

DVNI 225 E2 30

145085

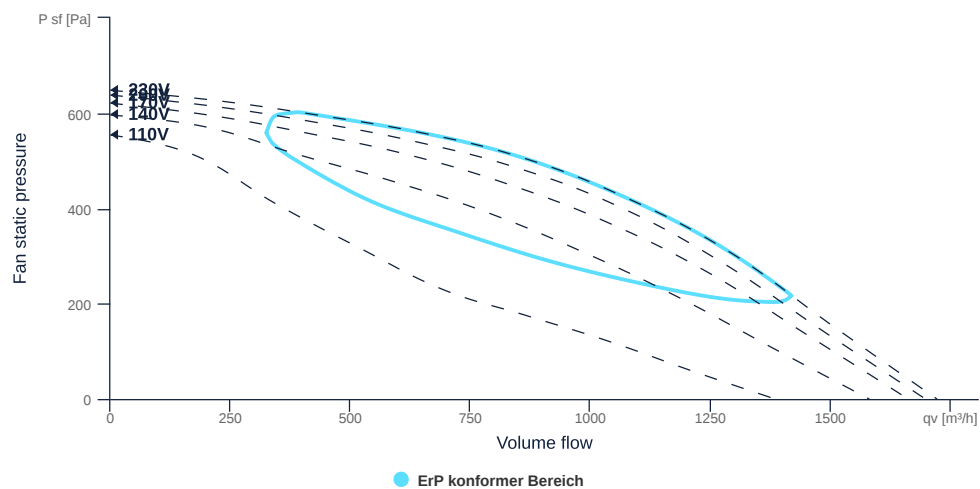
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- Backward curved radial impeller
- Vertical discharge
- Housing: insulated, AlMg3, hinged, grease drain
- Robust single phase AC motor, steplessly controllable
- For greasy kitchen exhaust air, up to 120 °C
- Integrated device switch



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)	DN180		DN
Rated voltage (entire device)	230	V	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Aluminium		mat _{casing}
Impeller material	Steel		mat _{impeller}
Weight	30.5	kg	m
Nominal air flow rate, nominal point m³/h	1386	m³/h	q _{v,nom}
Nominal external pressure, static	238	Pa	p _{s,nom}
Fan type	Radial		F _{an} type
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.39	m³/s	q _{v,nom}
Actual electrical input power, nominal point	0.26	kW	P _{e,nom}
Face velocity, nominal point	6.9	m/s	v _{nom}
Nominal external pressure, static	238	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	46.5	%	η _{es,SUP}
Enclosure sound level, nominal point	76	dB(A)	L _{WA2}
Rating	Product is compliant 2018		

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	273	W	P _{ed, max}
Max. operating current (device)	2.06	A	I _{ed, max}
Max. speed	2930	1/min	n _{max}
Max. stat. efficiency	44.1	%	η _{es}
Max. fan efficiency	46	%	η _e
Max. flowrate	1720	m³/h	q _{v, max}
Max. stat pressure	650	Pa	p _{sf, max}
Max. medium temperature	120	°C	T _{m, max}
Max. environment temperature	80	°C	T _{amb, max}
Min. environment temperature	-25	°C	T _{amb, min}
Min. voltage	110	V	U _{min}

