

2/S11
v 2.6 (hr)

DISTRIBUTER VRTLOŽNI VARIJABILNI

DVV



SADRŽAJ

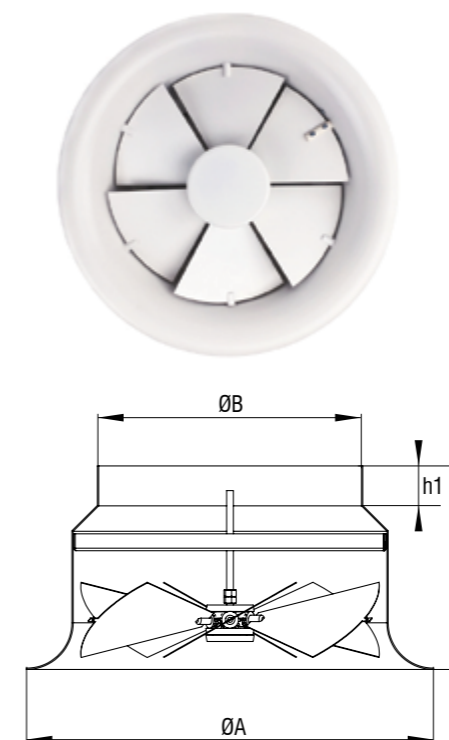
Distributer vrtložni varijabilni	147
Izborni dijagrami	149

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

- Prikjučna kutija
- Ručno pokretanje
- Motorni pogon
- Termosenzibilni pogon
- RAL...


Dimenzije

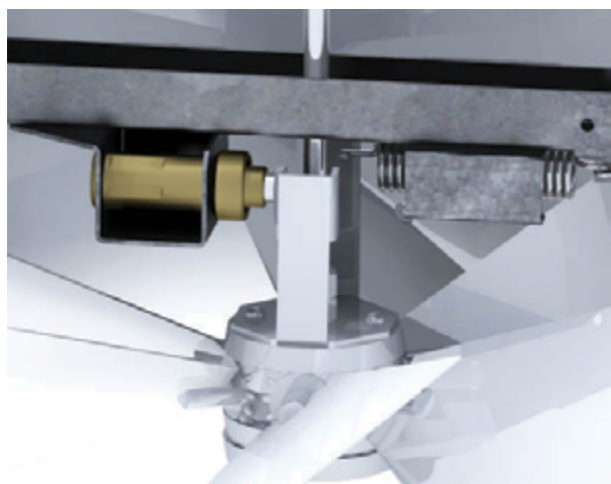
Veličina	A_{ef} [m ²]	$\varnothing B$ [mm]	$\varnothing A$ [mm]	h [mm]	h1 [mm]	K [mm]	H [mm]	$\varnothing d$ [mm]
250	0,048	248	417	230	40	384	290	198
315	0,077	313	491	250	40	484	340	248
400	0,125	398	615	265	50	590	405	313
500	0,195	498	796	320	50	590	405	313
630	0,310	628	935	370	40	650	540	448
800*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

*Veličina 800 na poseban zahtjev

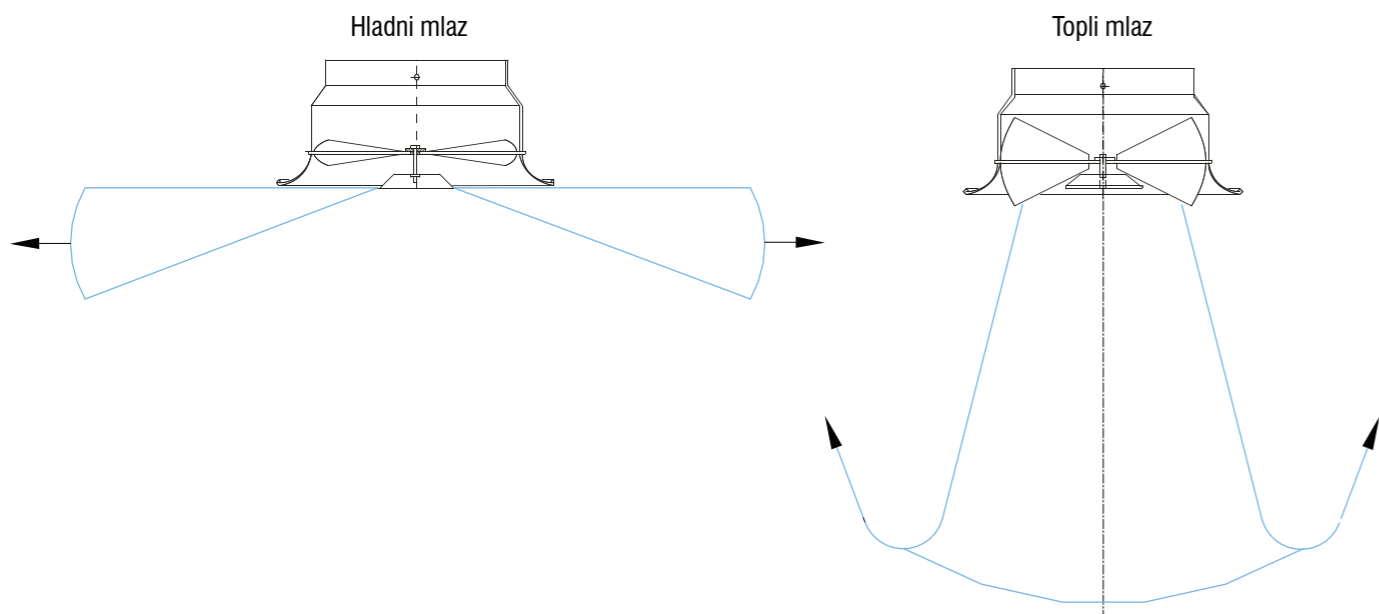
Oznake:

