

DVN 225 E2 30

142174

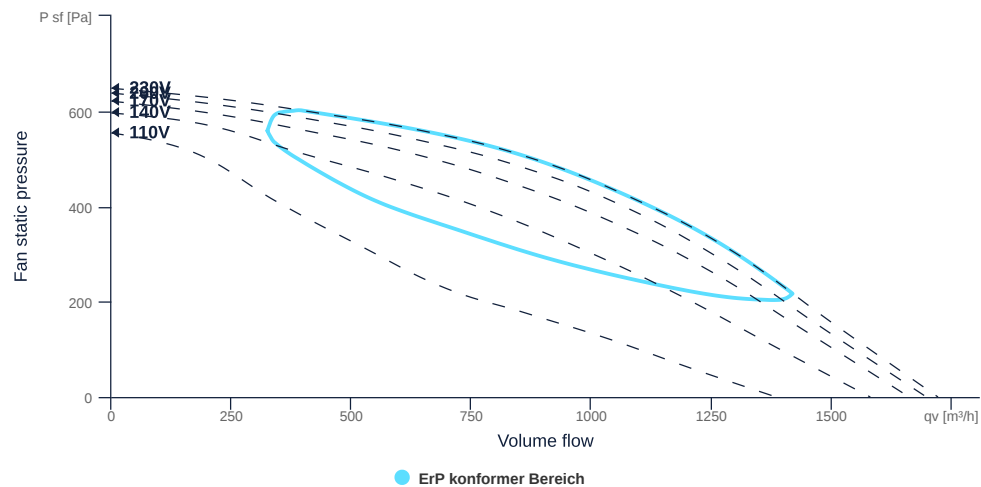
ruck

- Backward curved radial impeller
- Vertical discharge
- Housing: 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



to the product detail page

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	13.7	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		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.39	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	81	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}

