CoolBlastT Top Fan Cover

Lüfterdach
Fan cover

Kabeleinführung (3-tlg. Schiebeplatte Kunststoff)
Cable entry (threepart sliding plate plastic)

CoolBlast Lüftereinheit
CoolBlast fan unit

Ansicht von oben
View from the top

LÜFxxxxx

Lüfterdach
Fan cover

Linsenschrauben
Oval-head screw

CoolBlast Lüftereinheit
CoolBlast fan unit

Ansicht von unten
View from bottom
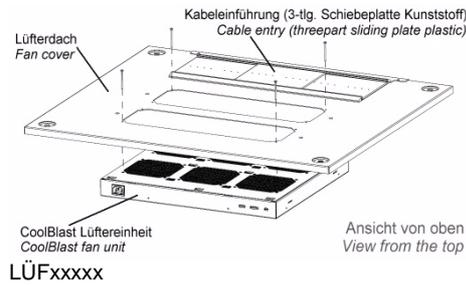
LÜFxxxxx

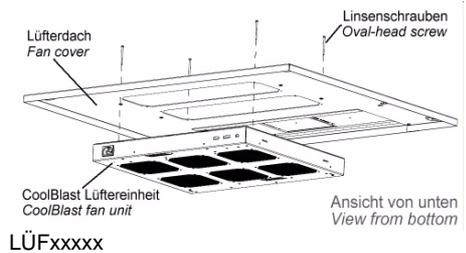mögliche Verlegung des Kabels mittels Kabelclipse

LÜFxxxxx

CoolBlastT Top Fan Cover
Strong points
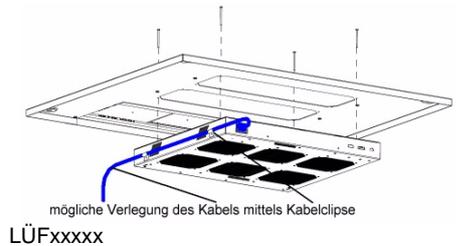
The constantly increasing of power losses of electronic modules increases the thermal load in the rack more and more.

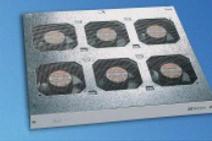The CoolBlastT is built modular, so that the adequate solution can be choosen for each thermal load.

The CoolBlastT top fan cover from Knürr is available with a 2 fan unit (size of a 3 fan unit), a 3 fan unit and a 6 fan unit.

It is a speed-controlled, a thermostat-controlled and an uncontrolled version available.

The new grid minimises the pressure losses of the streaming air and reduces the streaming noises.

This is the answer for the demand of the reduction of the noises of the systems.

An optional filter prevents during the standstill of the fans (speed-controlled and thermostat-controlled) that dust comes into the rack.

Building set

Unit	Picture	Questions	see page …	Complete picture
Top fan cover	LUFxxxxx	1. Which width? 2. Which depth?	2	LUFxxxxx
plus fan unit	LUFxxxxx	3. 2 fan unit, 3 fan unit or 6 fan unit? 4. Which supply voltage? 5. Which volume flow? 6. Which pressure? 7. With / without thermostat / control? 8. Right main cable? 9. Particle or dust protection necessary?	3 4 5	LUFxxxxx
plus optional particle and filter protection	LUFxxxxx LUF20121			LUF20122

from depth 800

LUFxxxxx

depth 600

LUFxxxxx

LUFxxxxx

LUFxxxxx

Top fan cover for CoolBlastT
CoolBlastT

- for use in combination with the CoolBlastT fan unit
- compatible for installation into the miracel
- with cable entry (sliding covers)
- top cover divided in two parts for installation or later upgrades
- top cover with depth 600 can be used only with a CoolBlastT with 2 fans or 3 fans

■ **Material**
  sheet steel

■ **Finish / Colour**
  Final digit of order number .1:
  Powder coated texture RAL 7035 light-grey
  Final digit of order number .8:
  Powder coated texture RAL 7021 dark-grey

■ **Supply schedule**
  1 Top cover
  1 Cable entry (sliding covers)