V [m ³ /h]	- protok zraka	v_h [m/s]	- srednja brzina mlaza između dva distributera na udaljenosti h
V_{uk} [m ³ /h]	- ukupna količina zraka u kretanju	Δp [Pa]	- ukupni pad tlaka
h [m]	- udaljenost između zone boravka i ravnine istrujavanja	t_p [°C]	- temperatura zraka u prostoriji
H [m]	- visina prostorije	t_z [°C]	- temperatura dobavnog zraka
A, B [m]	- razmak između anemostata	t_m [°C]	- temperatura zraka u mlazu
x [m]	- udaljenost od zida	Δt_z [°C]	- ($t_z - t_p$)
L [m]	- ukupni domet mlaza ($x+h$)	Δt_L [°C]	- ($t_m - t_p$)
A_{ef} [m ²]	- efektivna istrujna površina	i	- indukcija V_{uk}/V
v_{ef} [m/s]	- efektivna istrujna brzina	L_{WA} [dB(A)]	- razina zvučne snage
v_L [m/s]	- srednja brzina mlaza na udaljenosti L od difuzora		

Termička kontrolna jedinica



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



Oznaka za narudžbu:

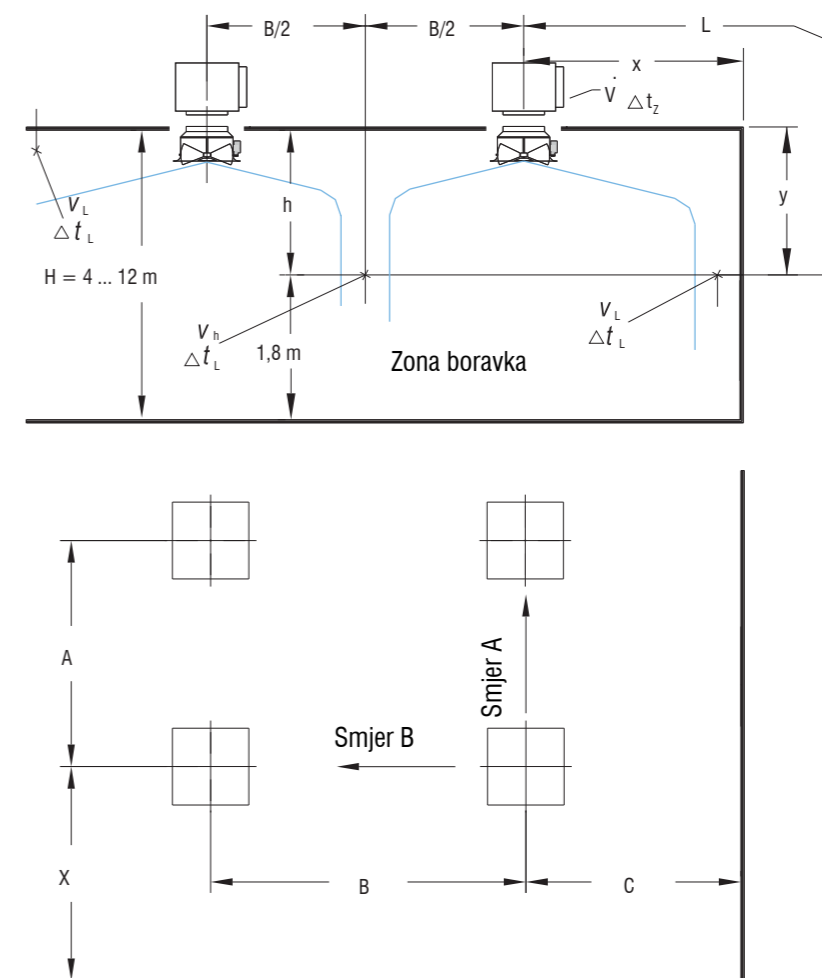
Tip	DVV - 500 - M230 - OZ - H - PL - Ød
Veličina	
R - ručni pogon	
M230 - elektromotorni 230V	
M24 - elektromotorni 24V	
T - termosenzibilni pogon	
OZ - dvopoložajna regulacija	
K - kontinuirana regulacija	
Horizontalni priključak	
Ploča 595x595 (ugradnja u spuštenu strop)	
Promjer priključka	

