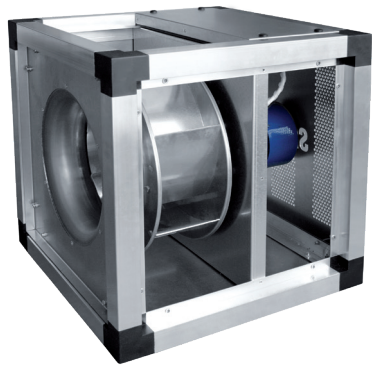
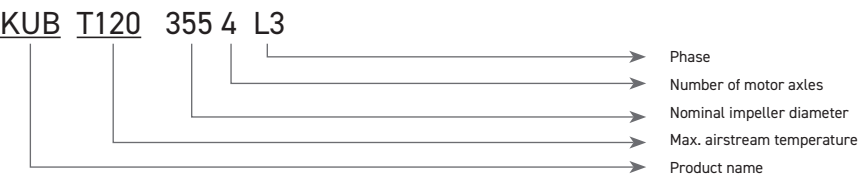
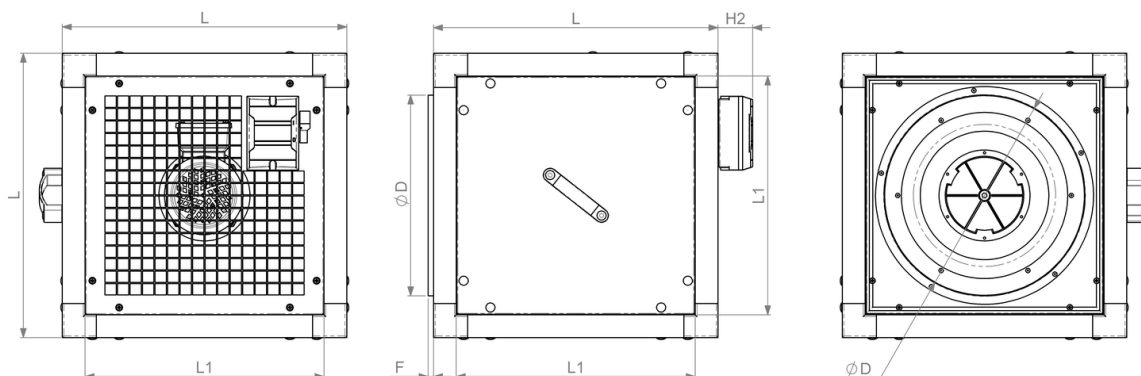


KUB T120 |



Features	> 6 sizes; > Airflow up to 15100 m³/h; > Backward-curved galvanized steel impeller; > Motor protection with built-in thermal contact; > Max air stream temperature - 120°C; > Easily serviceable; > Cost-effective.
Power supply	400V/50Hz/3f.
Temperature range	From -40°C up to 120°C.
Sizes	355-4L3, 400-4L3, 450-4-L3, 500-4L3, 560-4L3, 630-4L3.
Construction	> Casing: aluminium frame, galvanized steel panels; > Acoustic and thermal wall insulation – 20mm; > Easily removable grease tray; > Galvanized steel roofing; > On/Off safety switch (optional); > Fan: centrifugal impeller and external rotor motor; > Motor protection with built-in thermal contact; > Motor protection class: IP55.
Installation	> Can be installed outdoors. > Mounting position: flexible.
Speed control options	> Voltage controlled speed controller; > Frequency inverters.





*Estimated dimension

Type	Dimensions [mm]				
	L	ØD	L1	F	H2
KUB T120 355	500	355	420	9	61
KUB T120 400	670	400	590	9	61
KUB T120 450	670	450	590	9	61
KUB T120 500	670	500	640	9	61
KUB T120 560	800	560	720	9	61
KUB T120 630	866	630	786	9	61

Type	Accessories						
	TGRT	ACS	BWS316 Y	PR	ROOF KUB	LJ-PG	SSP
KUB T120 355	2	ACS380-042S-01A8-4 Pn: 0,55kW, In: 1,8A IP20	+	420x420-355	L-50	42-42	460x460x900-3x100
KUB T120 400	2	ACS380-042S-02A6-4 Pn: 0,75kW, In: 2,6A IP20	+	590x590-400	L-67	59-59	630x630x900-4x100
KUB T120 450	-	ACS380-042S-03A3-4 Pn: 1,1kW, In: 3,3A IP20	+	590x590-450	L-67	59-59	630x630x900-4x100
KUB T120 500	-	ACS380-042S-04A0-4 Pn: 1,5kW, In: 4,0A IP20	+	590x590-500	L720	59-59	630x630x900-4x100
KUB T120 560	-	ACS380-042S-07A2-4 Pn: 3kW, In: 7,2A IP20	+	695x695-560	L-80	72-72	460x460x900-3x100 760x760x900-4x100
KUB T120 630	-	ACS380-042S-12A6-4 Pn: 5,5kW, In: 12,6A IP20	+	790x790-630	L-86.5	92-92	960x960x900-5x100

