

2/S10
v 2.4 (hr)



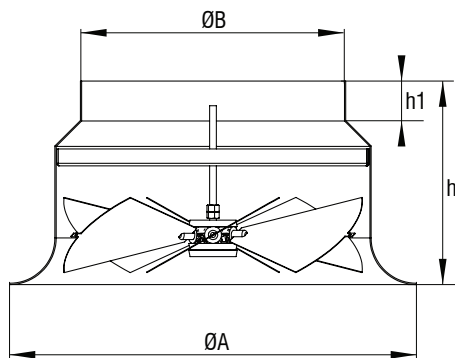
DISTRIBUTER VRTLOŽNI VARIJABILNI DWV

SADRŽAJ

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Oznake:

V [m ³ /h]	- Protok zraka	t_z [°C]	- Temperatura dobavnog zraka
x [m]	- Horizontalni domet mlaza	t_p [°C]	- Temperatura zraka u prostoriji
A, B [m]	- Razmaci između dva distributera	t_m [°C]	- Temperatura zraka u mlazu
C, X [m]	- Razmaci između distributera i zidova	Δt_z [K]	- Temperaturna razlika između temperature prostorije t_p i temperature ubačenog zraka t_z
L [m]	- Ukupni domet mlaza $L = x + h$	Δt_L [K]	- Maksimalna temperaturna razlika između temperature mlaza t_L i temperature prostorije t_p
v_L [m/s]	- Srednja brzina mlaza na udaljenosti L	Δp_t [Pa]	- Ukupni pad tlaka
h [m]	- Razmak od distributera do zone boravka	L_{WA} [dB(A)]	- Razina zvučne snage
v_n [m/s]	- Srednja brzina mlaza između dva distributera na udaljenosti h		
H [m]	- Visina ugradnje		


DVV

- Stropni distributer za visine ugradnje od 4 do 10m
- Izrađen od čeličnog lima i standardno plastificiran u RAL 9010
- Podesiva krilca
- Ugradnja vijcima

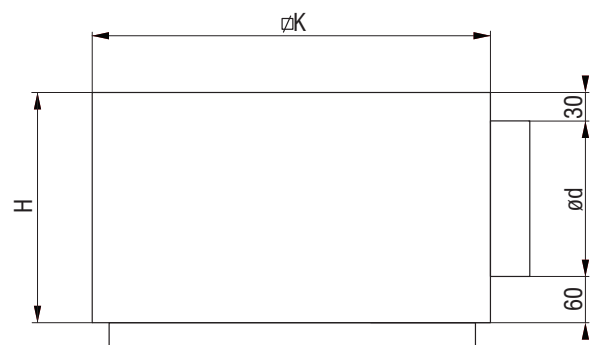
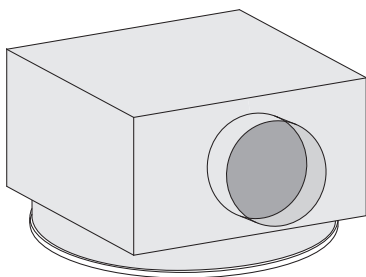
Opcije

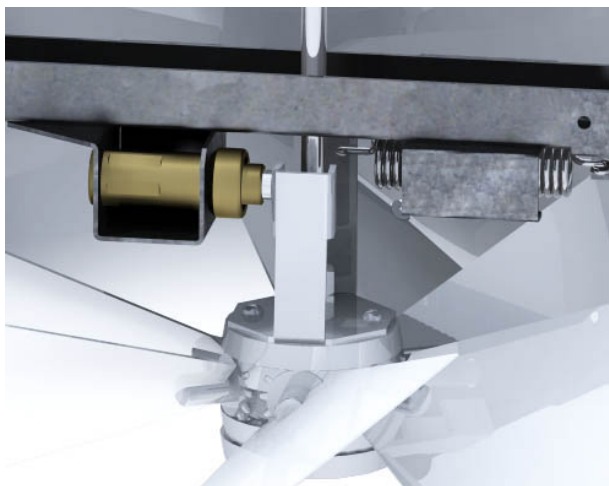
- Priključna kutija
- Motorni pogon
- Termosenzibilni pogon
- RAL...

