

**2/S11**  
v 2.6 (hr)

## **DISTRIBUTER VRTLOŽNI VARIJABILNI**

DVV



**SADRŽAJ**

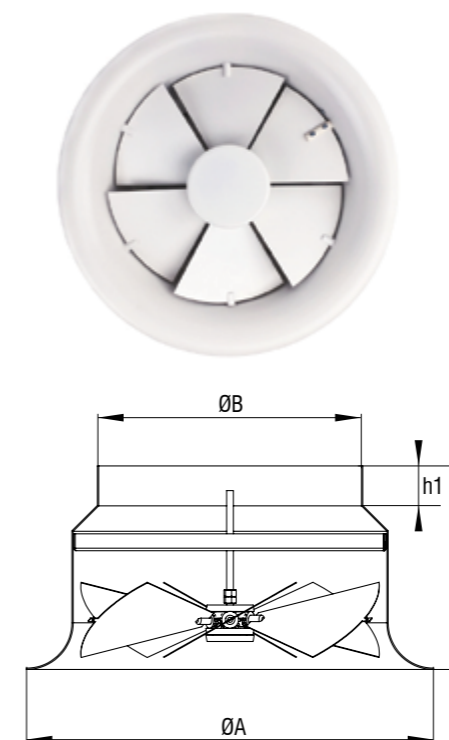
Distributer vrtložni varijabilni .....	147
Izborni dijagrami .....	149

**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...

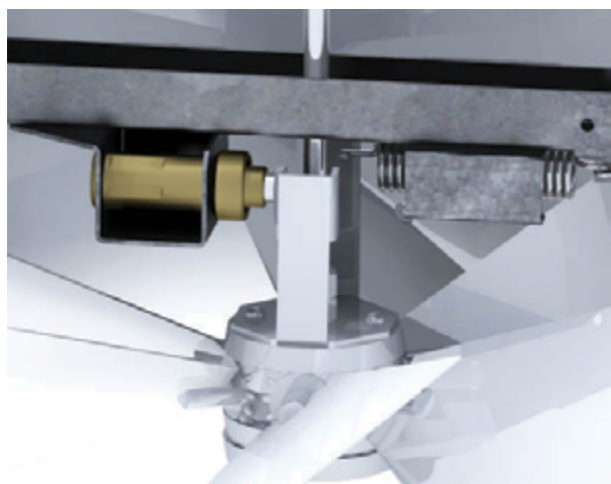

**Dimenzije**

Veličina	$A_{ef}$ [m <sup>2</sup> ]	$\varnothing B$ [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