*Vijci se ne isporučuju

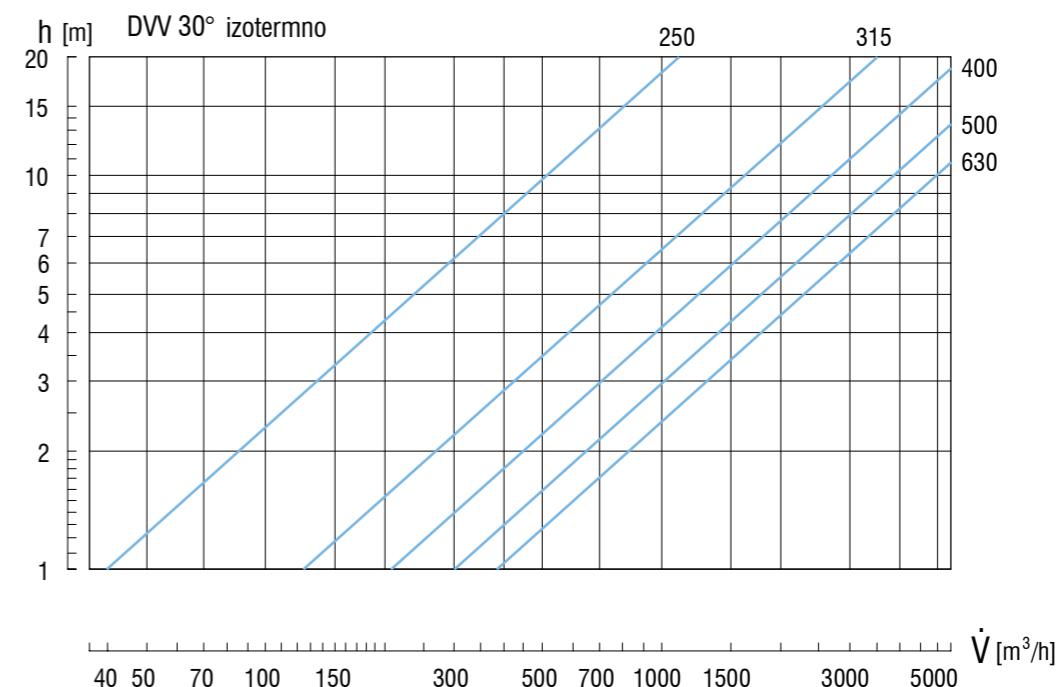
**Oznaka za narudžbu priključne kutije na stranici 184