Dimenzije

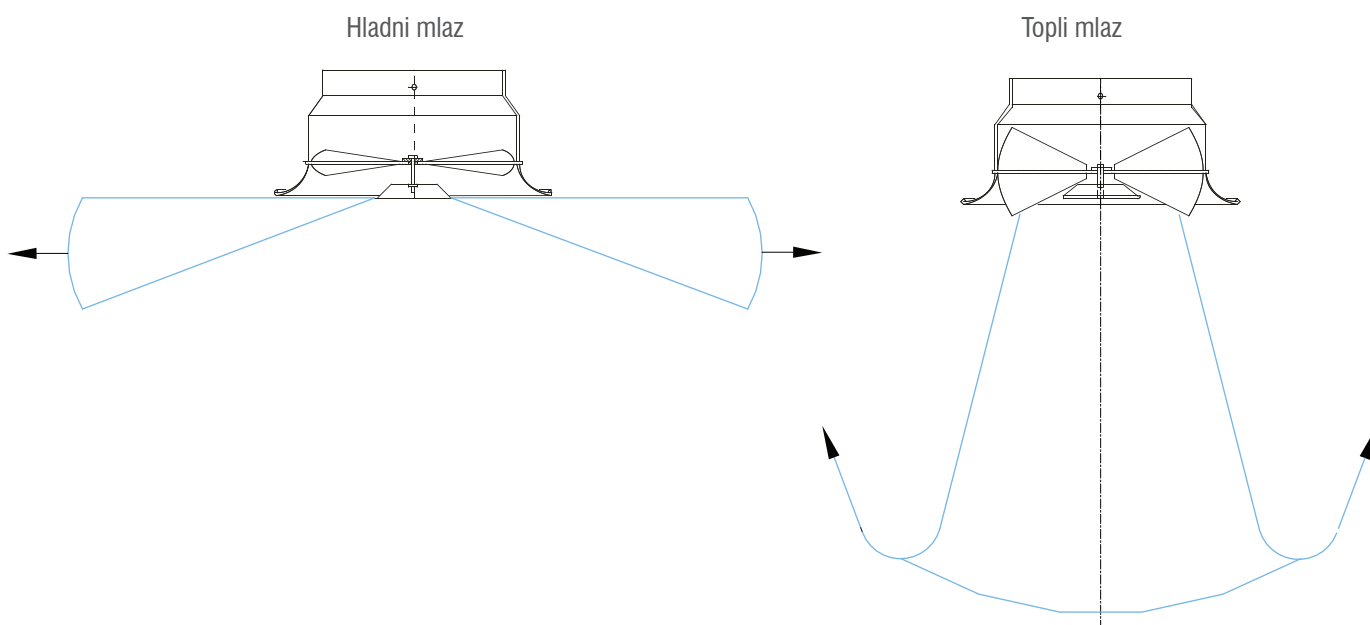
Veličina	A_{ef} [m ²]	ØB [mm]	ØA [mm]	h [mm]	h1 [mm]	∅K [mm]	H [mm]	∅d [mm]
250	0,048	248	417	230	40	384	290	198
315	0,077	313	491	250	40	484	340	248
400	0,125	398	615	265	50	590	405	313
500	0,195	498	796	320	50	590	405	313
630	0,310	628	935	370	40	650	540	448
800*	0,503	798	1142	451	40	950	590	498

*Veličina 800 na poseban zahtjev

Priključna kutija za okrugli anemostat UPK2


Termosenzibilni pogon


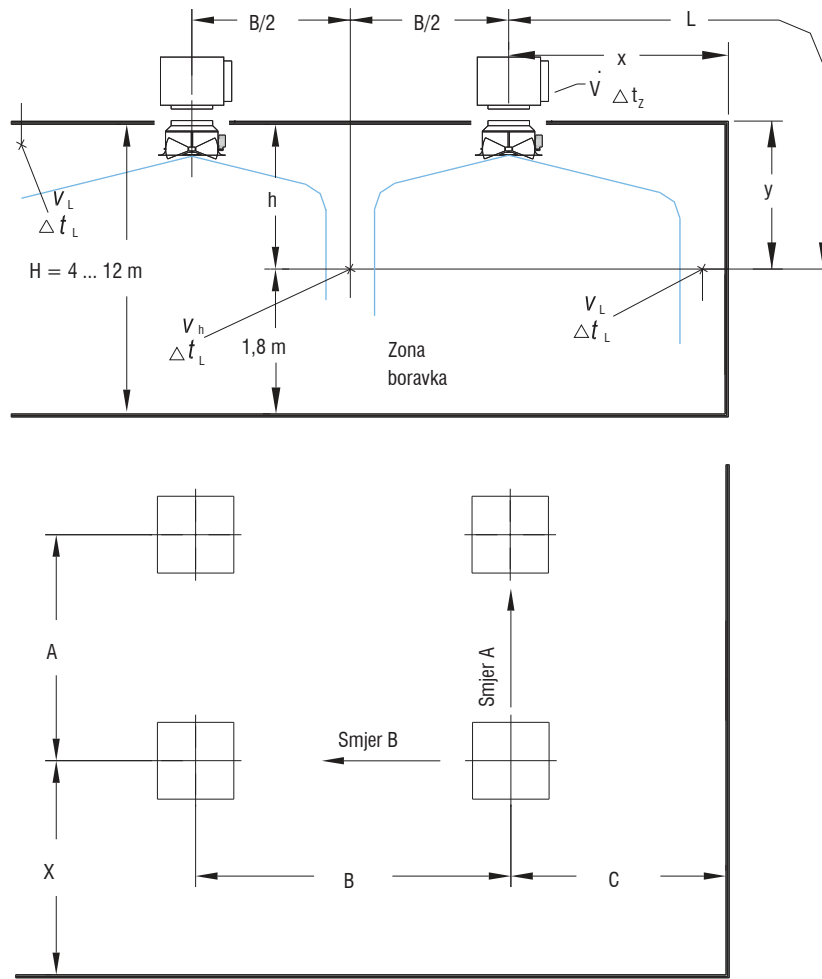
- podešavanje dometa mlaza, ovisno o temperaturi dobavnog zraka, bez pomoćne energije.


