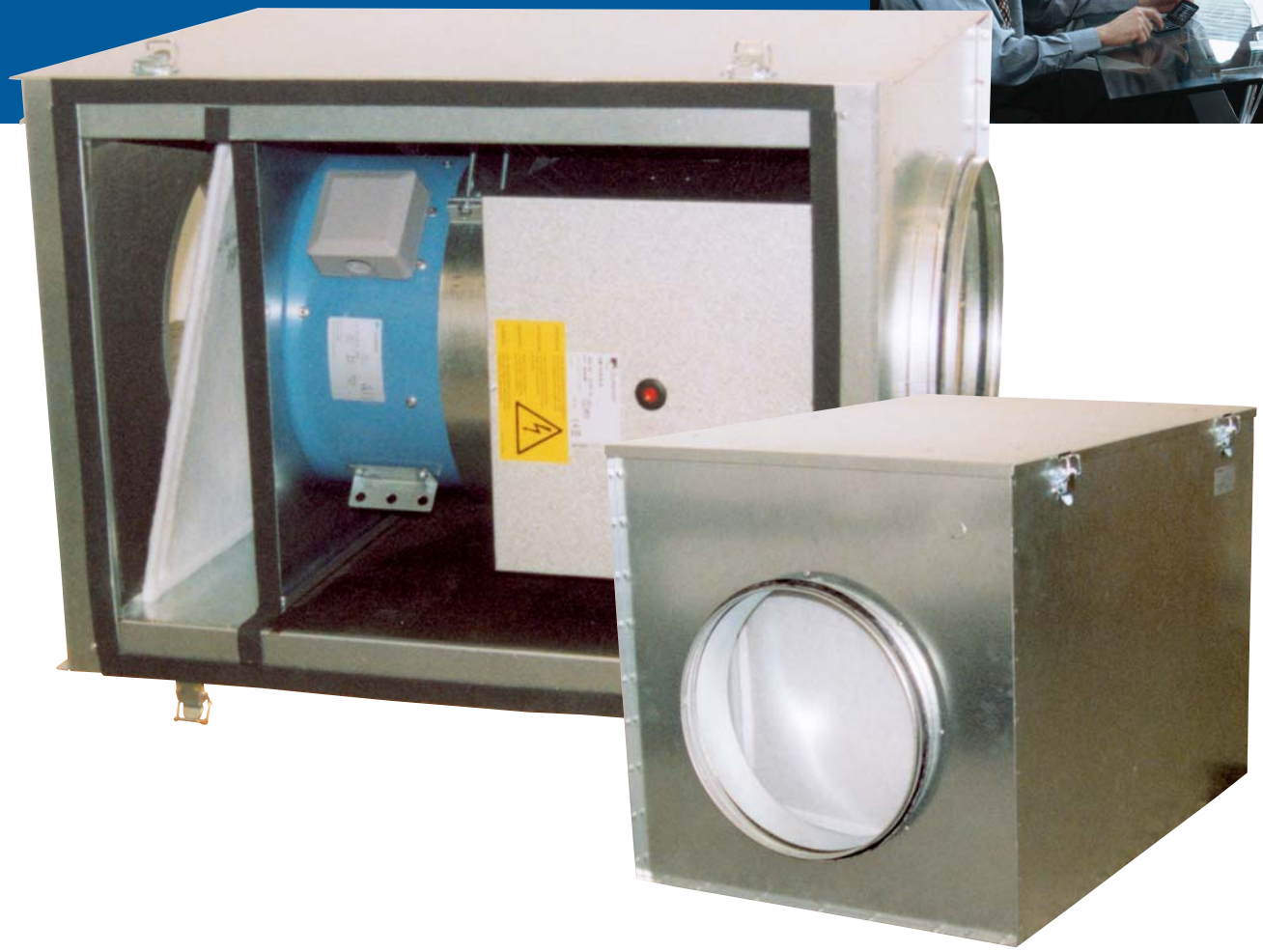
TLP Supply-air unit

Systemair

When you need a simple and inexpen



An insulated box with all you need!

TLP is an interesting solution when you need supply air heated for example dressing rooms and small offices.

Installation of a supply-air unit is often expensive due to the control and regulation equipment. With TLP it is enough to make the installation complete with a fan speed controller and heat regulation like Pulser with duct sensor. Of course it is possible to regulate fan and heater with more advanced equipment.

A complete supply-air unit in an insulated box

The supply-air unit is an insulated box made of galvanized steel sheet with fan, filter and heater mounted. The unit is easy to clean and is 50 mm fire, condense and sound insulated.

The fan type is K or KD, especially chosen for their compact design and good performance.

