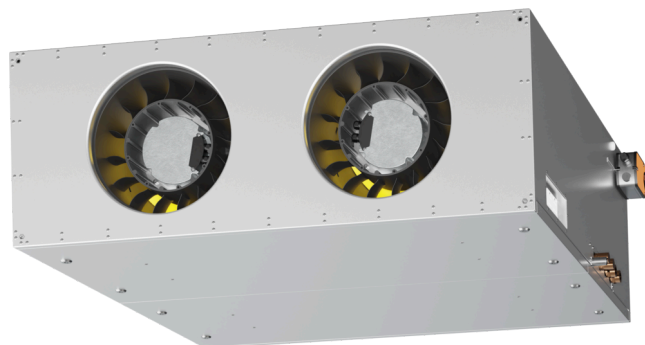


SL 12040 E3J 22 10

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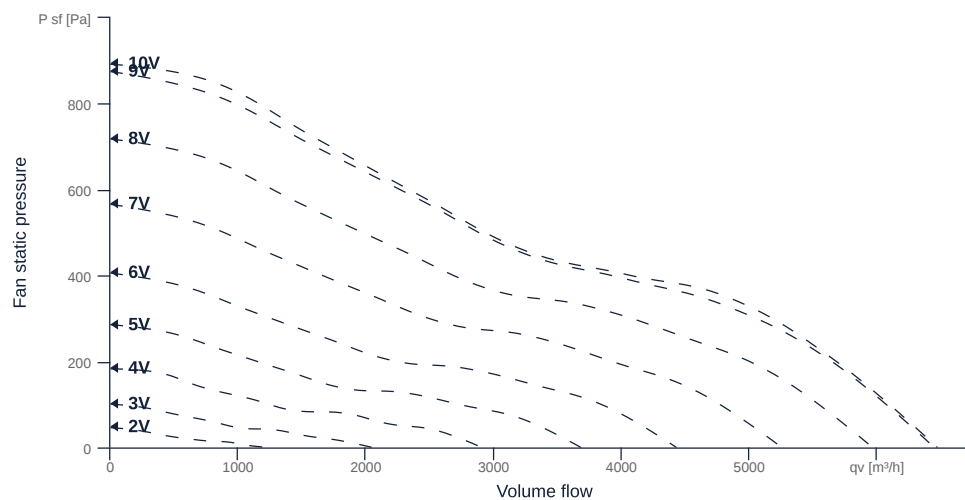
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- Flat supply air unit for ceiling mounting
- Frameless, double wall housing made of galvanized steel sheet, insulated
- EC diagonal fans, integrated controls
- Warm water heating, DX cooling
- Panel Filter M5
- Actuator multileaf damper with spring return



FAN CURVES

Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



SL 12040 E3J 22 10

135953

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GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Rated voltage (entire device)	230	V	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	10 A		fuse
IP-protection class (entire device)	IPX4		IP _{compl}
Weight	156	kg	m
Nominal air flow rate, nominal point m³/h	4399.2	m³/h	Q _{v,nom}
Nominal external pressure, static	370	Pa	p _{s,nom}
Connection side supply air	-		L/R
Type of the ventilation-unit	UVU - with air treatment		AHU _{type}
Type of the heater	Hot water		H _{type}
Type of cooler	Evaporator		C _{type}
Outdoor installation	No		outdoor
Speed control	variable speed control		VSD _{type}

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Energy performance supply air filter	E		
Nominal air flow rate, nominal point m³/s	1.22	m³/s	Q _{v,nom}
Actual electrical input power, nominal point	1.35	kW	P _{e,nom}
Internal specific fan power, nominal point	227	Ws/m³	SFP _{int}
Face velocity, nominal point	6.2	m/s	v _{nom}
Nominal external pressure, static	370	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	59.3	%	η _{es,SUP}
Highest external air leakage rate	2	%	
Enclosure sound level, nominal point	69	dB(A)	LWA2
Rating	Product is compliant 2018		



to the product detail page

SL 12040 E3J 22 10

135953



MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	1483	W	P _{ed, max}
Max. operating current (device)	6.8	A	I _{ed, max}
Max. speed	3005	1/min	n _{max}
Max. stat. efficiency	32.6	%	η _{es}
Max. fan efficiency	33.8	%	η _e
Max. flowrate	6470	m³/h	Q _{v, max}
Max. stat pressure	890	Pa	p _{sf, max}
Max. medium temperature	40	°C	T _{m, max}
Max. environment temperature	40	°C	T _{amb, max}
Min. environment temperature	-25	°C	T _{amb, min}