***Samo za plitku kutiju UPK2

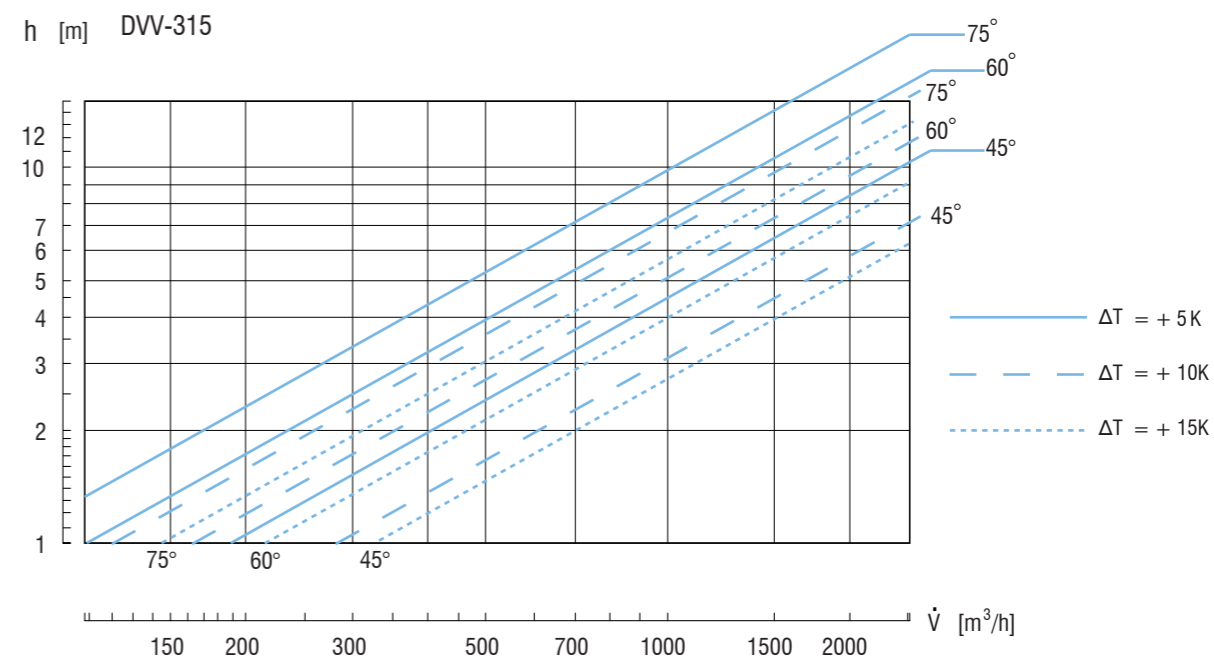
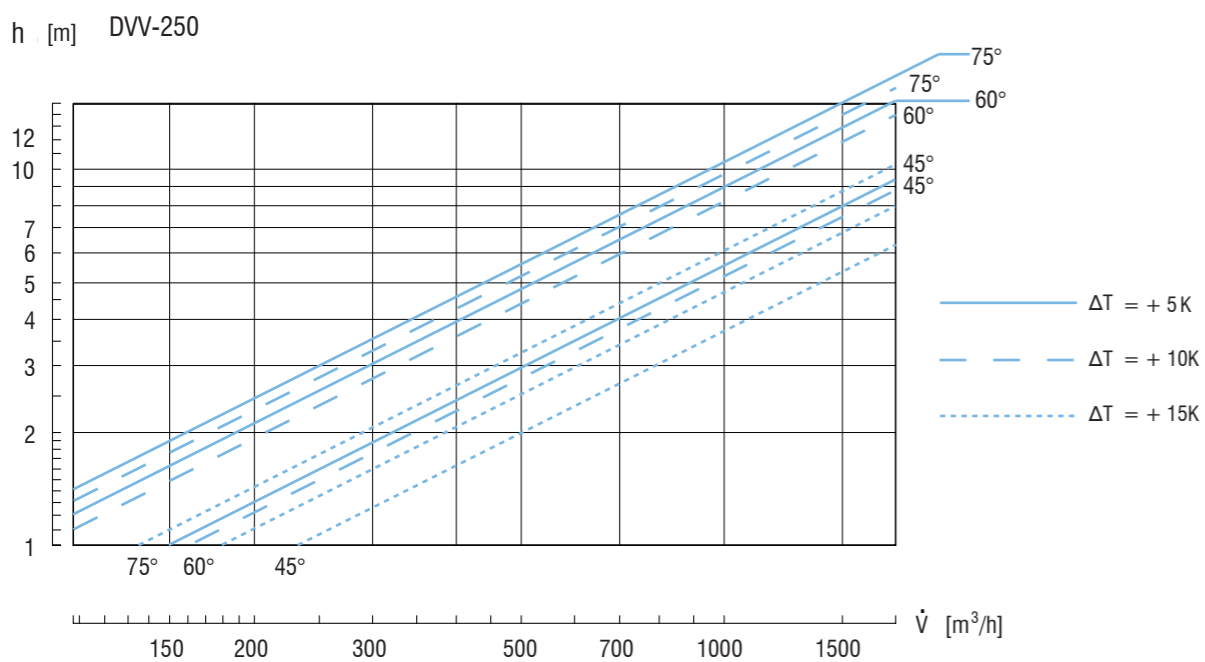