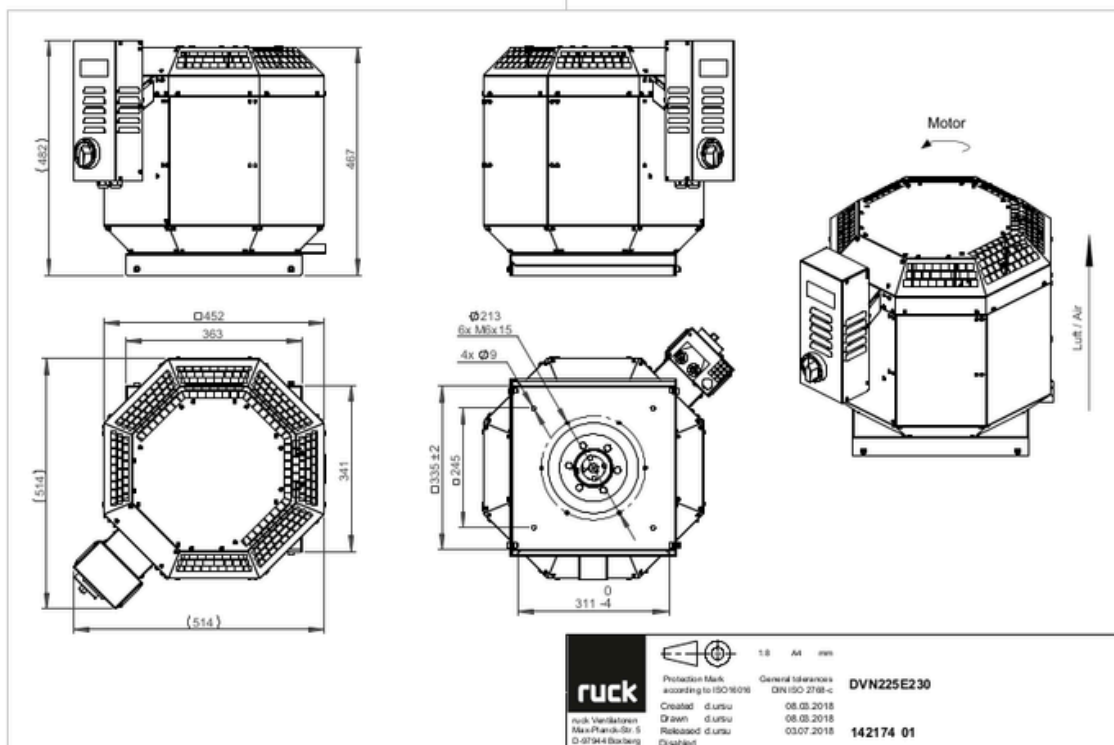


to the product detail page

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

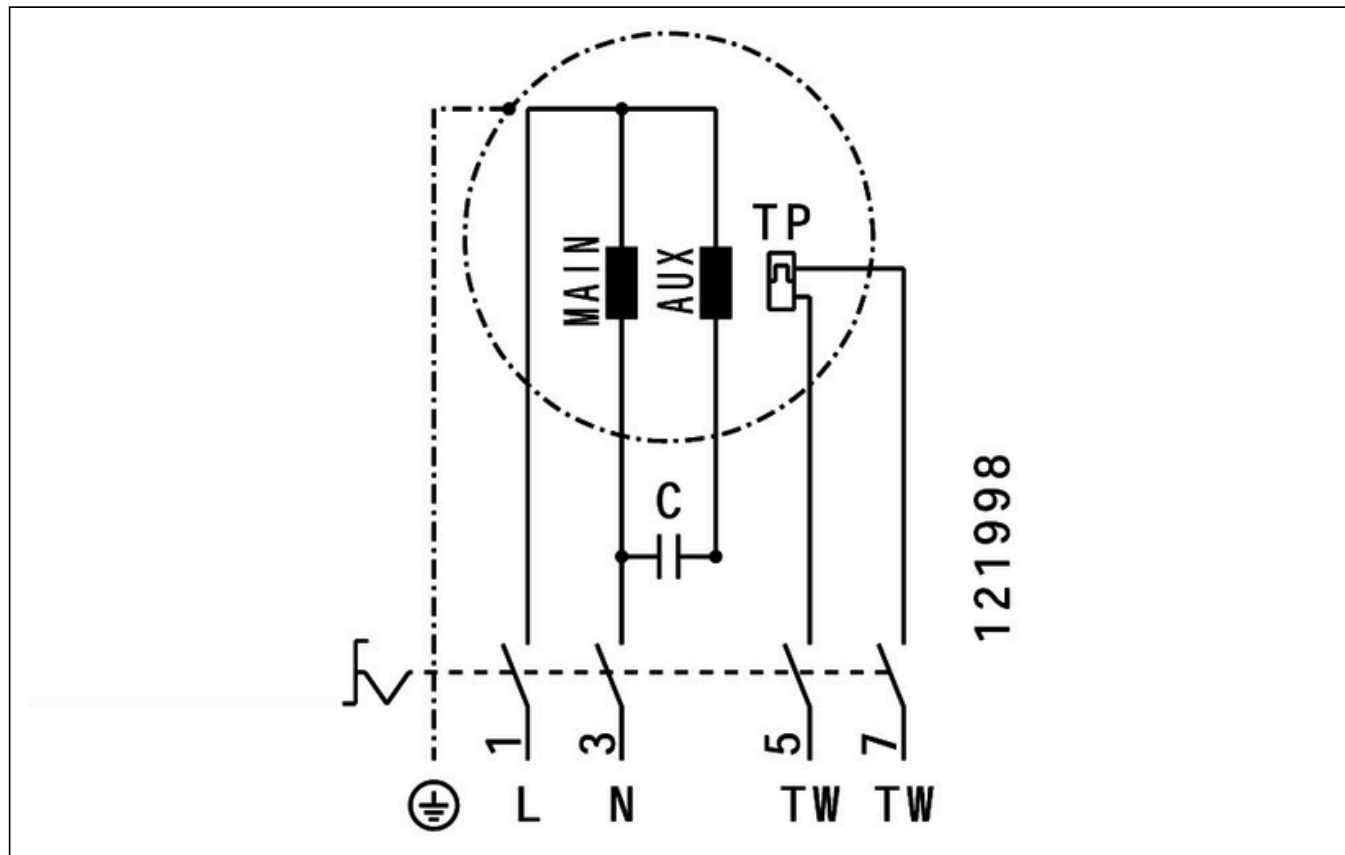
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