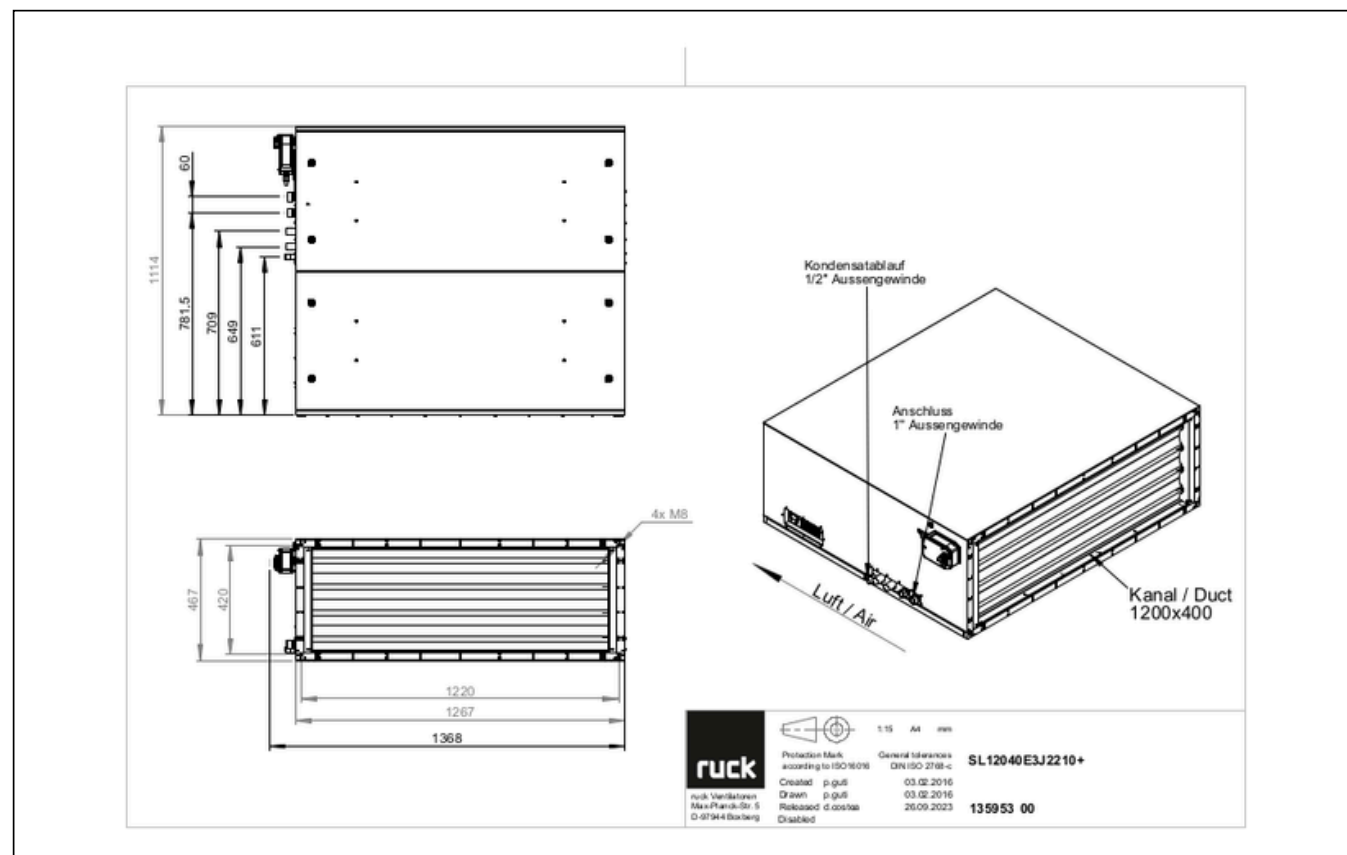
MOTOR DATA

Name	Value	Unit	Formula symbol
Rated frequency (device)	50		f
Is pole-changeable	No		polexch