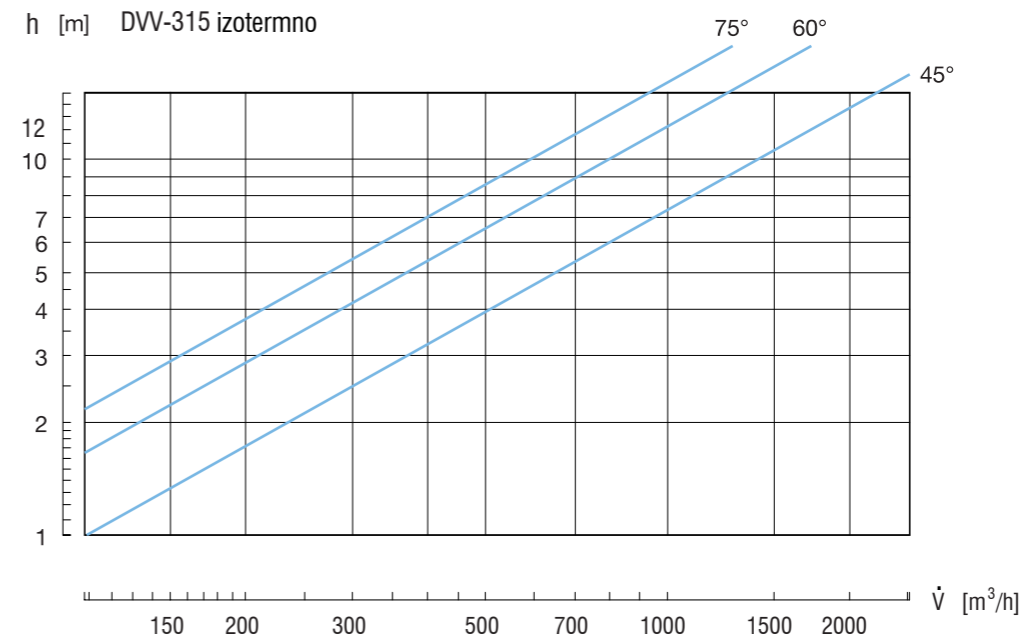
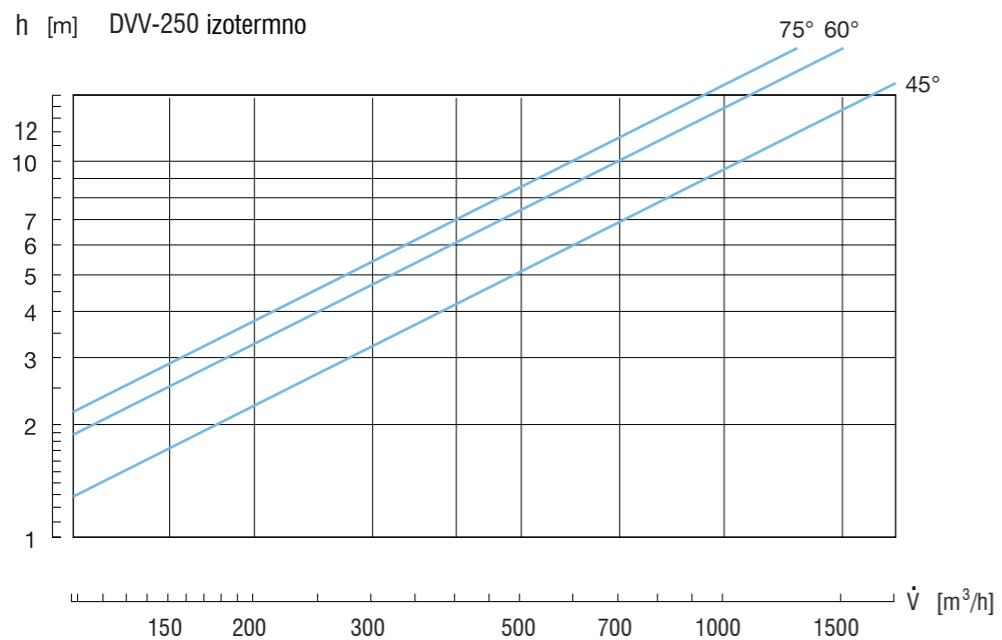
SLIKA ISTRUJAVANJA

