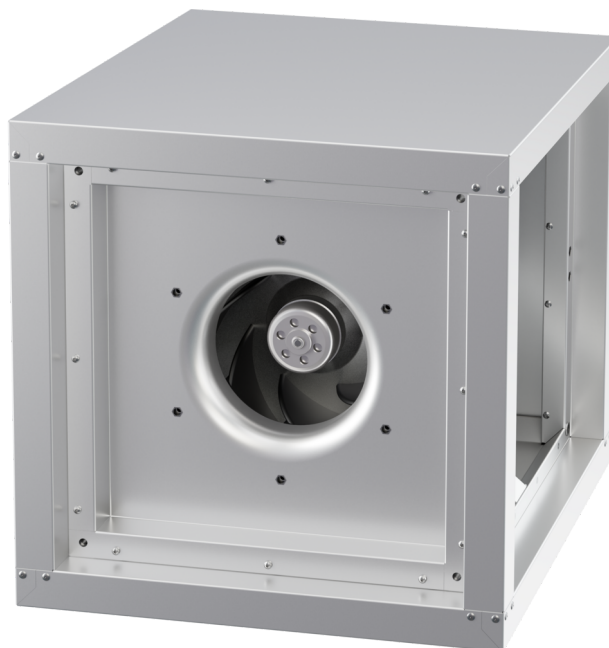


MPC 250 EC 40

157954

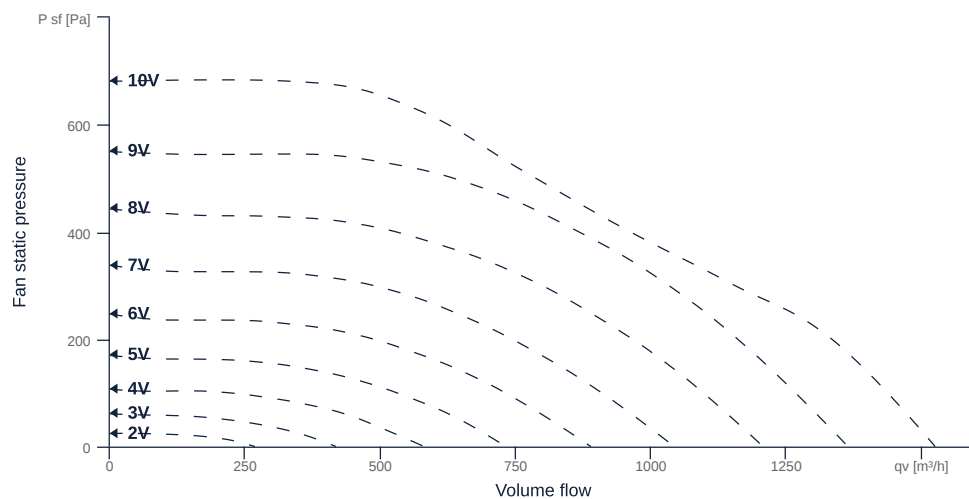
ruck

- 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



zur Produktseite

MPC 250 EC 40

157954

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Certifications	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN355		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}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	28.9	kg	m
Nominal air flow rate, nominal point m³/h	1378.8	m³/h	q _{v,nom}
Nominal external pressure, static	162	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	0.38	m³/s	q _{v,nom}
Actual electrical input power, nominal point	0.19	kW	P _{e,nom}
Face velocity, nominal point	2.83	m/s	V _{nom}
Nominal external pressure, static	162	Pa	p _{s,nom}
static efficiency of the extract fan, nominal point	31.9	%	η _{es,EHA}
Highest external air leakage rate	0.2	%	
Enclosure sound level, nominal point	59.99	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



