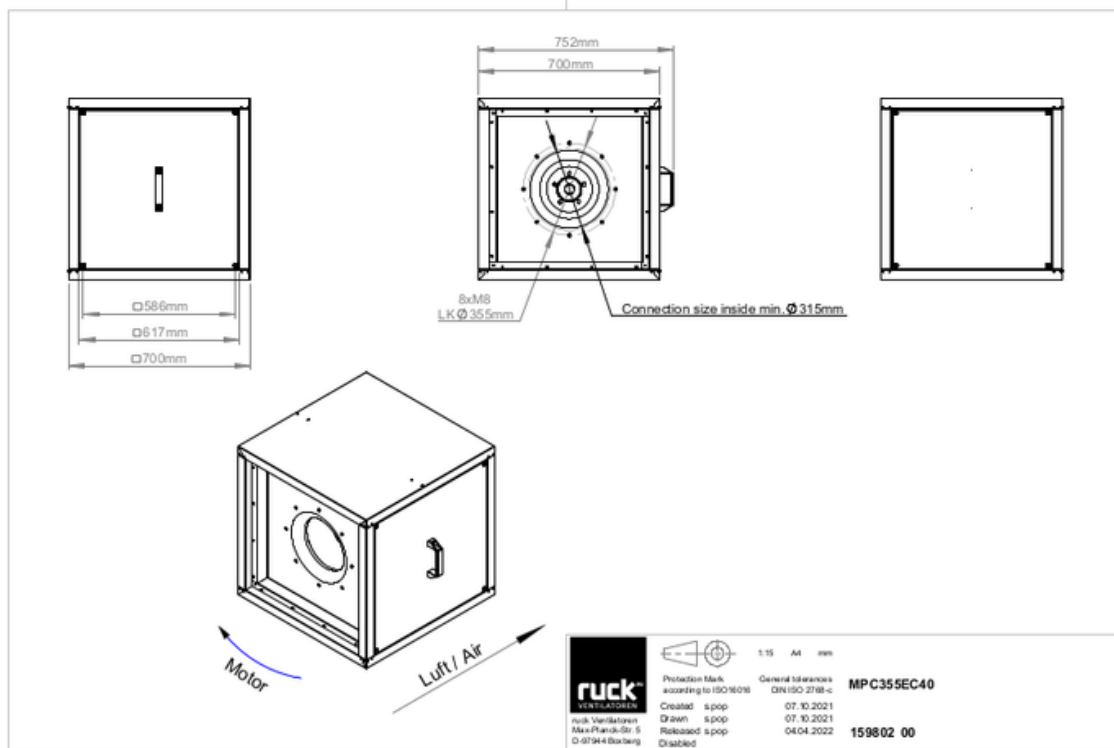


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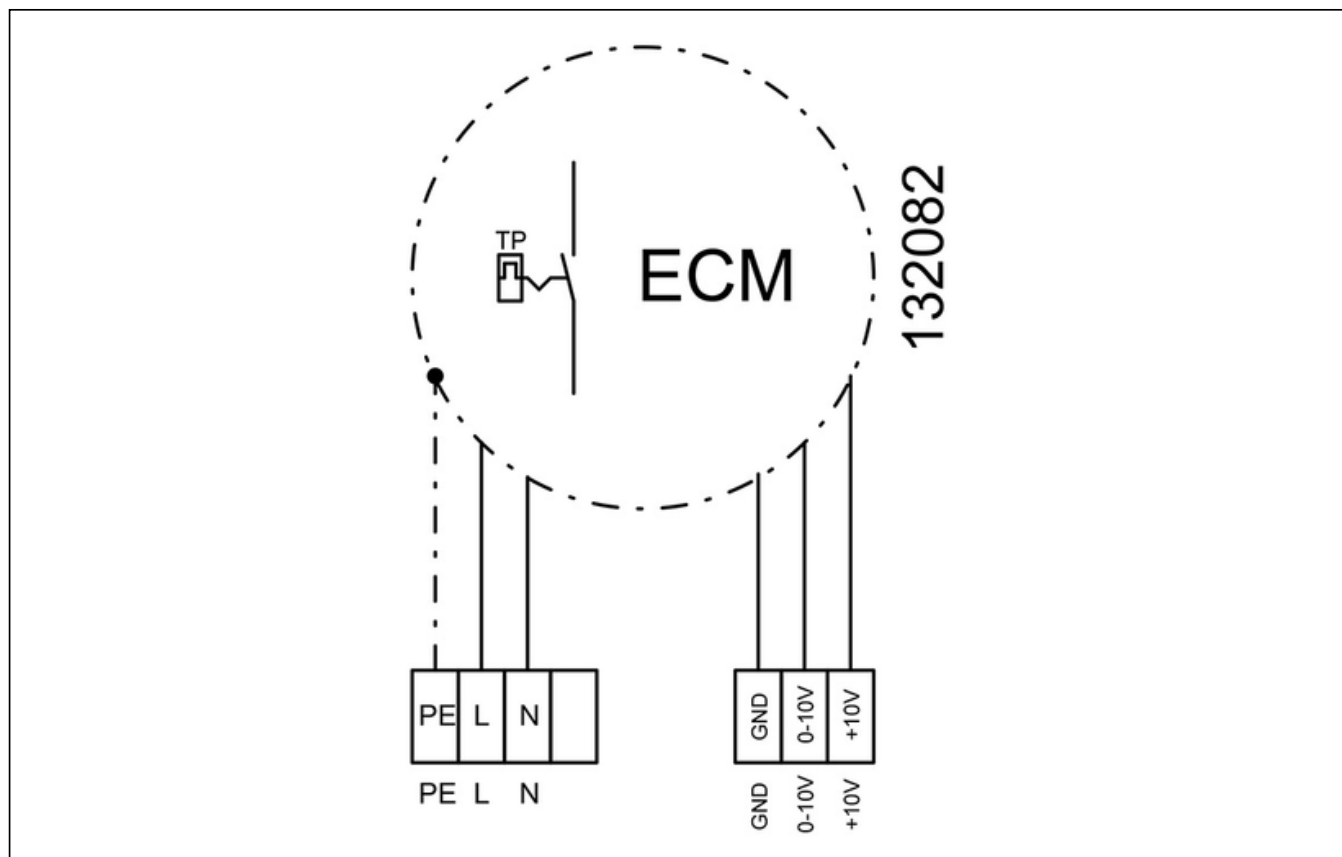


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MECHANICAL ACCESSORIES

FB 700 | 160866



- Air filter box for panel filter
- For MPC box 700
- For 1 or 2 filter (not included)
- Housing made of galvanized sheet steel

USM 700 400 | 107214



- Transition spigot
- Galvanized steel sheet
- Insulated

USM 700 450 | 107240



- Transition spigot
- Galvanized steel sheet
- Insulated

USM 700 500 | 107241



- Transition spigot
- Galvanized steel sheet
- Insulated

MB MPC 02 | 116410



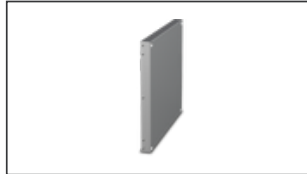
- Motor protection shield
- Sendzimir galvanized sheet

GR MPC 02 | 123432



- Base frame für MPC
- Galvanized steel sheet

UCP 700 | 142568



- Closed panel
- Galvanized steel sheet

RVK 315 | 153873



- Automatic tube shutter
- Sheet steel, powder coated
- For vertical installation
- Flange mounting

RVK H 315 | 155010



- Automatic tube shutter
- Sheet steel, powder coated
- For horizontal installation
- Flange mounting