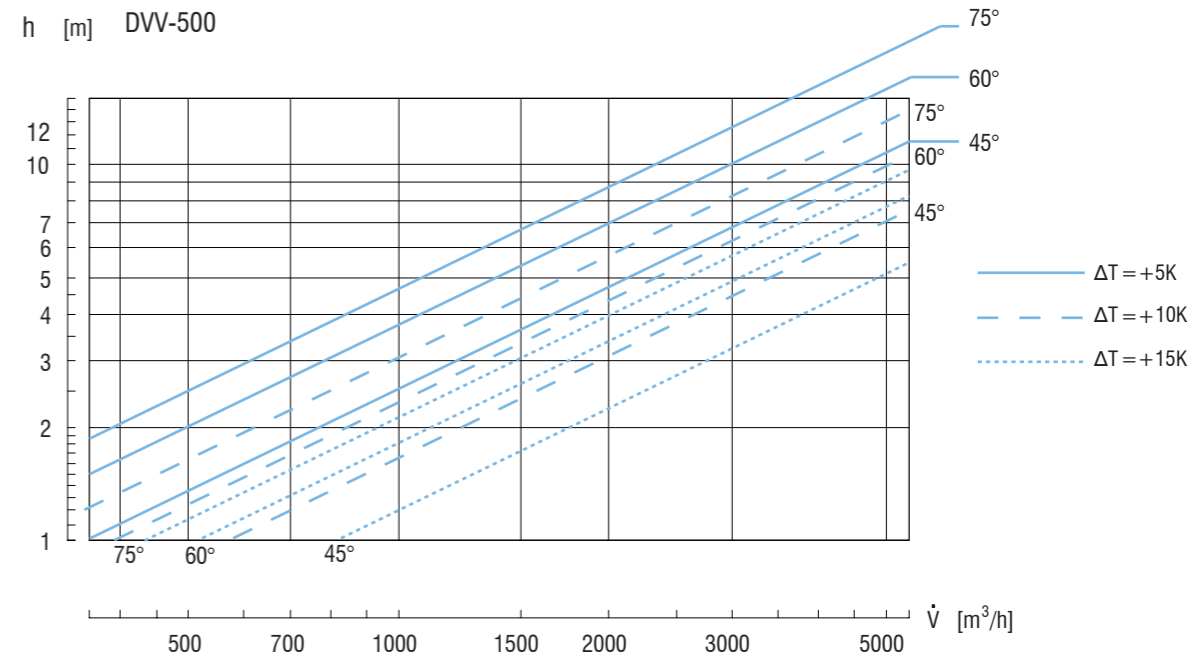
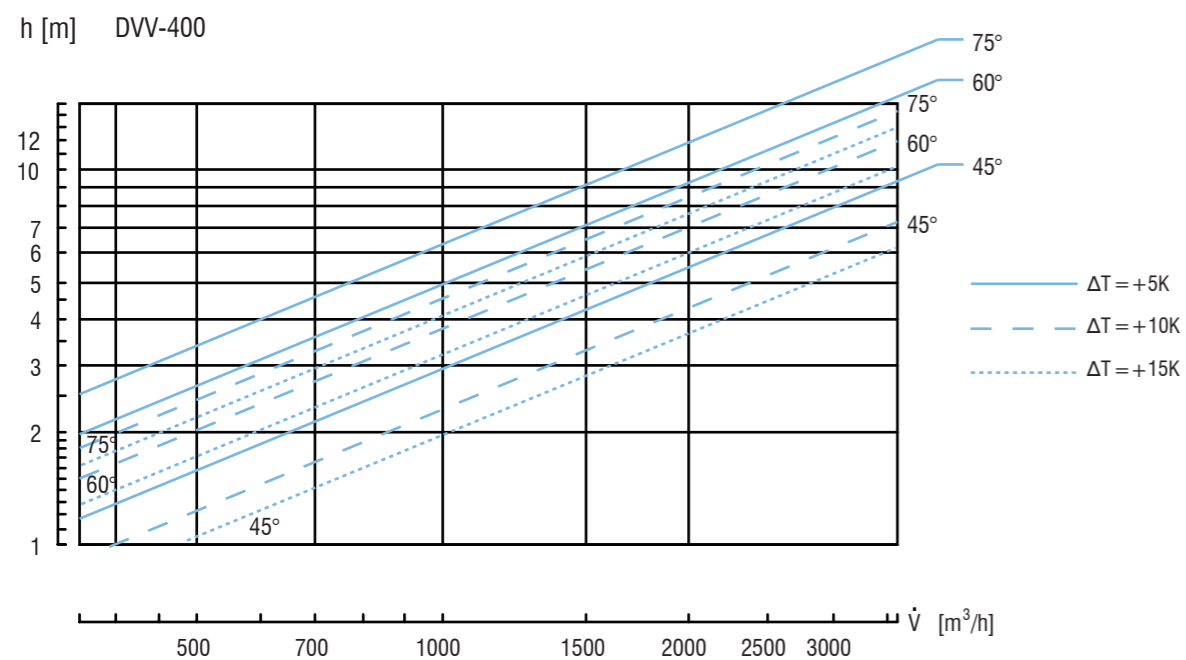
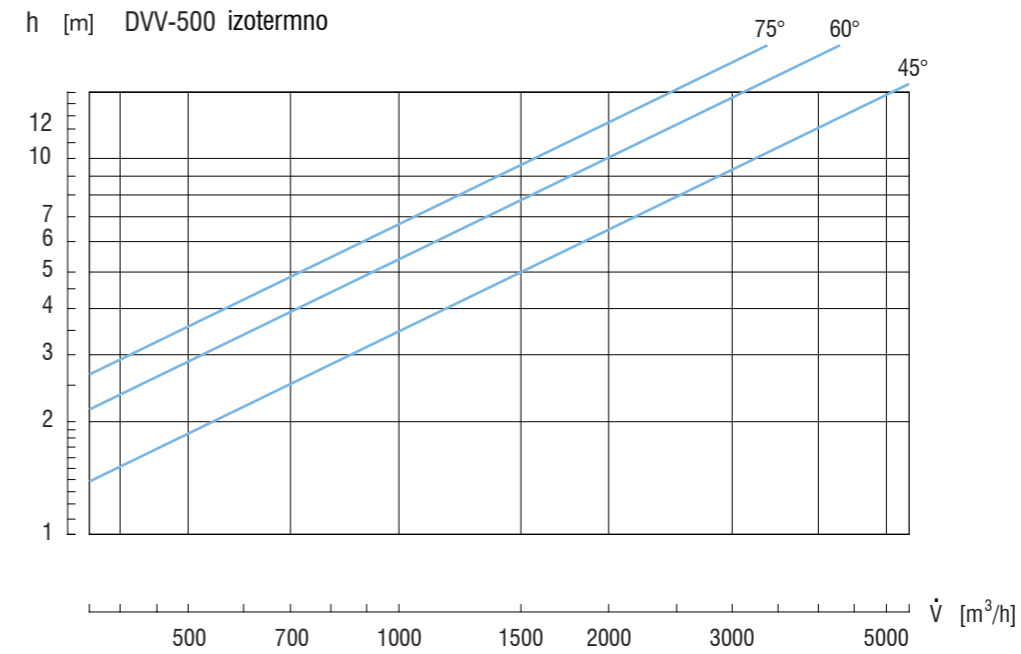
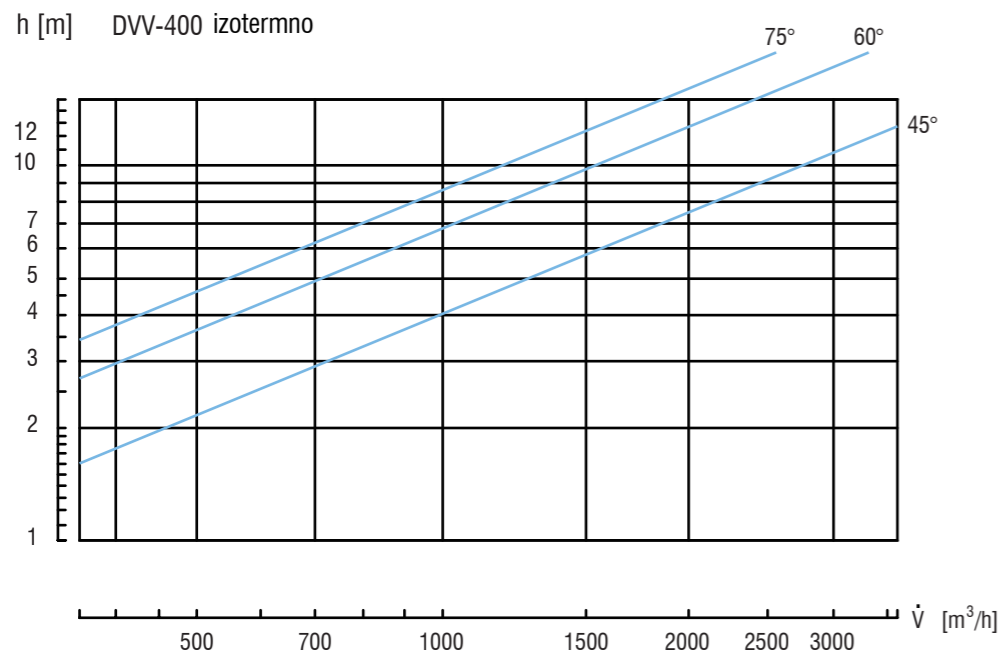