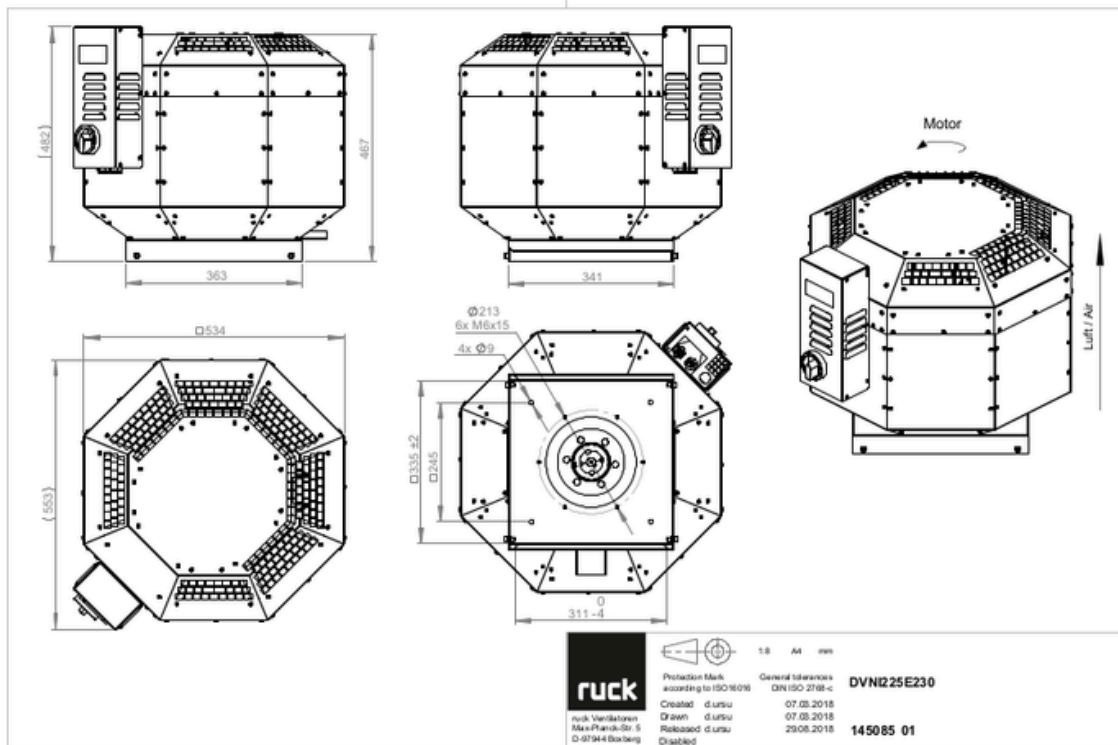


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MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 1~		phase
Control type		stepless-controlled		ctrtype
Installation type		IRM (In)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Motor-protection		TAO		protectmotor
Protection class		IP54		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwrsupmotor
Capacity capacitor		8	µF	Ccond
Voltage capacitor		400	V	VUcond
Number of poles (1)		2.000000		num polesw1
UL-Certification motor		None		ULcert

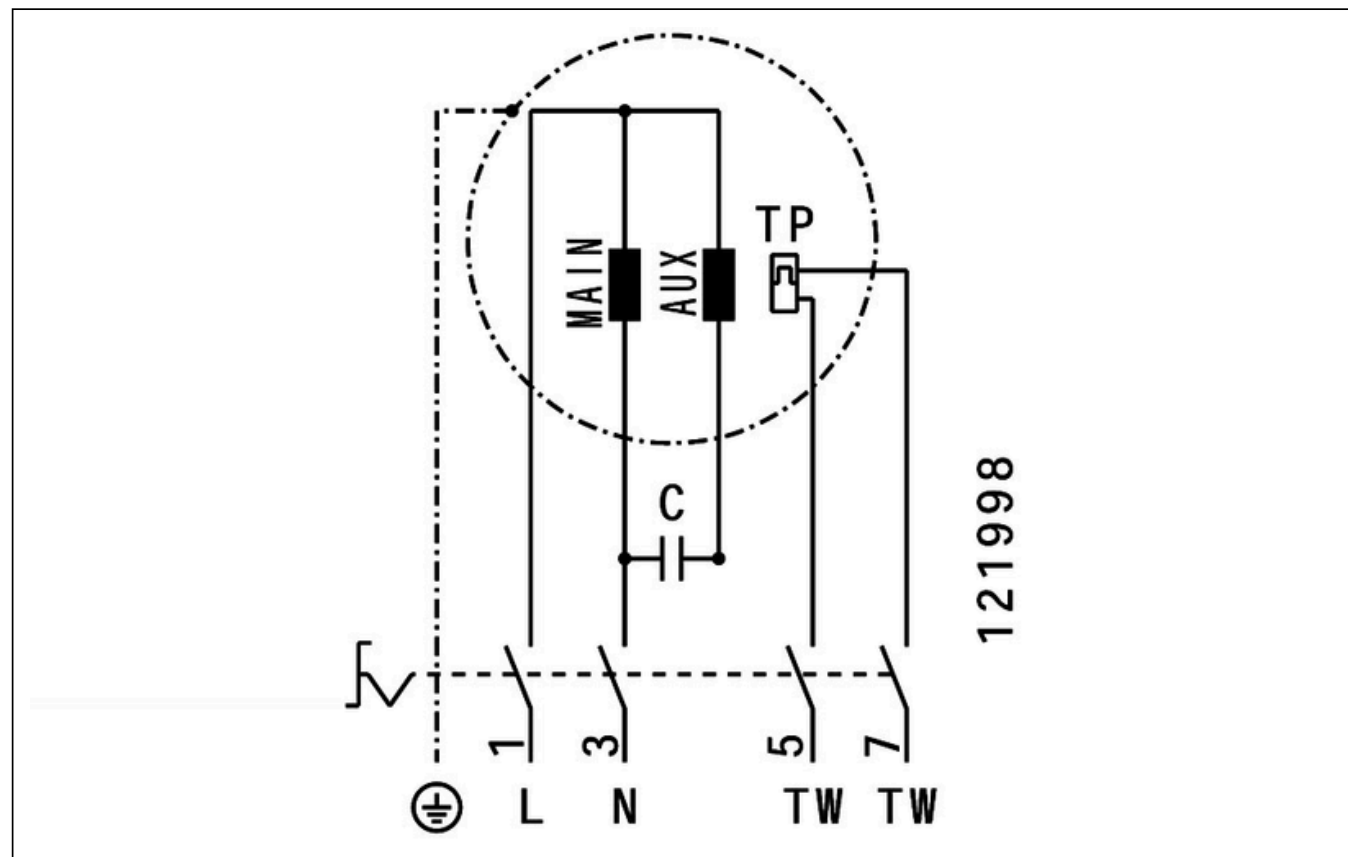
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