UQR 700 400 01 | 139863



- Transition duct/tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

UQR 700 450 01 | 139868



- Transition duct/tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

UQR 700 500 01 | 139871



- Transition duct/tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

VM 400 | 102654



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

VM 500 | 118094



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

VM 450 | 119495



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

AS MPC 400 | 140847



- Inlet spigot
- Galvanized steel sheet

AS MPC 450 | 140852

AS MPC 500 | 140871

RAF 315 | 154016

RVS 315 | 154174



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MPC 355 EC 40

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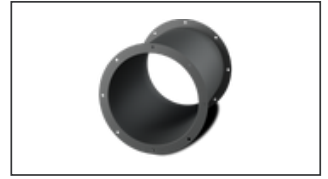
- Inlet spigot
- Galvanized steel sheet



- Inlet spigot
- Galvanized steel sheet

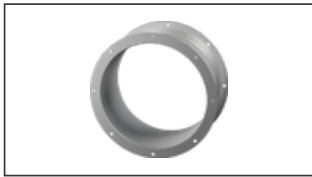


- Round flange
- Sheet steel, powder coated



- Tube connection spigot
- Sheet steel, powder coated
- Suitable for outdoor installation
- Flange mounting

RAS 315 | 154246



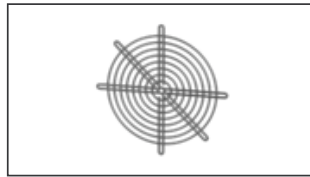
- Round spigot, flexible
- Galvanized steel sheet, plastic band (PES)
- Temperature resistant up to 75 °C
- Flange mounting

ESD 315 | 153962



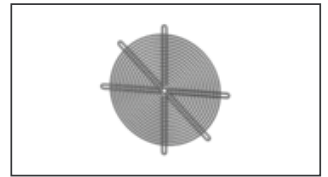
- Inlet cone
- Steel sheet, powder coated
- Flange mounting

SGW 315 | 154047



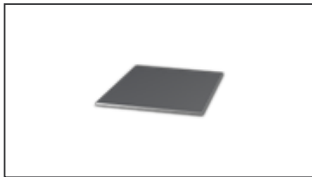
- Protection grille, wide meshed
- Steel sheet, galvanized
- Flange mounting

SGE 315 | 154058



- Protection grille, narrow meshed
- Steel sheet, galvanized
- Flange mounting

RD MPC 700 | 140093



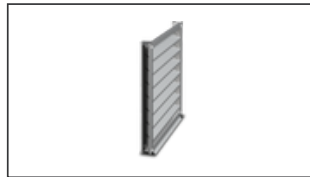
- Rain cover for outdoor installation
- Galvanized steel sheet

WSH MPC 02 | 123433



- Weather protection hood
- Galvanized steel sheet

WSG MPC 700 | 140748



- Weather protection grille
- Galvanized steel sheet



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ELECTRICAL ACCESSORIES

GS 03 | 107633



- Device switch
- $U_{max} = 400 \text{ V}$, $I_{max} = 25 \text{ A}$
- Switching capacity $400 \text{ V } 3\sim = 5,5 \text{ kW}$
- Protection class IP 55

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 $+10 \text{ Vdc}$

MTP 40 | 147359



- Potentiometer $10 \text{ k}\Omega$
- Connection in terminal box
- Max. ambient temperature $50 \text{ }^\circ\text{C}$
- PU: 20 pieces

SEN AIR | 148641



- Airflow and temperature transducer
- Measuring range temperature $0...+50 \text{ }^\circ\text{C}$
- With adjustable switching threshold (air speed)
- Measuring range air velocity up to 20 m/s

CON P1000 | 115259



- Constant pressure control
- Actual value display possible via optional control unit
- Output $0-10 \text{ V DC} + \text{FC enable} + \text{setpoint reached}$
- Pressure setting by means of decade switch

MTP 50 | 153133



- Potentiometer with multifunction output
- $230 \text{ VAC} \pm 10\% / 50-60 \text{ Hz}$
- Selectable output: $1-10 \text{ VDC} / 2-20 \text{ mA} / 10-100\% \text{ PWM}$
- Min. and max. output value adjustable



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