DVN 225 E2 30

142174

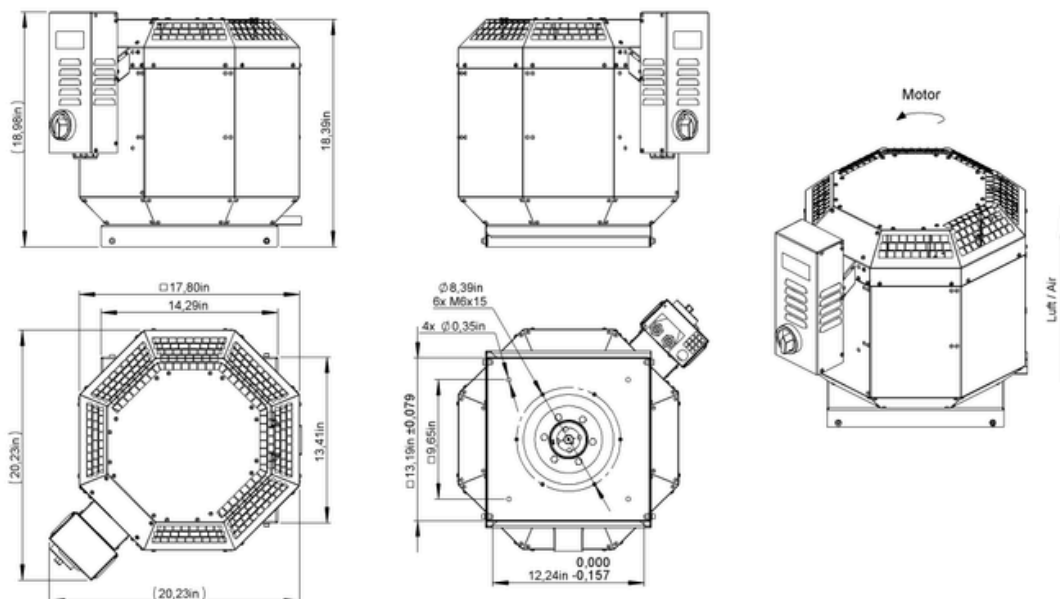
ruck



DVN 225 E2 30

142174

ruck



142174 01

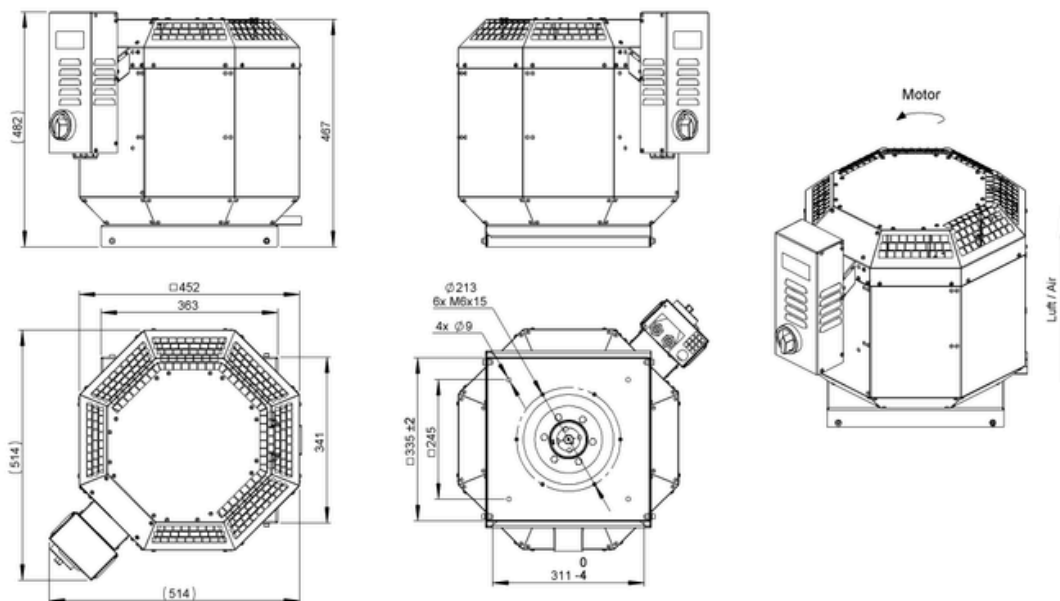


to the product detail page

DVN 225 E2 30

142174

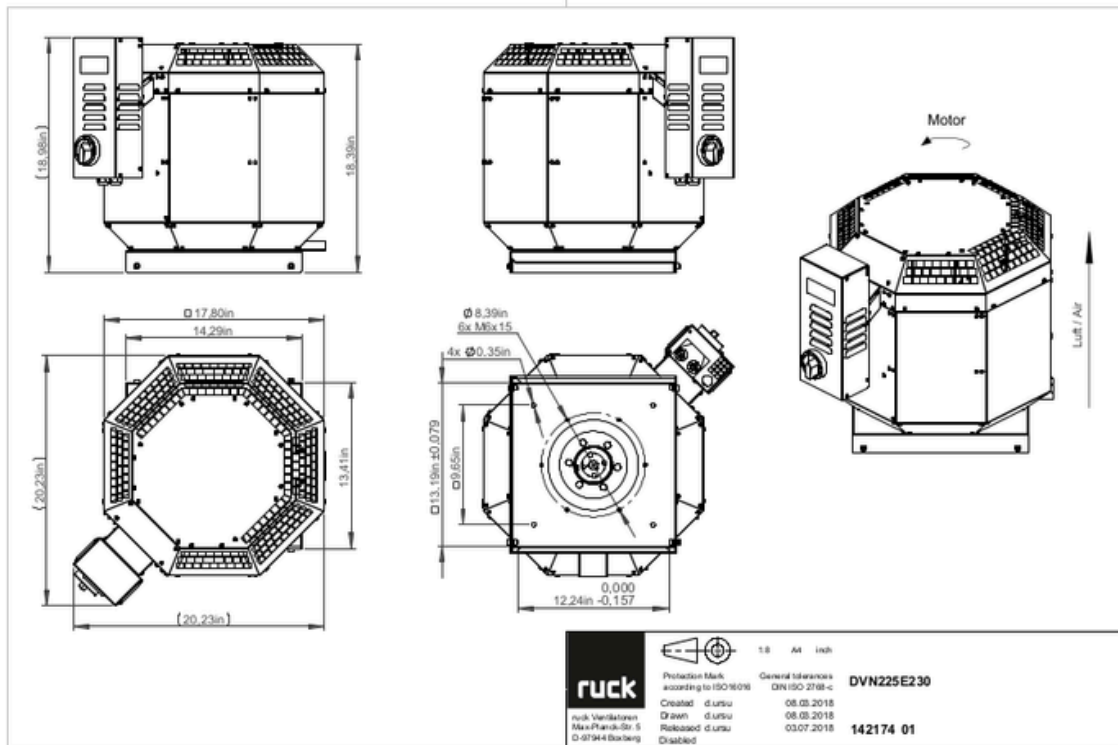
ruck



142174 01



to the product detail page



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



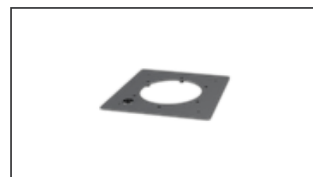
- Flat roof socket
- Made of aluminum AlMg3
- Sound and heat insulation

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



to the product detail page