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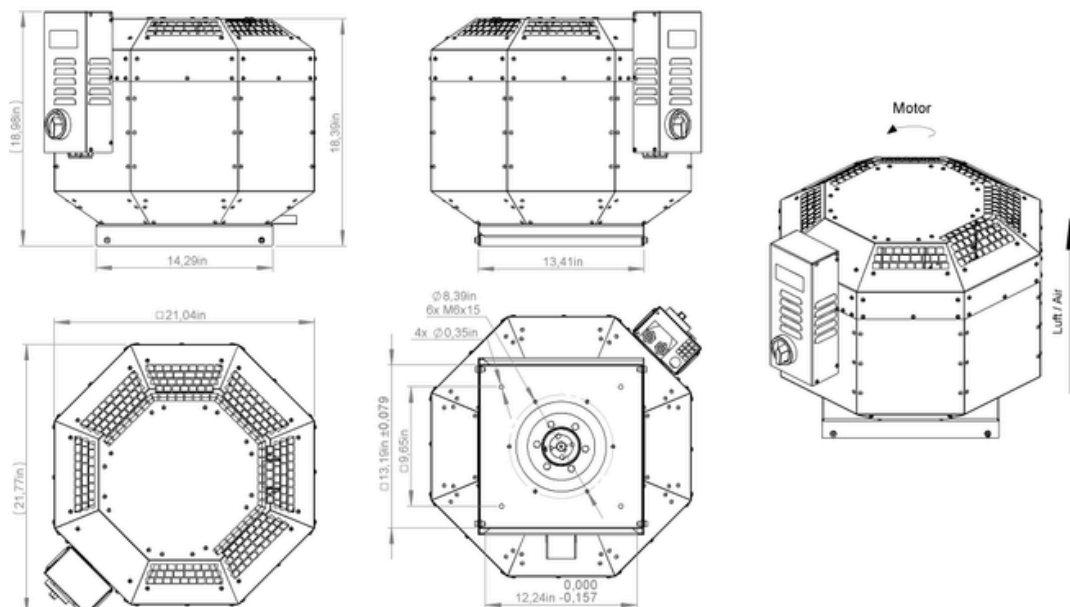
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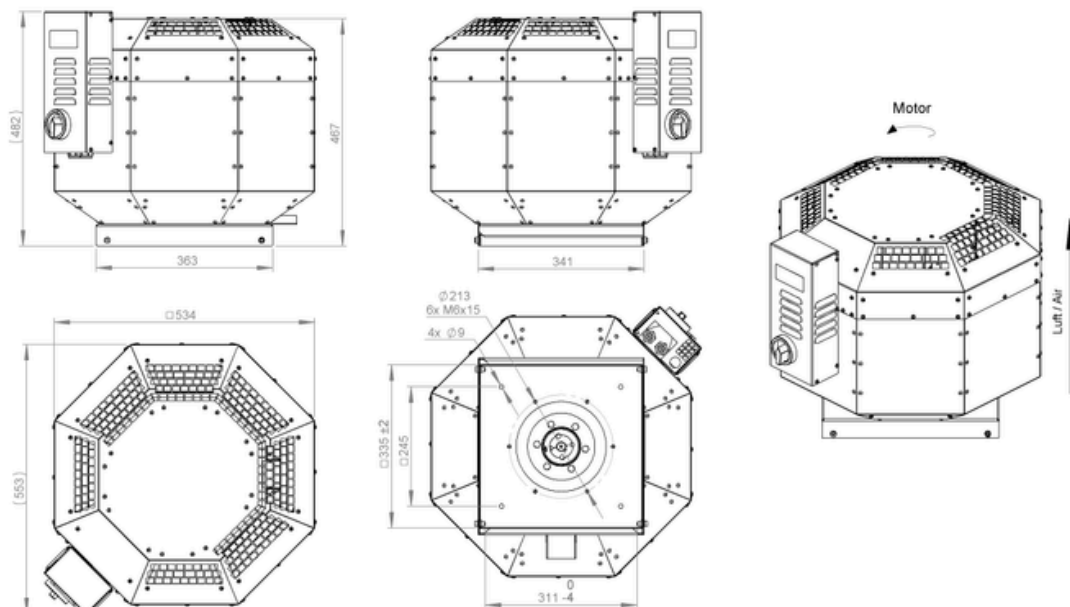