Oznaka za narudžbu:

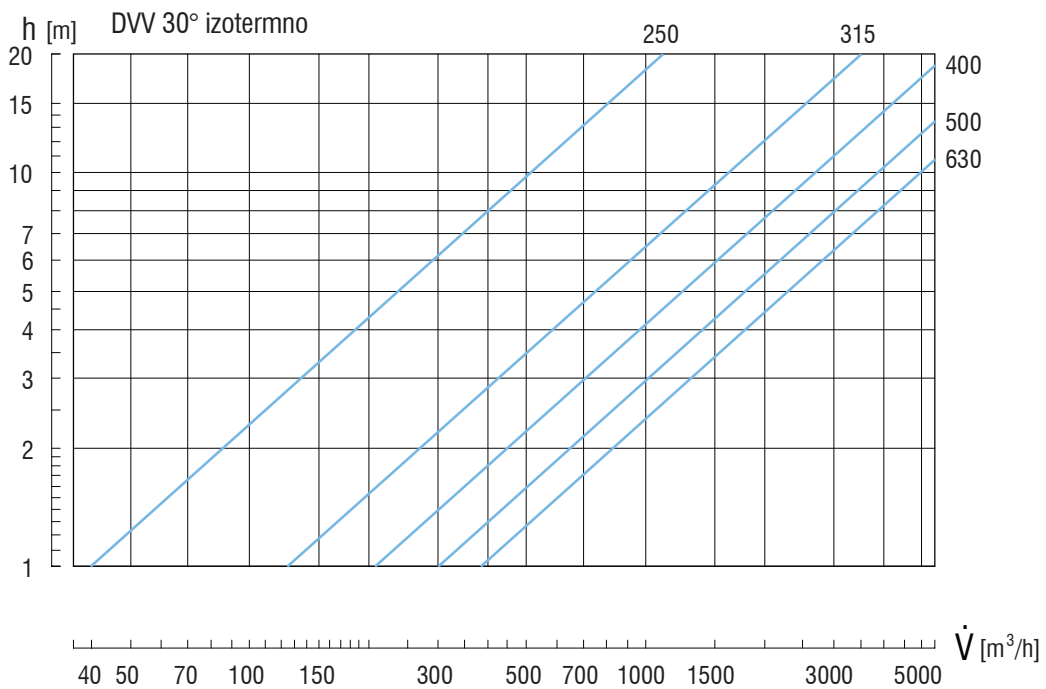
Tip	DVV - 500 - M230 - OZ - H - PL - Ød
Veličina	
R - ručni pogon	
M230 - elektromotorni 230V	
M24 - elektromotorni 24V	
T - termosenzibilni pogon	
OZ - dvopoložajna regulacija	
K - kontinuirana regulacija	
Horizontalni priključak	
Ploča 595x595 (ugradnja u spuštenu strop)	
Promjer priključka	