zur Produktseite

MPC 250 EC 40

157954

ruck

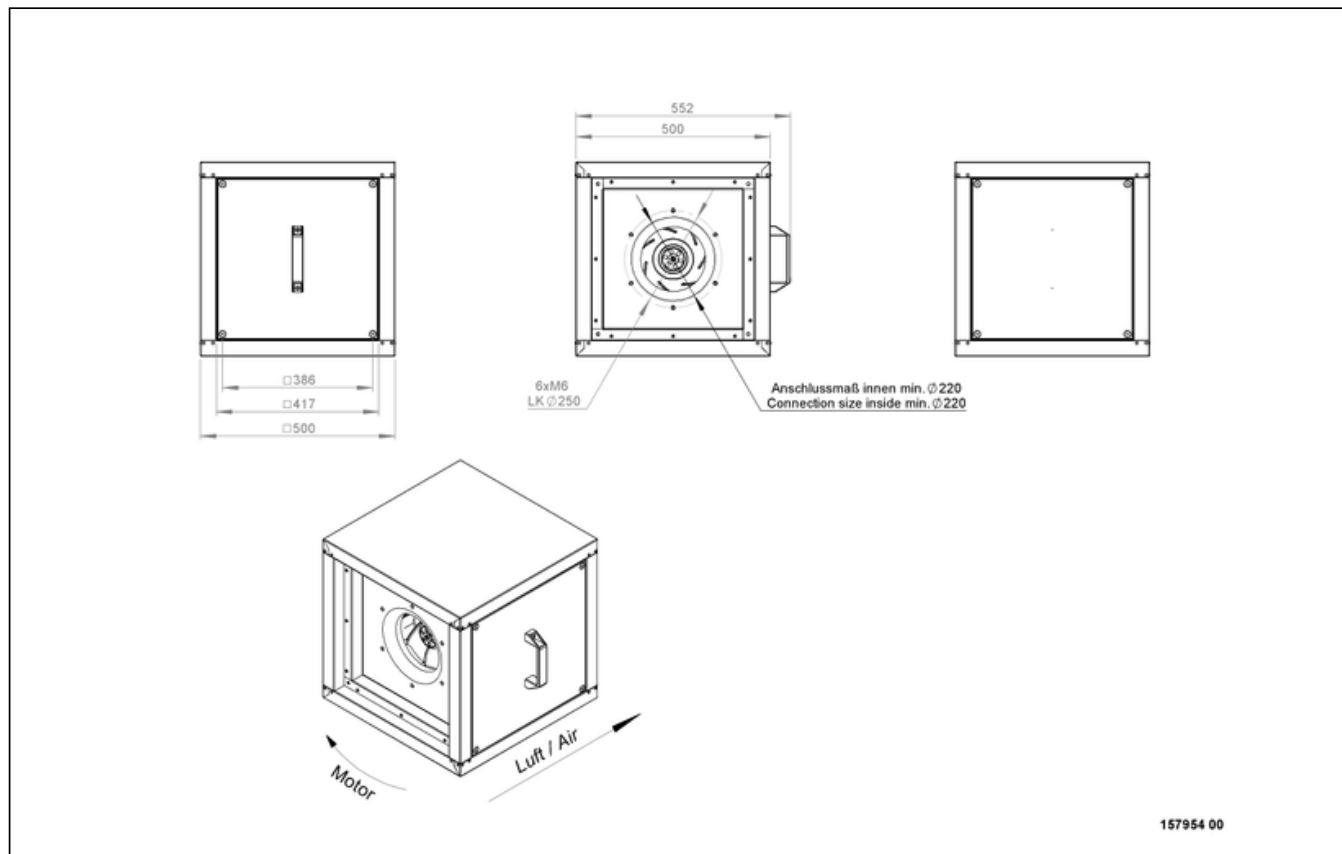
MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	207	207	W	$P_{ed, max}$
Max. operating current (device)	1.76	1.76	A	$I_{ed, max}$
Max. speed	2995	2995	1/min	n_{max}
Max. stat. efficiency	50.4	50.4	%	η_{es}
Max. fan efficiency	50.7	50.7	%	η_e
Max. flowrate	1520	1520	m³/h	$Q_{v, max}$
Max. stat pressure	680	680	Pa	$p_{sf, max}$
Max. medium temperature	70	70	°C	$T_{m, max}$
Max. environment temperature	70	70	°C	$T_{amb, max}$
Min. environment temperature	-30	-30	°C	$T_{amb, min}$