to the product detail page

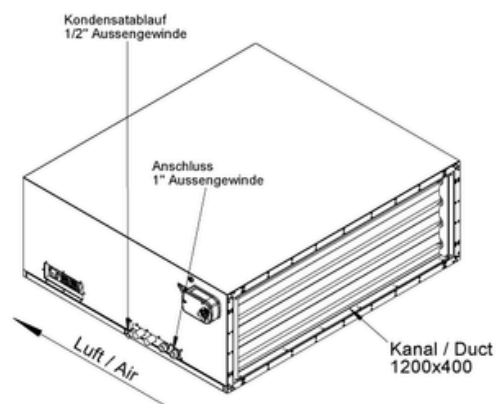
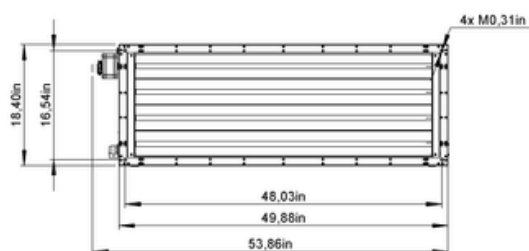
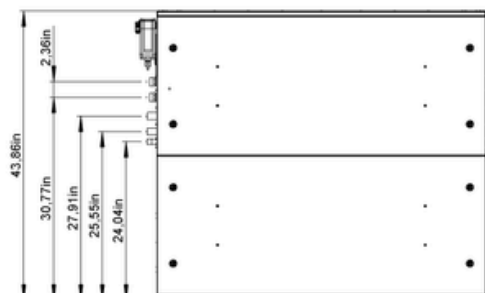
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



SL 12040 E3J 22 10

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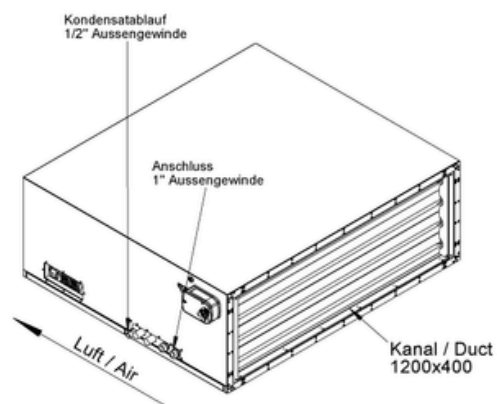
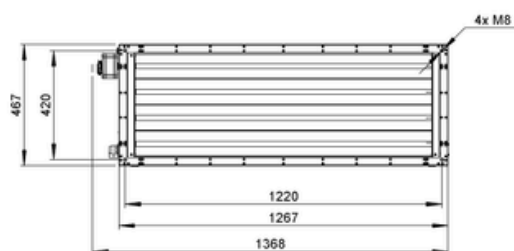
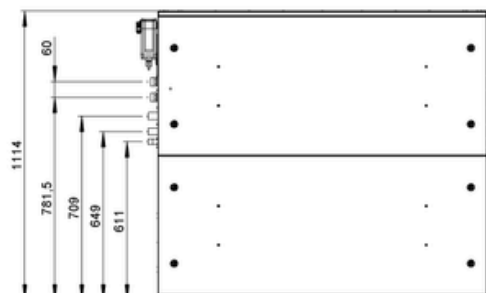