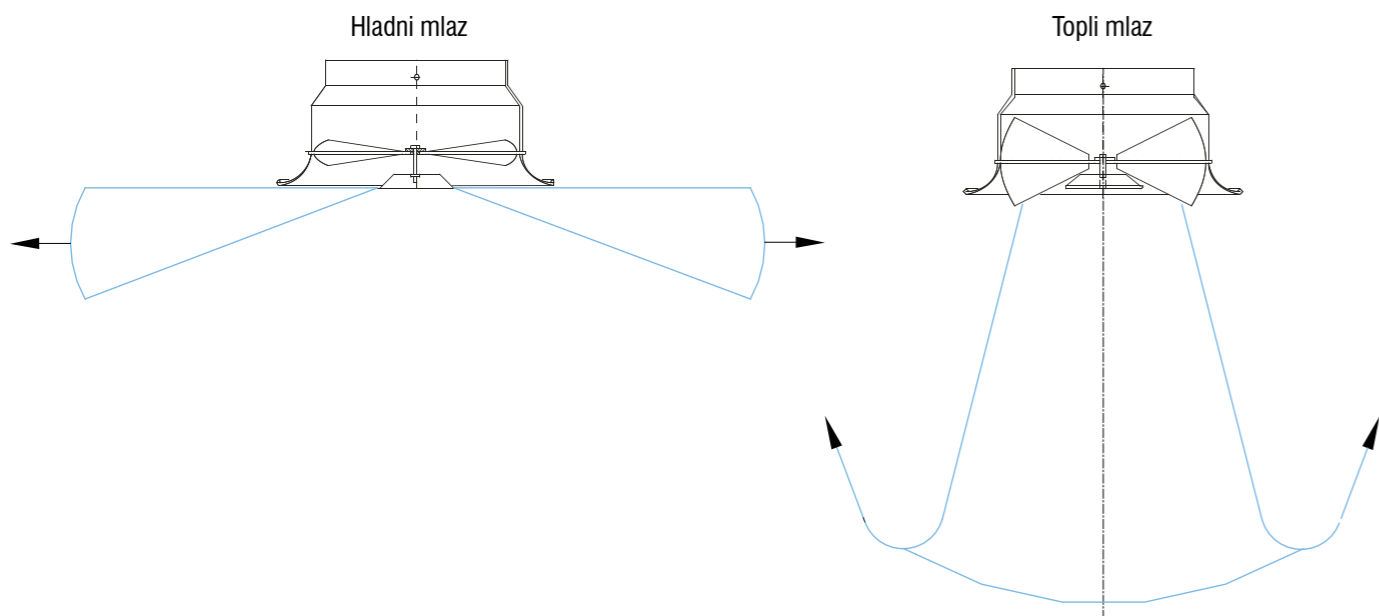
**Oznake:**

$V$ [m <sup>3</sup> /h]	- protok zraka	$v_h$ [m/s]	- srednja brzina mlaza između dva distributera na udaljenosti h
$V_{uk}$ [m <sup>3</sup> /h]	- ukupna količina zraka u kretanju	$\Delta p$ [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	$\Delta t_z$ [°C]	- ( $t_z - t_p$ )
$L$ [m]	- ukupni domet mlaza ( $x+h$ )	$\Delta t_L$ [°C]	- ( $t_m - t_p$ )
$A_{ef}$ [m <sup>2</sup> ]	- 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.

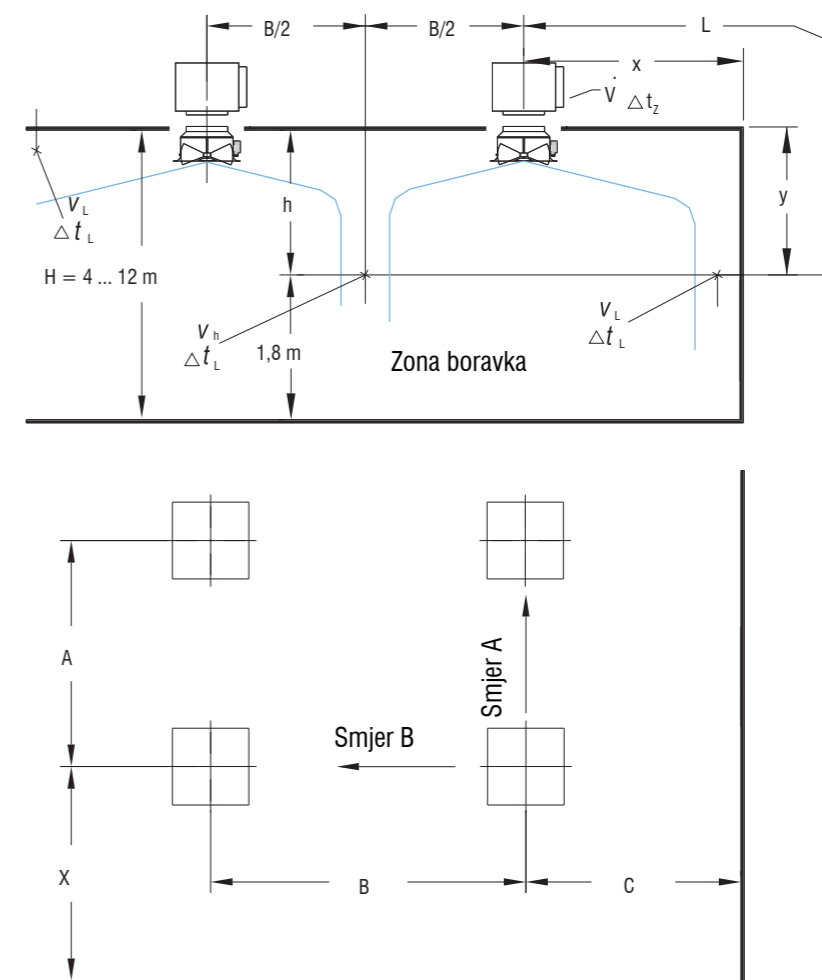


Oznaka za narudžbu:

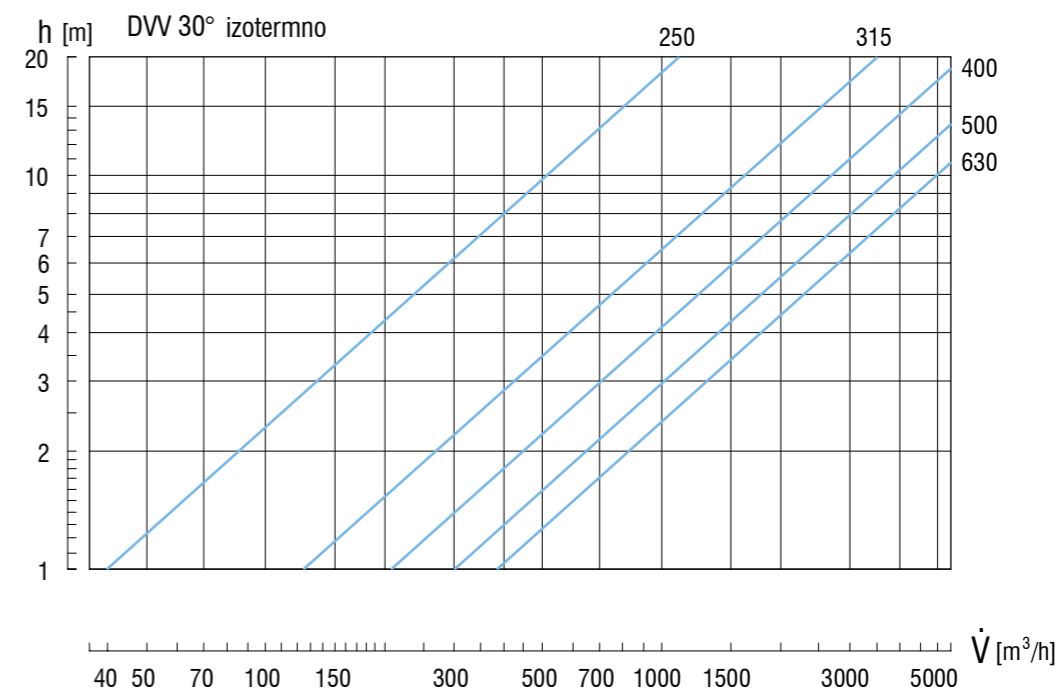
Tip	DVV - 500 - M230 - OZ - H - PL - Ød
Veličina	
R - ručni pogon	
M230 - elektromotorni 230V	
M24 - elektromotorni 24V	
T - termosenzibilni pogon	
OZ - dvopoložajna regulacija	
K - kontinuirana regulacija	
Horizontalni priključak	
Ploča 595x595 (ugradnja u spuštenu strop)	
Promjer priključka	

\*Vijci se ne isporučuju  
 \*\*Oznaka za narudžbu priključne kutije na stranici 184  
 \*\*\*Samo za plitku kutiju UPK2