zur Produktseite

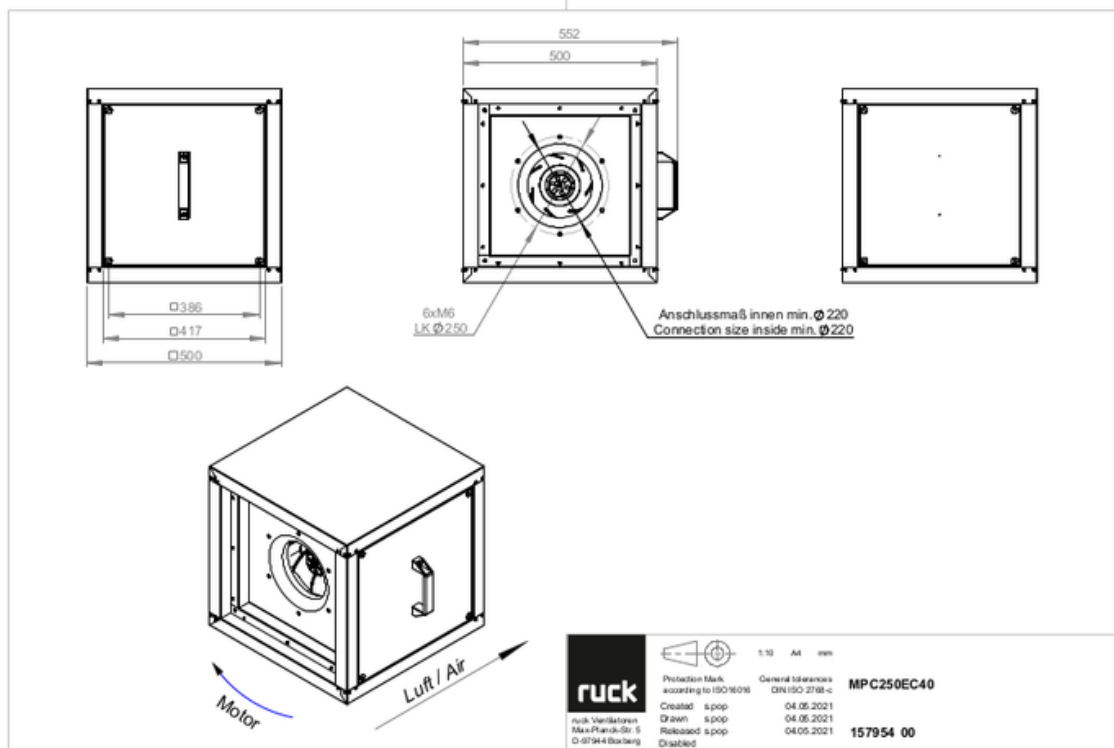
SCHALTPLÄNE / MASSZEICHNUNGEN



MPC 250 EC 40

157954

ruck

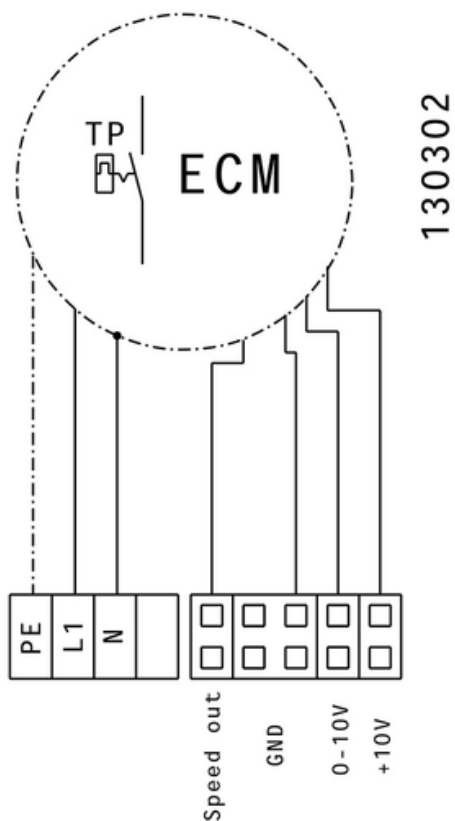


zur Produktseite

MPC 250 EC 40

157954

ruck

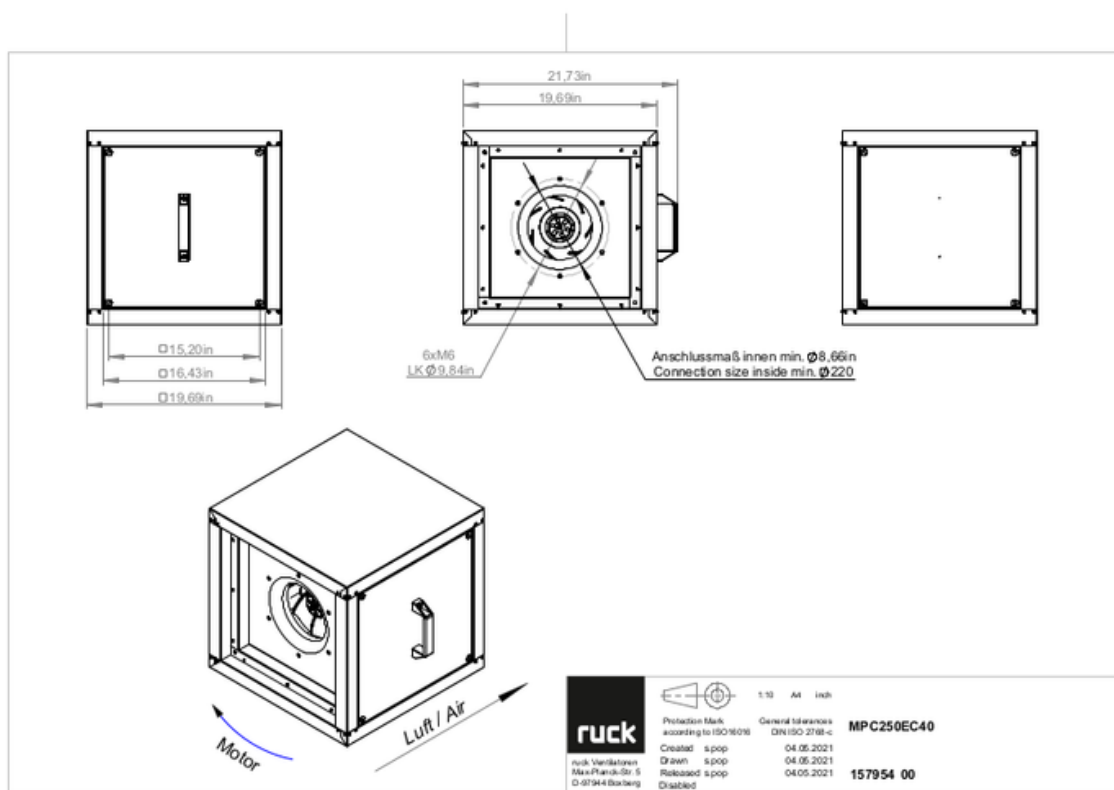


zur Produktseite

MPC 250 EC 40

157954

ruck



zur Produktseite



MECHANICAL ACCESSORIES

FB 500 | 160864



- Air filter box for panel filter
- For MPC box 500
- For 1 or 2 filter (not included)
- Housing made of galvanized sheet steel

USM 500 315 | 107181



- Transition spigot
- Galvanized steel sheet
- Insulated

USM 500 355 | 107182



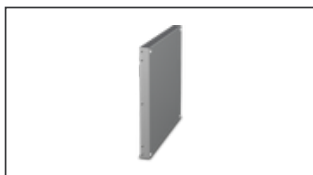
- Transition spigot
- Galvanized steel sheet
- Insulated

GR MPC 01 | 123430



- Base frame für MPC
- Galvanized steel sheet

UCP 500 | 142567



- Closed panel
- Galvanized steel sheet

UQR 500 315 01 | 136201



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

UQR 500 250 01 | 136232



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

VM 250 | 102651



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

VM 355 | 102653



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

AS MPC 250 | 140836



- Inlet spigot
- Galvanized steel sheet

AS MPC 315 | 140844



- Inlet spigot
- Galvanized steel sheet

AS MPC 355 | 140956



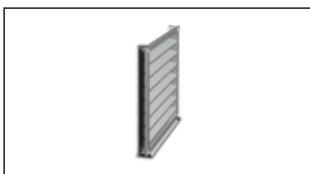
- Inlet spigot
- Galvanized steel sheet

WSH MPC 01 | 123431



- Weather protection hood
- Galvanized steel sheet

WSG MPC 500 | 140741



- Weather protection grille
- Galvanized steel sheet

RD MPC 500 | 140073



- Rain cover for outdoor installation
- Galvanized steel sheet

VM 315 | 102652



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



zur Produktseite

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



zur Produktseite