* Vijci se ne isporučuju

SLIKA ISTRUJAVANJA

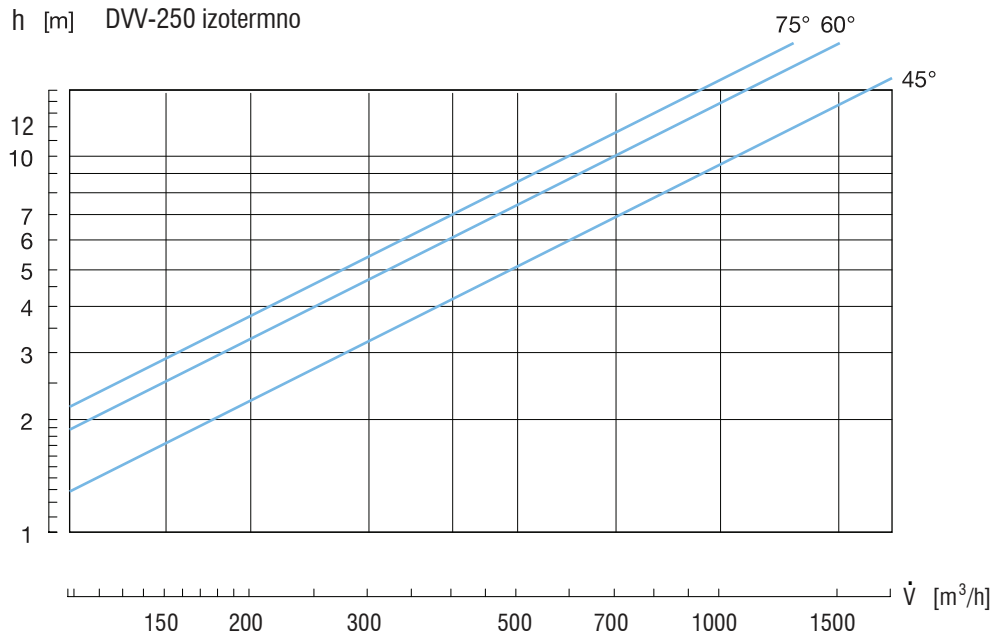


IZBORNI DIJAGRAMI

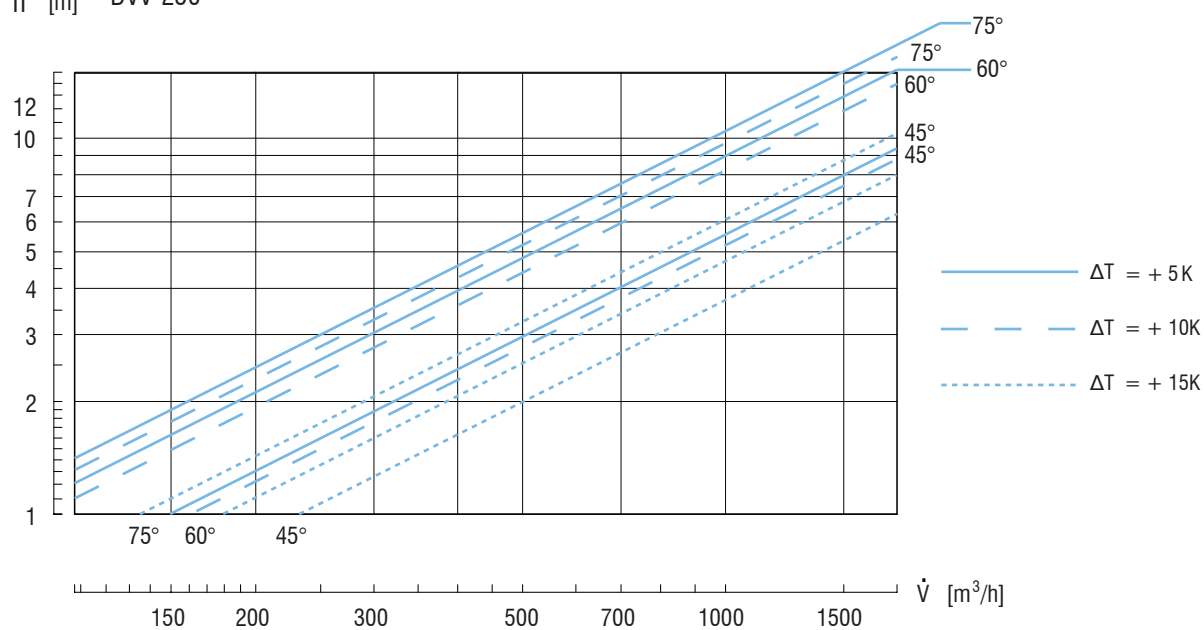


Ako je distributer ugrađen na manje od 300mm od stropa, očitane vrijednosti je potrebno pomnožiti sa 1.4