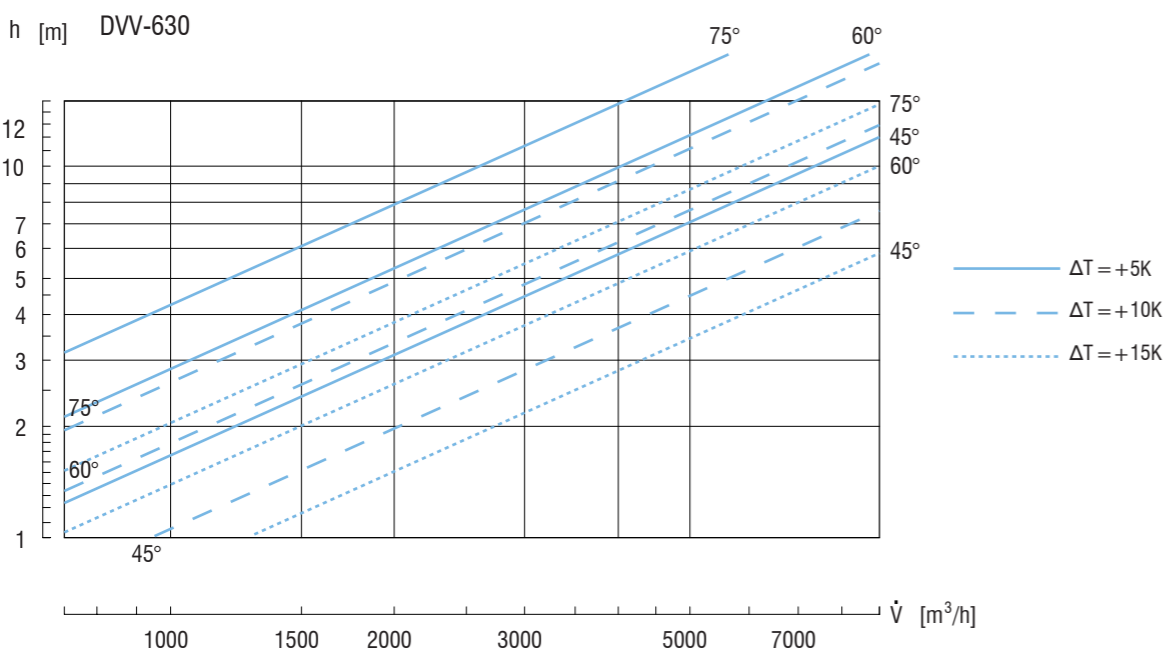
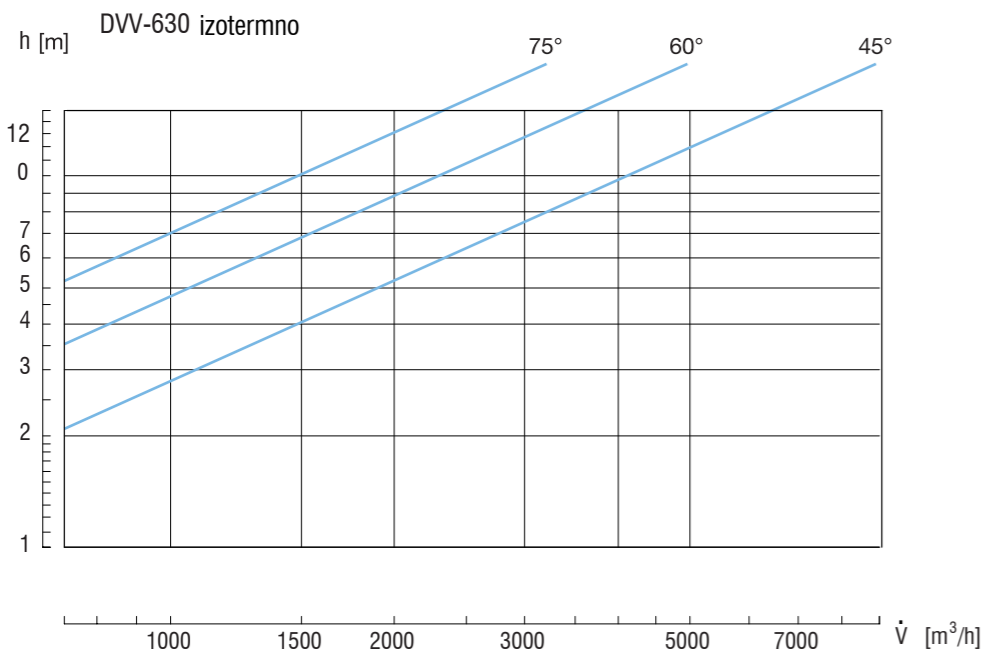
IZBORNI DIJAGRAMI