Accessories

Three phase
speed controller



TGRT

Frequency inverter



ACS

Main switch



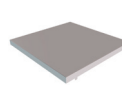
Main switch

Flange - adapter



PR

Roof



TOP

Flexible connection



LJ/PG

Duct attenuator



SSP

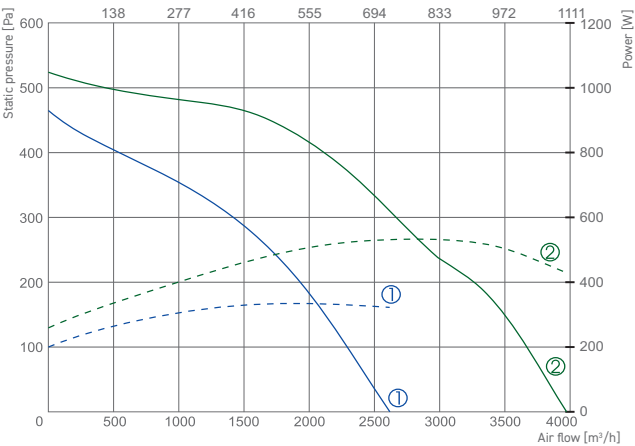
KUB T120 |

———— Performance
----- Power consumption

1. 355-4L3 | 2. 400-4L3

		355-4L3	400-4L3
Voltage/Frequency	[V/Hz]	~3,400/50	~3,400/50
Power consumption	[kW]	0,37	0,55
Current	[A]	0,44	1,4
Speed	[min ⁻¹]	1340	1390
Max. airflow	[m ³ /h]	2619	3976
Min/Max ambient air temperature	[°C]	-40/+40	-40/+40
Weight	[kg]	36	57
Wiring diagram		No. 1/2	No. 1/2
Protection class:	motor	IP-55	IP-55
Comply with ERP 2018		*	*

The provided technical data is by using #1 el. connection scheme. Using #3 el. connection scheme, technical data will be different.
*Fans for transportation of gases hotter than 100 °C are not subject to ErP regulations.



KUB T120 355-4L3	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	68	56	62	64	60	59	56	47
Outlet	71	59	62	67	65	61	56	49
Surrounding	55	43	48	52	47	43	40	36
Measured at 2241 m ³ /h, 120 Pa								

KUB T120 400-4L3	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	72	61	65	67	66	63	57	52
Outlet	76	63	66	74	68	65	60	54
Surrounding	59	47	54	55	52	49	43	37
Measured at 3583 m ³ /h, 120 Pa								

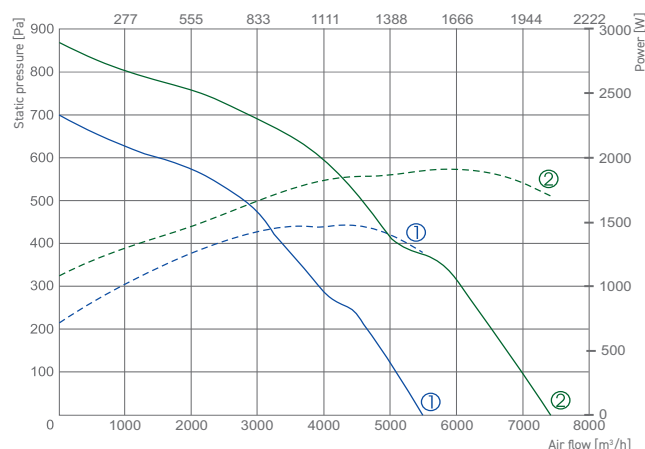
The fan characteristic curves were determined in accordance with EN ISO 5801. The sound levels were determined in accordance with DIN 45635 resp. ISO 3744 at a distance of 1 m from the fan.

—— Performance
 - - - - - Power consumption

1. 450-4L3 | 2. 500-4L3

		450-4L3	500-4L3
Voltage/Frequency	[V/Hz]	~3,400/50	~3,400/50
Power consumption	[kW]	1,1	1,5
Current	[A]	2,53	3,3
Speed	[min ⁻¹]	1430	1430
Max. airflow	[m ³ /h]	5645	7404
Min/Max ambient air temperature	[°C]	-40/+40	-40/+40
Weight	[kg]	61	66
Wiring diagram		No. 1	No. 1/2
Protection class:	motor	IP-55	IP-55
Comply with ERP 2018		*	*

The provided technical data is by using #1 el. connection scheme. Using #3 el. connection scheme, technical data will be different.
 *Fans for transportation of gases hotter than 100 °C are not subject to ErP regulations.