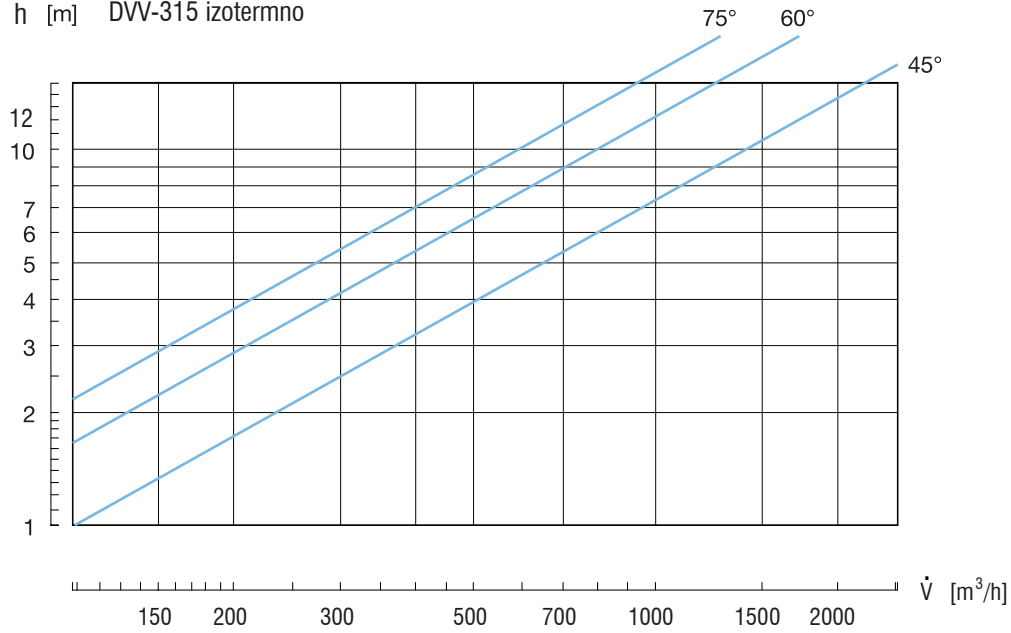
h [m] DWV-250 izotermno



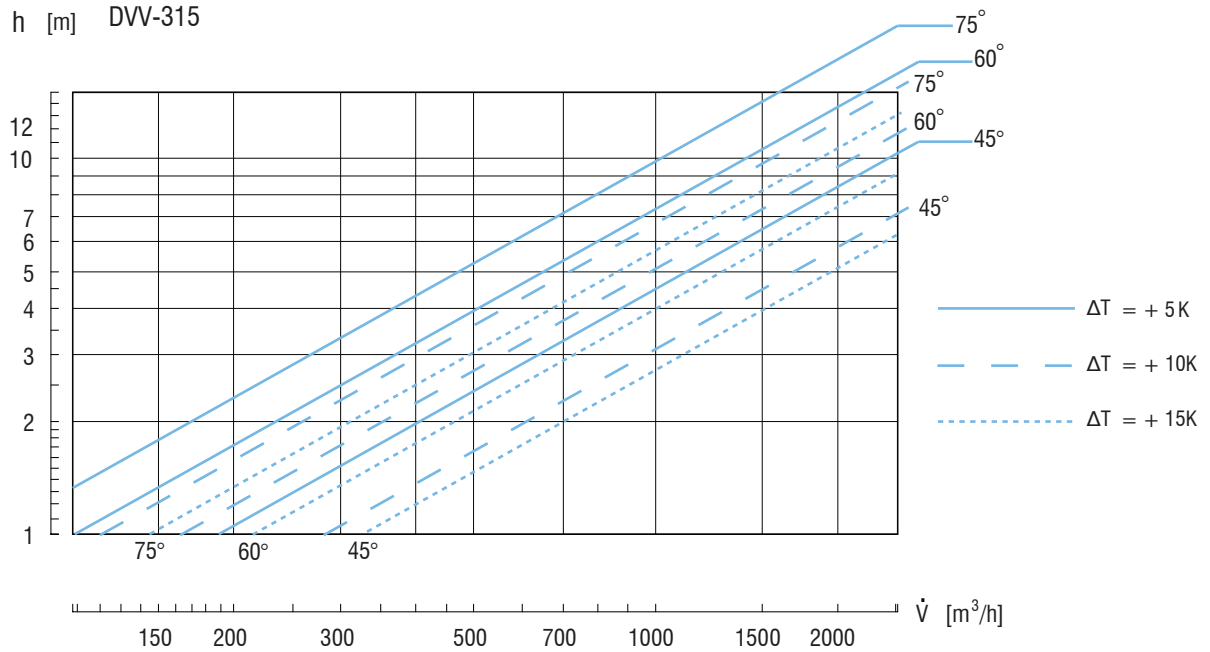
h [m] DWV-250



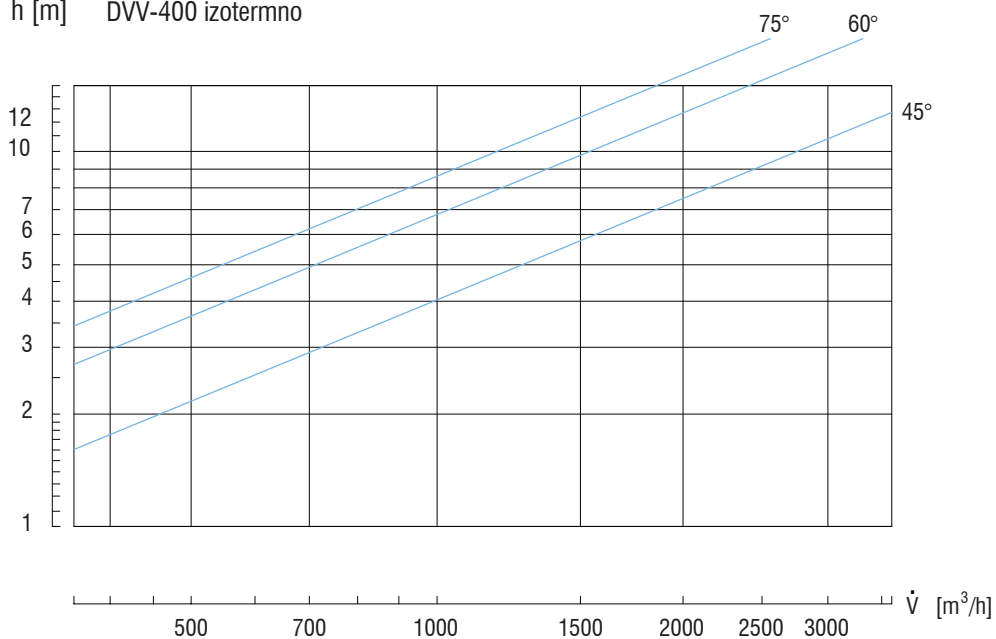