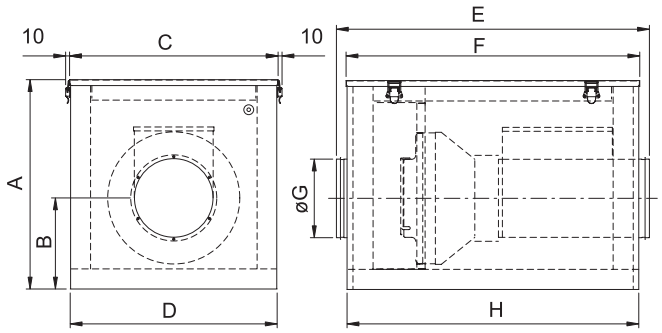
EU4/G4-filter is placed direct under the lid, which make the changing of filter easy. The lid is equipped with toggle locks. The heater is electric with a low air resistance.

Six sizes up to 1600 m^3/h

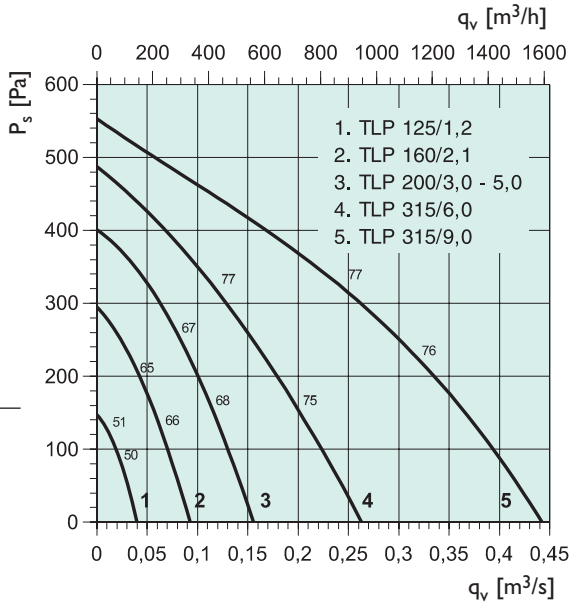
TLP is available in six sizes with duct connection 125-315 mm. The heater effect from 1.2 kW to max 9 kW and an air flow up to 1600 m^3/h (444 l/s).

The sleeve-couplings have rubber seals and the lid has neoprene sealing strips. TLP is suitable for mounting on walls or in false ceilings. The smaller sizes, TLP 125 to 200, can be placed upside down in false ceilings. This needs turning the heater in the box as to secure correct placement and function of the overheating protection.

sive solution that works!



	A	B	C	D	E	F	øG	H
TLP 125/1.2	436	211	459	465	786	745	125	740
TLP 160/2.1	436	211	459	465	786	745	160	740
TLP 200/3.0-5.0	531	231	529	525	794	745	200	740
TLP 315/6.0	531	231	529	525	798	745	315	740
TLP 315/9.0	551	231	549	545	948	895	315	890



Heater data		**125/1.2**	**160/2.1**	**200/3**	**200/5**	**315/6**	**315/9**
Voltage/frequency	V/50 Hz	230	230	400	400	400	400
Phase	~	1	1	2	2	2	3
Output	kW	1.2	2.1	3.0	5.0	6.0	9.0
Current	A	5.2	9.1	7.5	12.5	15.0	13.2
Max temp transported air	°C	40	40	40	40	40	40
Temp control		Pulser	Pulser	Pulser	Pulser	Pulser	TTC
Min air flow	m^3/h	70	110	170	170	415	415
Max air flow	m^3/h	145	335	565	565	940	1595
Fan data		**K125M**	**K160M**	**K 200M**	**K 200M**	**KD 315M**	**KD 315L**
Voltage/frequency	V/50 Hz	230	230	230	230	230	230
Phase	~	1	1	1	1	1	1
Power	W	24	76	109	109	252	372
Current	A	0.11	0.33	0.47	0.47	1.12	1.62
R.p.m.	min^{-1}	2725	2395	2575	2575	2575	2590
Transformer		RE 1.5	RE 1.5	RE 1.5	RE 1.5	RE 1.5	RE 3
Transformer high/low		REU 1.5	REU 1.5	REU 1.5	REU 1.5	REU 1.5	REU 3
Thyristor		MTY 1AU	MTY 1AU	MTY 1AU	MTY 1AU	MTY 2AU	MTY 2AU
TLP unit data		**125/1.2**	**160/2.1**	**200/3**	**200/5**	**315/6**	**315/9**
Sound pressure level at 3 m	dB(A)	26	33	38	38	48	49
Connection duct	ø mm	125	160	200	200	315	315
Weight	kg	31	33	40	40	44	54

Systemair AB • SE-739 30 Skinnskatteberg • Sweden • Tel +46 222 440 00 • Fax +46 222 440 99

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