KUB T120 450-4L3	LWA total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	76	65	70	72	69	67	61	55
Outlet	78	66	71	73	70	69	66	58
Surrounding	62	51	57	58	54	51	47	41

Measured at 5277 m³/h, 99 Pa

KUB T120 500-4L3	LWA total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	79	70	72	75	73	69	64	60
Outlet	81	73	73	76	75	72	65	63
Surrounding	65	56	58	60	58	54	47	45

Measured at 6881 m³/h, 122 Pa

The fan characteristic curves were determined in accordance with EN ISO 5801. The sound levels were determined in accordance with DIN 45635 resp. ISO 3744 at a distance of 1 m from the fan.

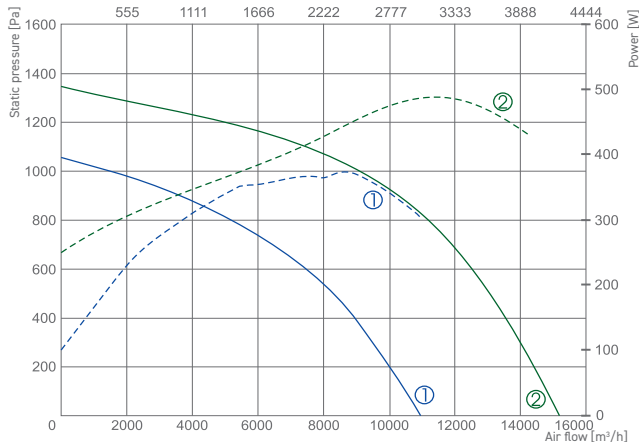
KUB T120 |

—— Performance
----- Power consumption

1. 560-4L3 | 2. 630-4L3

		560-4L3	600-4L3
Voltage/Frequency	[V/Hz]	~3,400/50	~3,400/50
Power consumption	[kW]	3	5,5
Current	[A]	6	10,7
Speed	[min ⁻¹]	1440	1450
Max. airflow	[m ³ /h]	10942	15100
Min/Max ambient air temperature	[°C]	-40/+40	-40/+40
Weight	[kg]	99	158
Wiring diagram		No. 1/2	No. 3
Protection class:	motor	IP-55	IP-55
Comply with ERP 2018		*	*

The provided technical data is by using #1/3 el. connection scheme. Using #3/1 el. connection scheme, technical data will be different.
*Fans for transportation of gases hotter than 100 °C are not subject to ErP regulations.

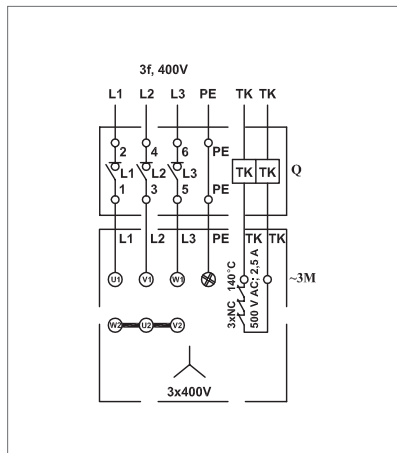


KUB T120 560-4L3	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	85	74	78	80	79	76	61	64
Outlet	87	76	80	82	81	78	74	66
Surrounding	71	60	65	66	64	60	51	49
Measured at 10307 m ³ /h, 145 Pa								

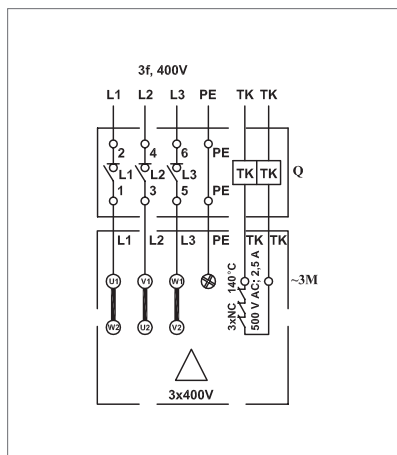
KUB T120 630-4L3	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	91	80	85	86	84	81	67	65
Outlet	94	82	87	90	87	84	78	73
Surrounding	78	68	72	73	70	65	59	55
Measured at 14159m ³ /h, 239 Pa								

The fan characteristic curves were determined in accordance with EN ISO 5801. The sound levels were determined in accordance with DIN 45635 resp. ISO 3744 at a distance of 1 m from the fan.

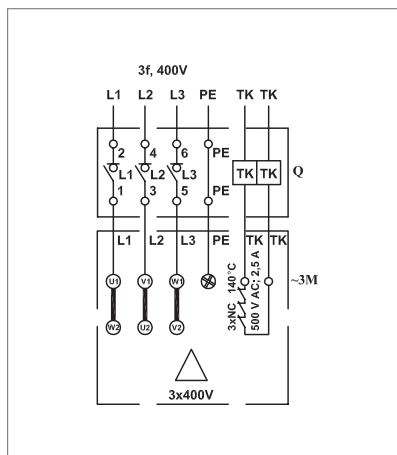
Wiring diagram No. 1*



Wiring diagram No 2*



Wiring diagram No. 3*



* Fans must be connected with frequency converters (if used) with screened cable complying EMC standards.