h [m] DVV-315 izotermno



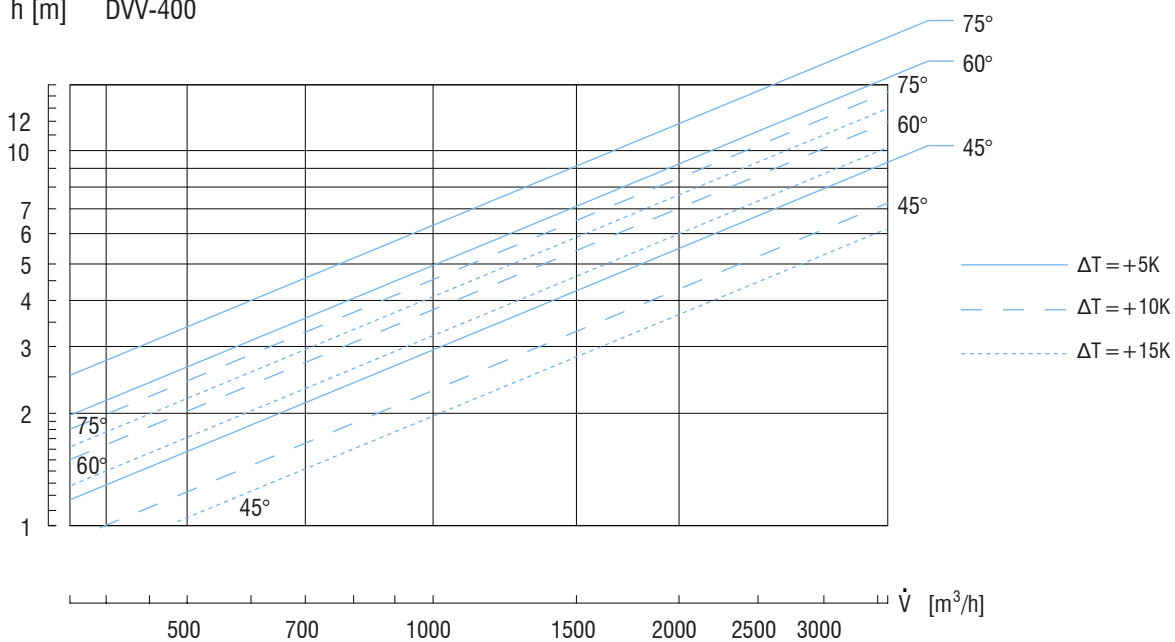
h [m] DVV-315



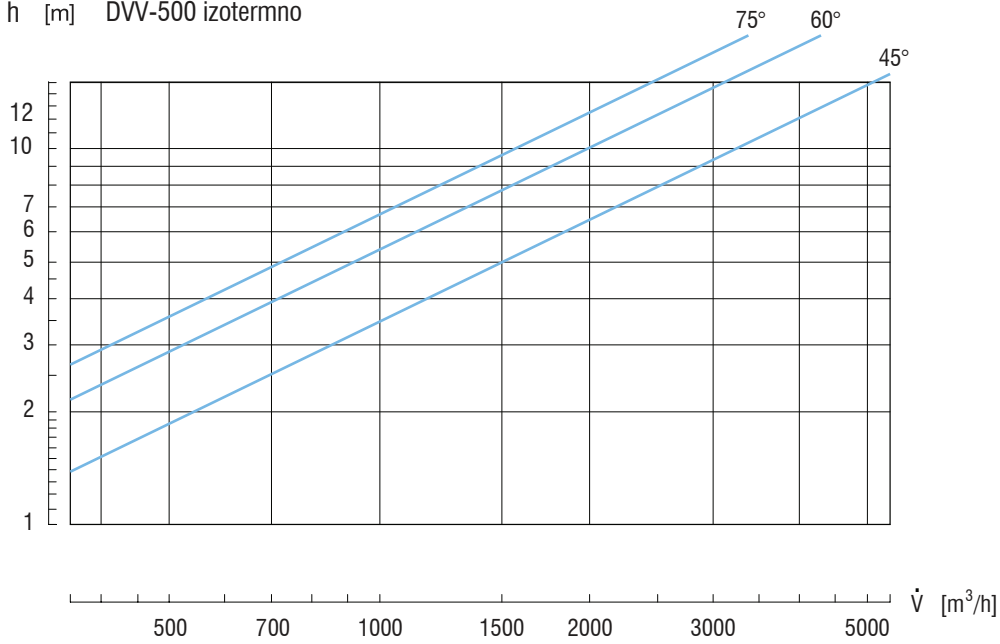
h [m] DVV-400 izotermno