■ **How supplied**
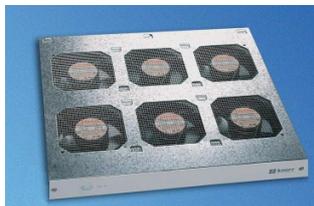 pre-assembled

W	H	D	kg	W		Design	Order no.		UP
600		600				for 2 / 3 fans	**01.149.031.X**		1 unit
700		600				for 2 / 3 fans	**01.149.041.X**		1 unit
800		600				for 2 / 3 fans	**01.149.051.X**		1 unit
600		800				for 2 / 3 / 6 fans	**01.149.033.X**		1 unit
700		800				for 2 / 3 / 6 fans	**01.149.043.X**		1 unit
800		800				for 2 / 3 / 6 fans	**01.149.053.X**	🔥	1 unit
600		900				for 2 / 3 / 6 fans	**01.149.034.X**		1 unit
700		900				for 2 / 3 / 6 fans	**01.149.044.X**		1 unit
800		900				for 2 / 3 / 6 fans	**01.149.054.X**	🔥	1 unit
600		1000				for 2 / 3 / 6 fans	**01.149.035.X**		1 unit
700		1000				for 2 / 3 / 6 fans	**01.149.045.X**		1 unit
800		1000				for 2 / 3 / 6 fans	**01.149.055.X**		1 unit

Fan unit CoolBlastT for top cover
CoolBlastT

LUFxxxxx

LUFxxxxx

LUFxxxxx

- DC version and 115 VAC vesion on request (see CoolBlast fan unit)

■ **Material**
Enclosure: sheet steel, stainless steel grid
Blind panel: sheet steel

■ **Finish / Colour**
Enclosure: zinc-passivated
Front cover (only speed-controlled): powder-coated RAL 7035 light-grey

■ **Supply schedule**
1 Fan unit CoolBlastT
1 Main cable 3 m with earthing contact plug (230 VAC)
Mounting material
Operating manual

■ **How supplied**
Assembled, wired and tested

■ **NOTE**
Please order country specific main cables!

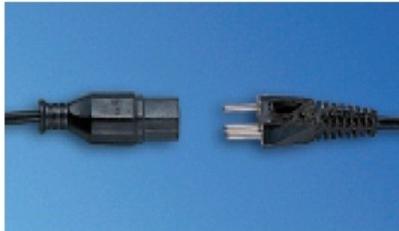| Description	Elec. connection	W	m³/h	Pa	dB(A)	Order no.		UP
CooBlastT 230V 2-fan	207…253VAC; 50/60Hz	30	330	74	43,4	**03.027.300.1**		1 unit
CooBlastT 230V 3-fan	207…253VAC; 50/60Hz	45	495	74	45,2	**03.027.301.1**		1 unit
CooBlastT 230V 6-fan	207…253VAC; 50/60Hz	90	990	74	48,8	**03.027.302.1**		1 unit
CooBlastT 230V 2-fan thermostat-controlled	207…253VAC; 50/60Hz	30	330	74	43,4	**03.027.310.1**		1 unit
CooBlastT 230V 3-fan thermostat-controlled	207…253VAC; 50/60Hz	45	495	74	45,2	**03.027.311.1**		1 unit
CooBlastT 230V 6-fan thermostat-controlled	207…253VAC; 50/60Hz	90	990	74	48,8	**03.027.312.1**		1 unit
CooBlastT 230V 3-fan speed-controlled SP	100…253VAC; 50/60Hz	25	553	68	49,6	**03.027.321.1**		1 unit
CooBlastT 230V 6-fan speed-controlled SP	100…253VAC; 50/60Hz	48	1106	68	53,3	**03.027.322.1**		1 unit
CooBlastT 230V 3-fan speed-controlled HP	100…253VAC; 50/60Hz	32	711	173	55,8	**03.027.324.1**		1 unit
CooBlastT 230V 6-fan speed-controlled HP	100…253VAC; 50/60Hz	62	1422	173	59,1	**03.027.325.1**		1 unit
CooBlastT 230V 3-fan speed-controlled UP	190…253VAC; 50/60Hz	64	825	310	61,8	**03.027.327.1**		1 unit
CooBlastT 230V 6-fan speed-controlled UP	190…253VAC; 50/60Hz	125	1650	310	65,1	**03.027.328.1**		1 unit

Mains Cable for Euro Socket Strip
For DIN 49 440 and French/Belgian standard

- Mains plug CEE/VII - Euro socket IEC 320
- Cable: H05VV-F 3G 1 mm²

■ Mains voltage
250 VAC

■ Nominal current
10 A

L	S	n	F1	F2	19"	Safe	Model	Order no.	UP
2000								04.000.054.9	1 unit
5000								04.000.050.9	1 unit