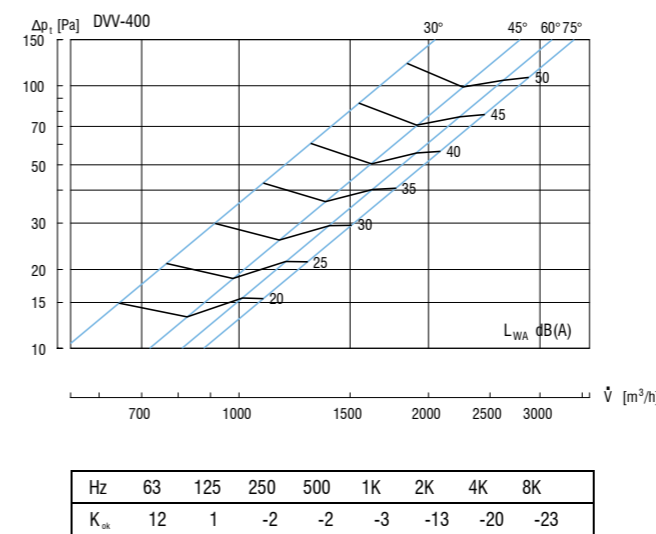
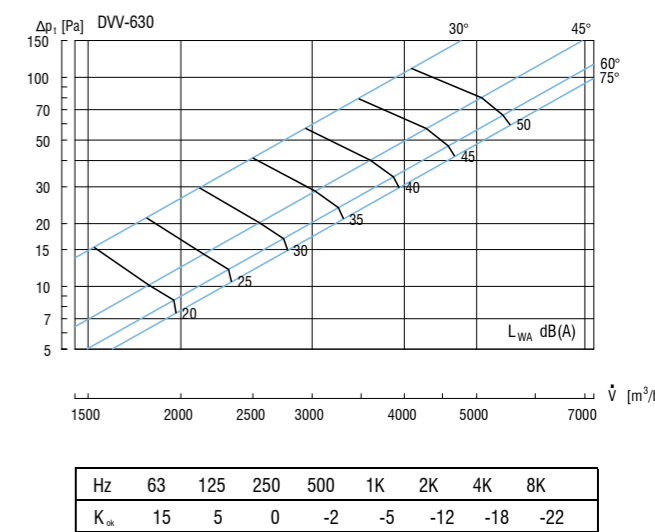
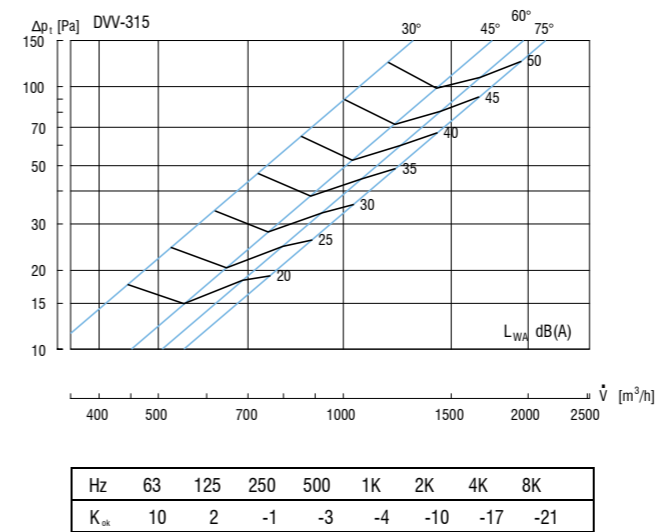
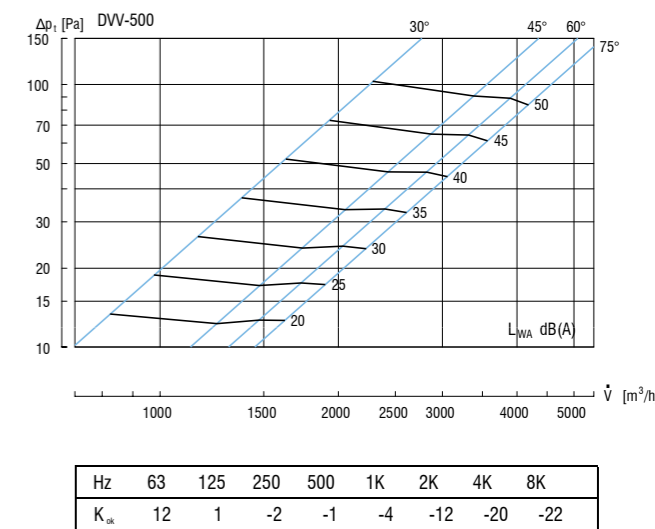
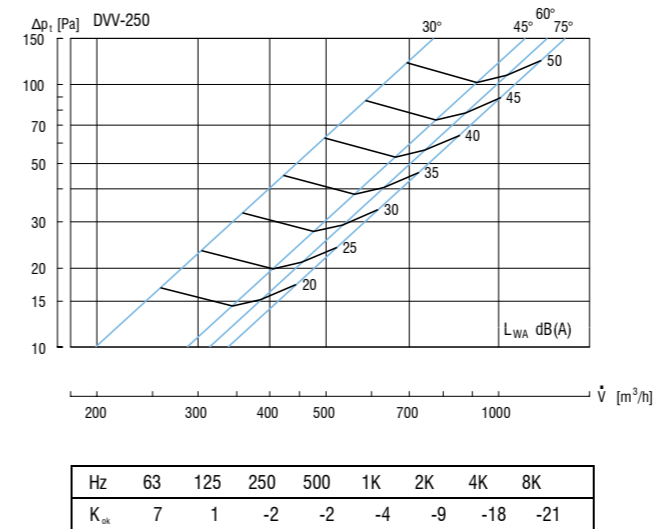
Ako je distributer ugrađen na manje od 300mm od stropa, očitane vrijednosti je potrebno pomnožiti sa 1.4







Buka i pad tlaka



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)