to the product detail page

SL 12040 E3J 22 10

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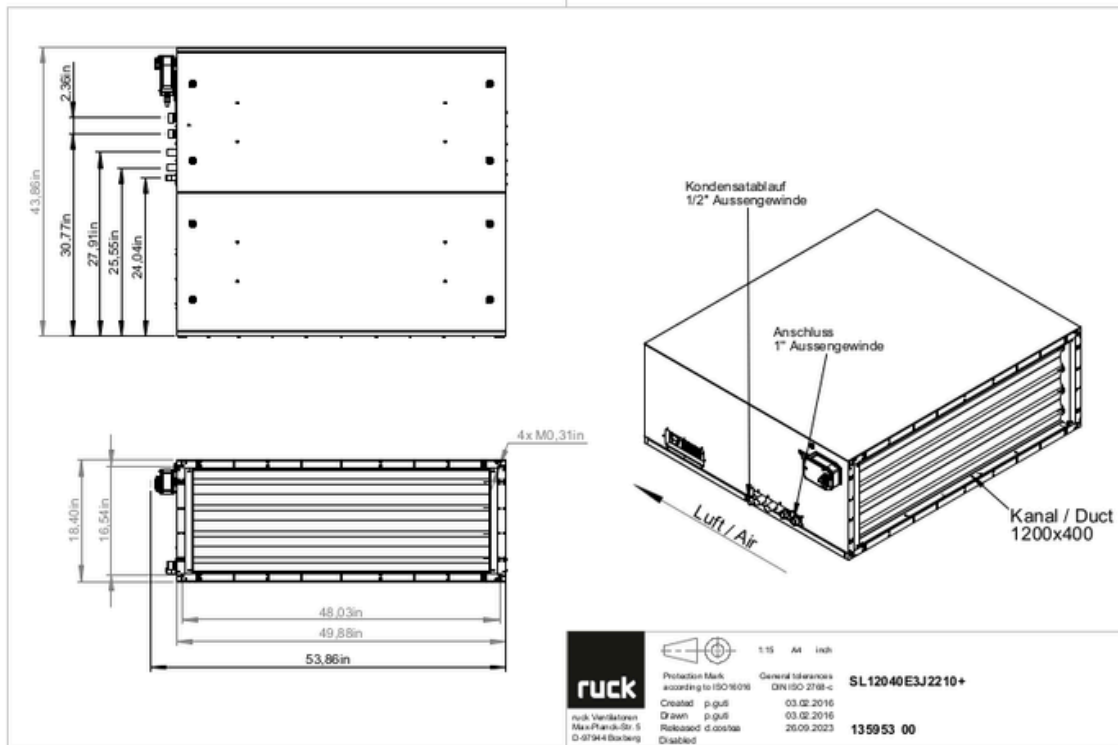
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to the product detail page



MECHANICAL ACCESSORIES

SYS 02 | 125204



- Ball siphon
- Type suction side

VS 12040 | 127080



- Duct connector, flexible
- Standard profile flange P20
- Galvanized steel sheet, plastic band (PVC)
- Temperature resistant up to 70 °C

DVRI 12040 01 | 151921



- Direct evaporator, galvanized steel sheet, insulated
- Integrated condensate tray, drip separator
- With NTC temperature sensor
- Air direction and connection side interchangeable (Data sheet)

KWRI 12040 01 | 152059



- Cold water cooling coil, galvanized steel sheet, insulated
- Integrated condensate tray, drip separator
- With NTC temperature sensor
- Air direction and connection side interchangeable (Data sheet)

LFP 23 ISO ePM10 50% | 168760



- Air filter panel
- ISO ePM10 65%
- 1192x387x96 mm

LFP 23 ISO ePM1 55% | 168767



- Air filter panel
- ISO ePM1 55%
- 1192x387x96 mm



to the product detail page

ELECTRICAL ACCESSORIES

STK 03 | 112936



- 3-way ball-valve with actuator 230 V
- With actuator: Control 3-punct or ON/OFF
- Connections internal thread 1"
- Temperature range 0 °C...+50 °C

SEN P1000 | 126080



- Differential pressure sensor
- P-control, PV-control
- P = 2 pcs. required, PV = 1 pcs. required

TEM 075V | 136272



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

TEM 035V | 136273



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

SEN RH | 148636



- Humidity sensor
- Humidity 0..100 % rH
- Output 2 x 0-10V
- 15..24Vdc, max 0,3 W

SEN RAUCH 02 | 148637



- Duct smoke sensor
- Contamination display in % and message at 70 %
- 1 Switching contact, 8 A, 250 V AC 1 nc, 8 A, 250 V AC
- Supply flow 1 - 20 m/s

SEN RAUCH 01 | 148638



- Duct smoke sensor
- Contamination display in % and message at 70 %

SEN TEMP | 148639



- Duct temperature sensor
- Measuring range -50..+150 °C
- NTC 5k
- Incl. mounting clip, mounting screws

SEN CO2 03 | 168178



- CO2 sensor for demand based volume flow control
- Supply voltage 24 V
- Output 0-10 V DC
- Protection class IP 20



to the product detail page