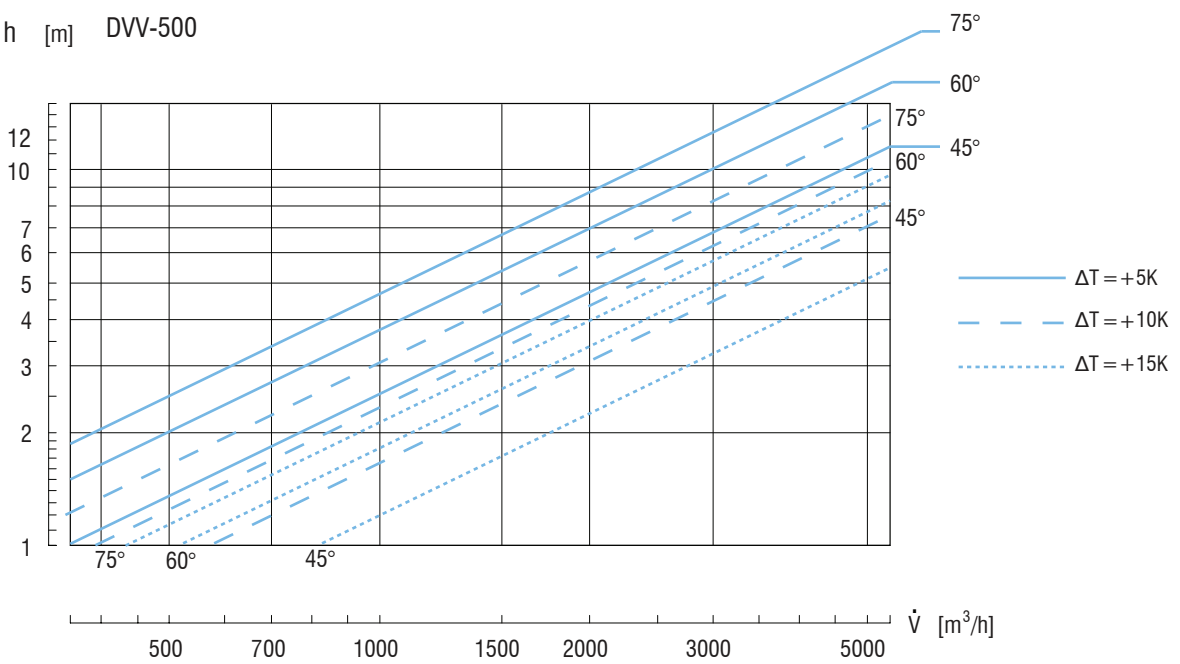
h [m] DVV-400

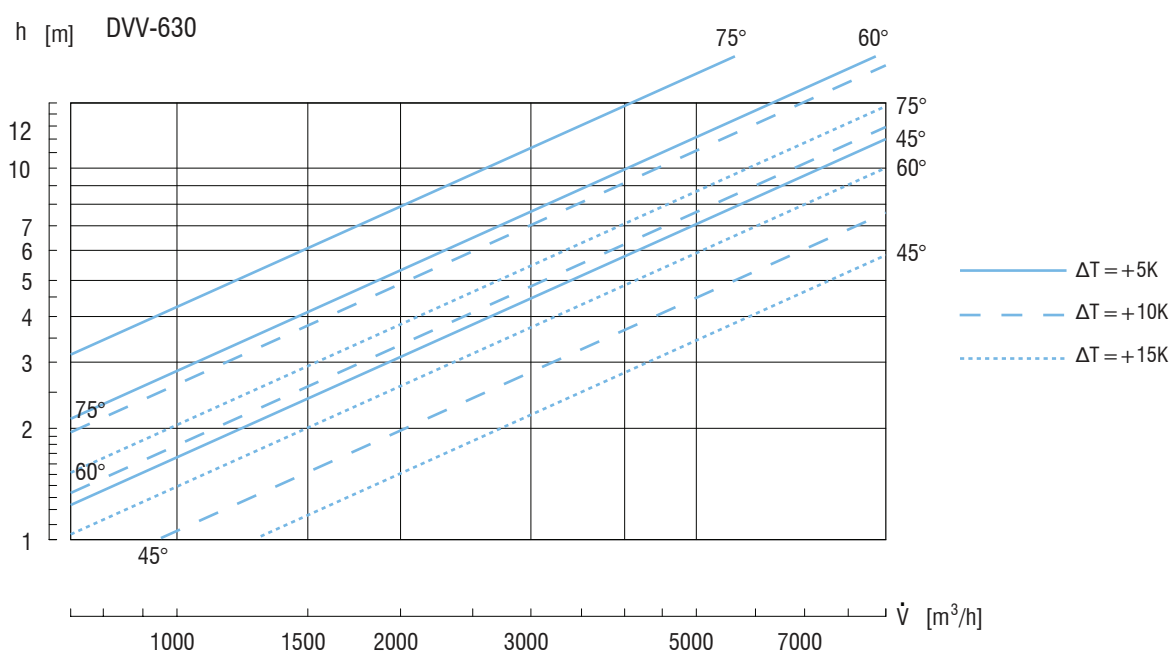
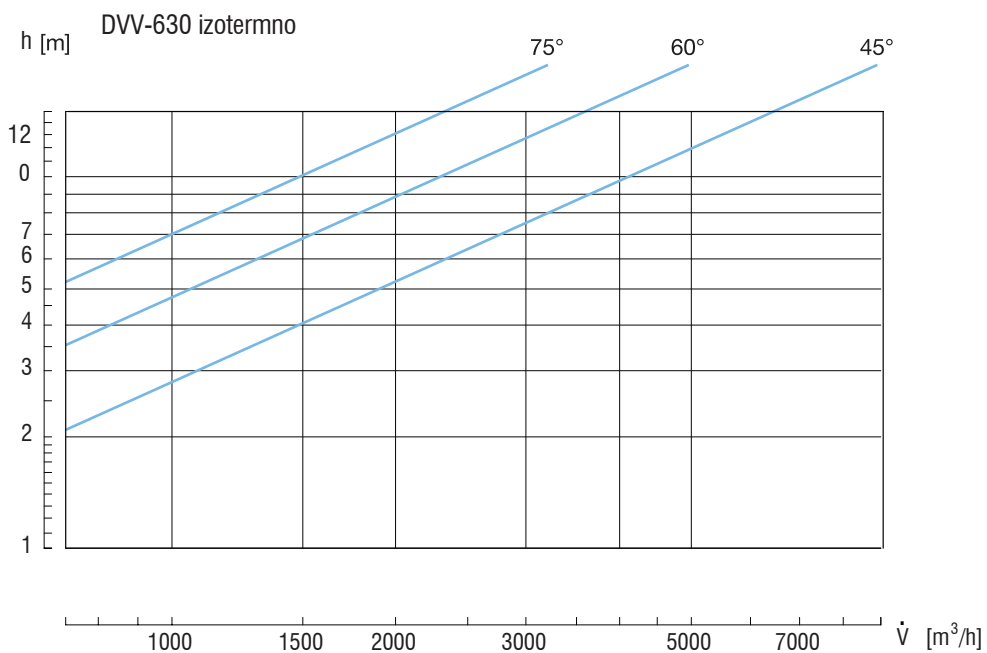