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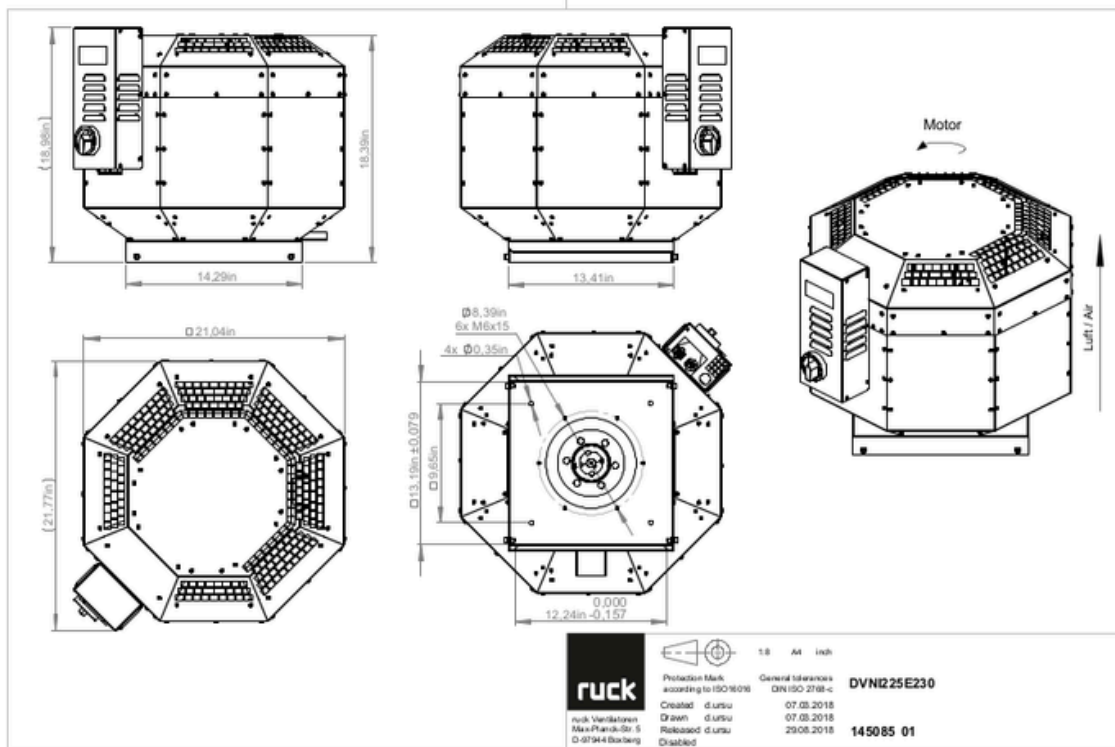


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MECHANICAL ACCESSORIES

DVK 180 10 | 153000



- Automatic roof shutter
- Galvanized steel sheet

DAF 150 | 110735



- Roof inlet flange
- Galvanized steel sheet

DAF 180 | 110744



- Roof inlet flange
- Galvanized steel sheet

DAF 160 | 137396



- Roof inlet flange
- Galvanized steel sheet

DAS 180 F4 | 145422



- Flexible roof inlet spigot F4
- Temperature resistant up to 400 °C

DSF 220-10 | 126170



- Flat roof socket
- Made of aluminum AlMg3
- Sound and heat insulation

DSF 220-12 | 133709



- Sloped roof socket
- Made of aluminum AlMg3
- Sound and heat insulation
- For roof slope 3°

DAP 220 | 133946



- Adapter plate for roof mounting of roof fans
- Galvanized steel sheet

DSS 220-10 | 126356



- Flat roof socket silencer
- Made of aluminum AlMg3
- Sound and heat insulation

DSS 220-12 | 134283



- Sloped roof socket silencer
- Made of aluminum AlMg3
- Sound and heat insulation
- For roof slope 3°

ELECTRICAL ACCESSORIES

TEM 035 | 103502



- 5-step transformer
- 230 V, 50/60 Hz, 3.5 A
- Output voltage: 230-190-170-140-110-80-0 V
- Protection class IP 54

TEM 035G | 111580



- 5-step transformer
- 230 V 1~, 50/60 Hz

TES 035 02 | 146195



- 5-step transformer
- 230 V, 50/60 Hz, 3.5 A
- Without housing, control cabinet installation
- Protection class IP 20



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