DOS00076

Mains Cable for Euro Socket Strip
For Swiss standard

- Mains plug: type12 - Euro socket IEC 320
- Cable: H05VV-F 3G 1 mm²

■ Mains voltage
250 VAC

■ Nominal current
10 A

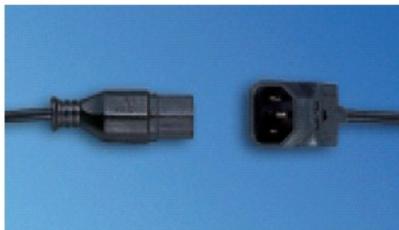| L	S	n	F1	F2	19"	Safe	Model	Order no.	UP
2000								04.000.055.9	1 unit

DOS00077

Mains Cable for Euro Socket Strip
For British standard

- Mains plug: type BS 1363 - Euro socket IEC320
- Cable: H05VV-F 3G 1 mm²

■ Mains voltage
250 VAC

■ Nominal current
10 A

L	S	n	F1	F2	19"	Safe	Model	Order no.	UP
2000								04.000.056.9	1 unit

DOS00078

Euro Connection Cable

- Mains plug: IEC 320 - Euro socket IEC 320
- Cable: H05VV-F 3G 1 mm²
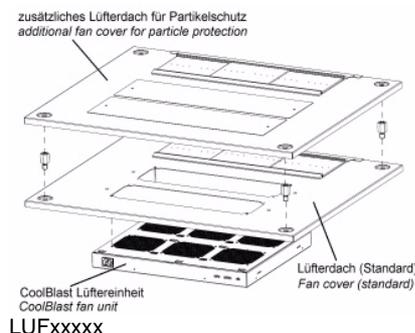
■ Mains voltage
250 VAC

■ Nominal current
10 A

L	S	n	F1	F2	19"	Safe	Model	Order no.	UP
900								04.000.051.9	1 unit

DOS00519

Solution 1: Vent lid

- picture follow -

zusätzliches Lüfterdach für Partikelschutz
additional fan cover for particle protection

CoolBlast Lüftereinheit
CoolBlast fan unit

Lüfterdach (Standard)
Fan cover (standard)

LUFxxxxx

Solution 2: Filter

LUF20121

LUF20122

Kabeleinführung (3-tlg. Schiebeplatte Kunststoff)
Cable entry (threepart sliding plate plastic)
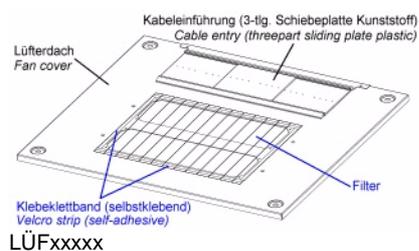
Lüfterdach
Fan cover

Filter

Klebeklettband (selbstklebend)
Velcro strip (self-adhesive)

LÜFxxxxx

- for use in combination with CoolBlastT top fan cover

Solution 1: Vent lid
- closed top cover with cable entry for protection against particles and dust
- assembly on bolts on the standard top cover

Solution 2: Filter
- simple filter cover reduces the penetration of dust during standstill of the fan unit (thermostat-controlled and speed-controlled)
- for all sizes; trim filter and self-adhesive velcro strip

■ **Material**
Solution 1: Vent lid
sheet metal

Solution 2: Filter
Viledon (filter class G2)

■ **Finish / Colour**
Solution 1: Vent lid
Final digit of order number .1:
Powder coated texture RAL 7035 light-grey
Final digit of order number .8:
Powder coated texture RAL 7021 dark-grey

■ **Supply schedule**
Solution 1: Vent lid
1 Top Cover with cable entry
Mounting material

Solution 2: Filter
1 Filter
Self-adhesive velcro strip

■ **How supplied**
Flat-packed kit

W	H	D	kg	Design	Order no.		UP
600		600		Solution 1	**01.149.031.X**		1 unit
700		600		Solution 1	**01.149.041.X**		1 unit
800		600		Solution 1	**01.149.051.X**		1 unit
600		800		Solution 1	**01.149.033.X**		1 unit
700		800		Solution 1	**01.149.043.X**		1 unit
800		800		Solution 1	**01.149.053.X**	€	1 unit
600		900		Solution 1	**01.149.034.X**		1 unit
700		900		Solution 1	**01.149.044.X**		1 unit
800		900		Solution 1	**01.149.054.X**	€	1 unit
600		1000		Solution 1	**01.149.035.X**		1 unit
700		1000		Solution 1	**01.149.045.X**		1 unit
800		1000		Solution 1	**01.149.055.X**		1 unit
				Solution 2 (for 2 / 3 / and 6 fans)	**01.149.101.9**	€	1 unit