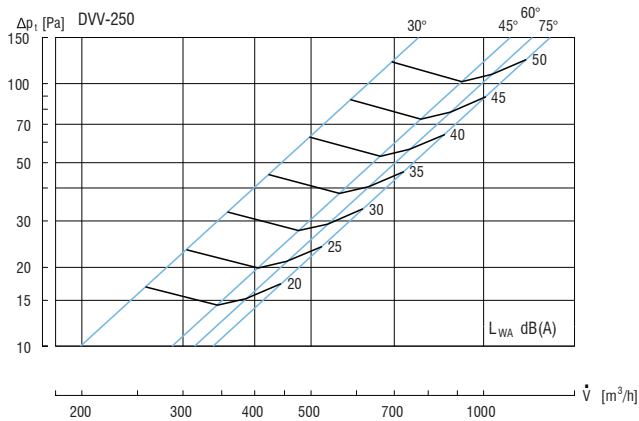
h [m] DVV-500 izotermno



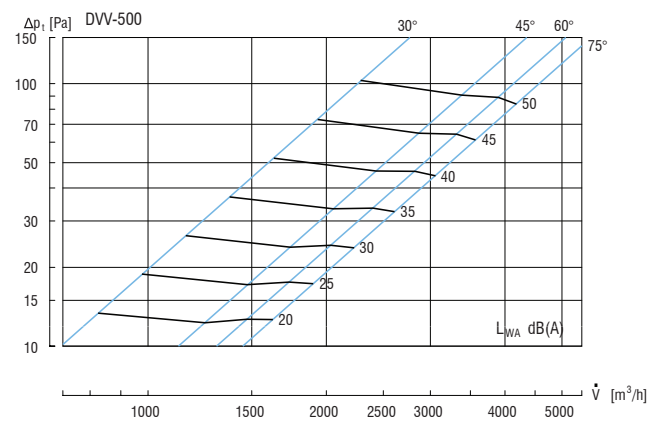
h [m] DVV-500



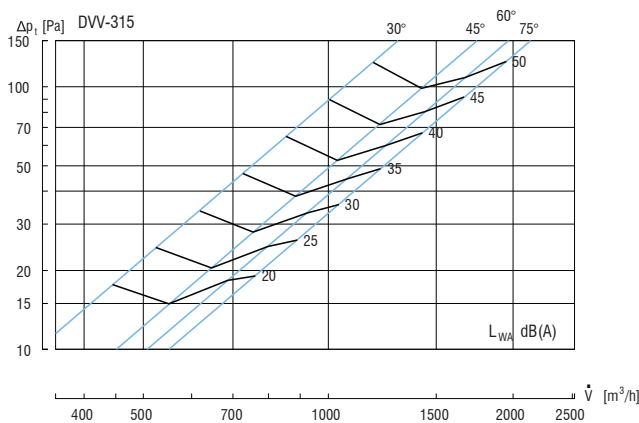


Buka i pad tlaka


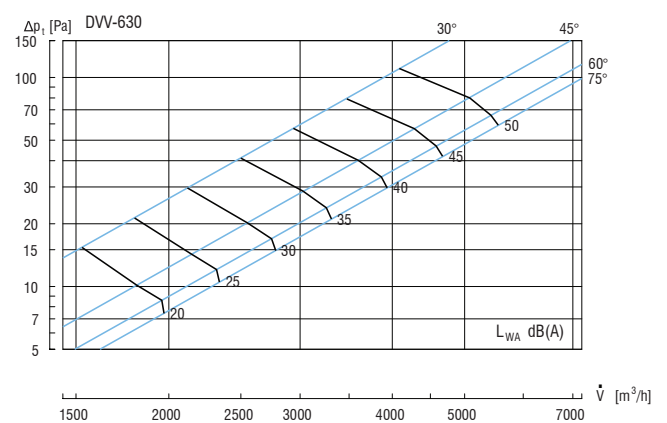
Hz	63	125	250	500	1K	2K	4K	8K
K _{ak}	7	1	-2	-2	-4	-9	-18	-21



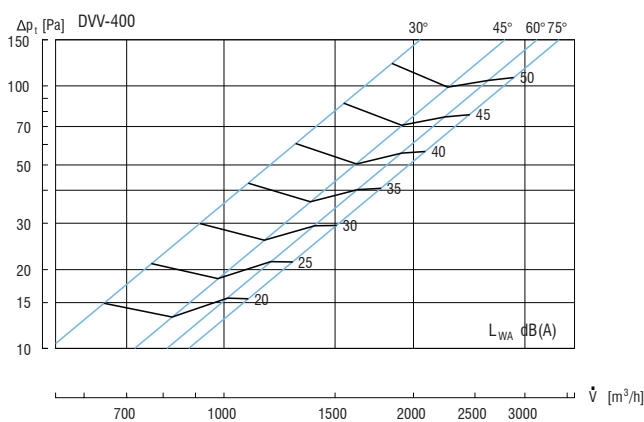
Hz	63	125	250	500	1K	2K	4K	8K
K _{ak}	12	1	-2	-1	-4	-12	-20	-22



Hz	63	125	250	500	1K	2K	4K	8K
K _{ak}	10	2	-1	-3	-4	-10	-17	-21



Hz	63	125	250	500	1K	2K	4K	8K
K _{ak}	15	5	0	-2	-5	-12	-18	-22



Hz	63	125	250	500	1K	2K	4K	8K
K _{ak}	12	1	-2	-2	-3	-13	-20	-23

Primjer:
Zadano:

Tip DVV 500
 izotermni mlaz
 h = 5 m
 V = 1500 m³/h

Rješenje:

Dijagram str. 9
 Kut 45°
Dijagram str. 11
 Δp = 17Pa
 L_{WA} = 25 dB (A)