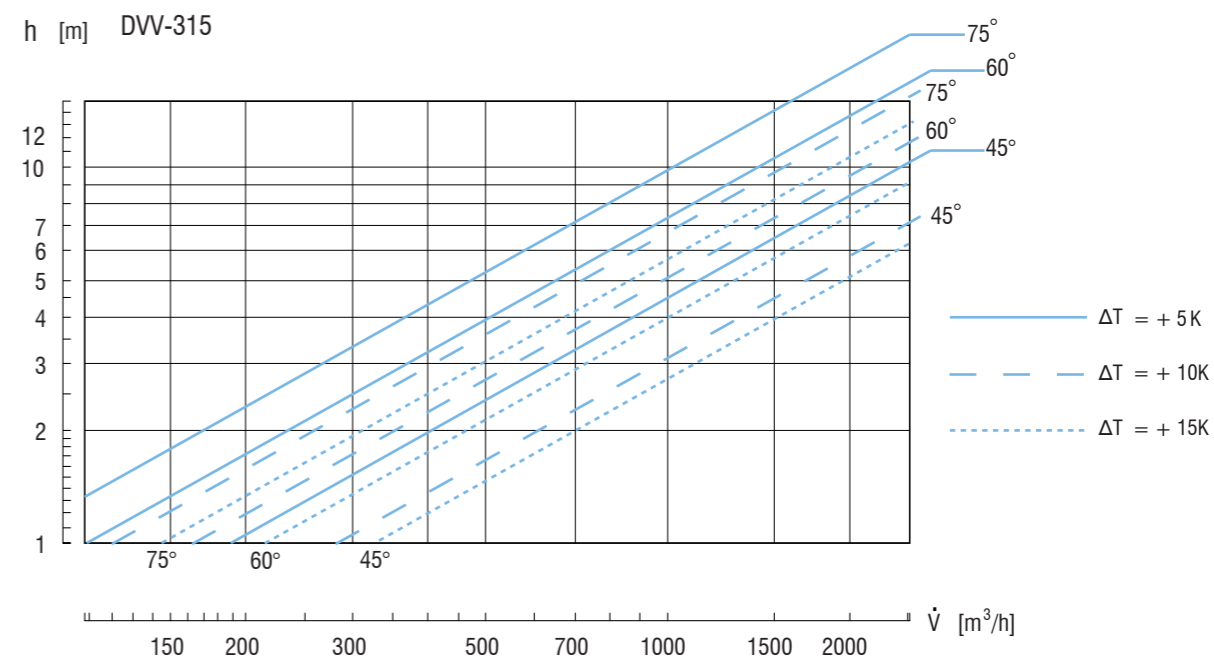
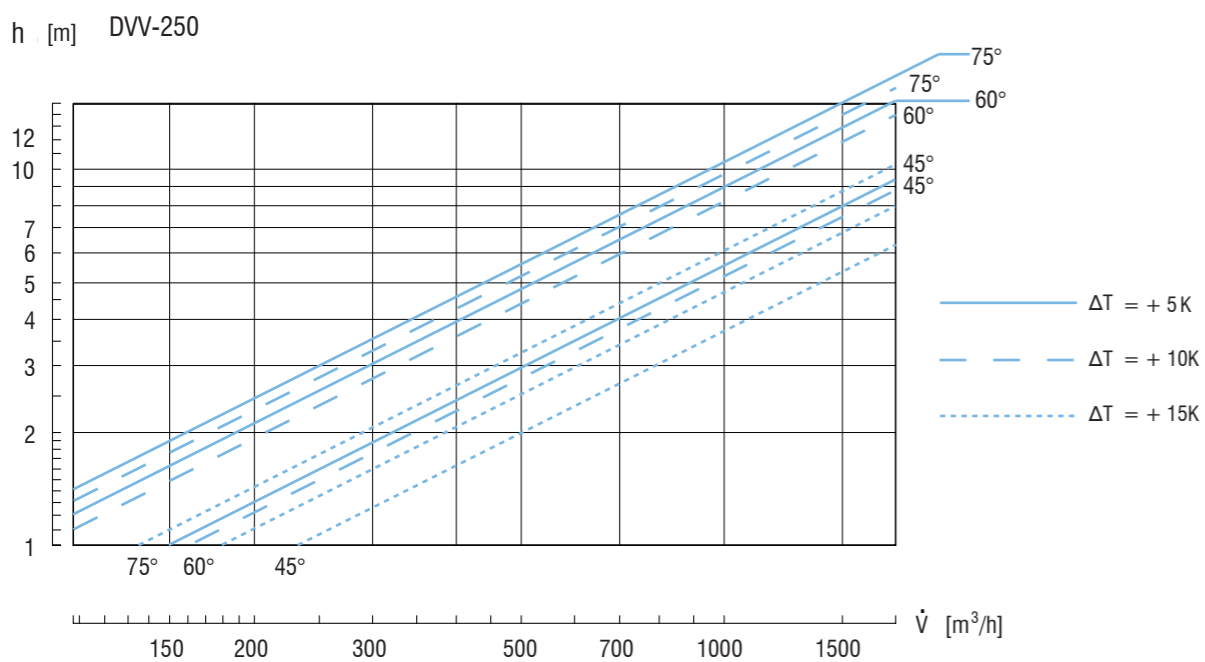
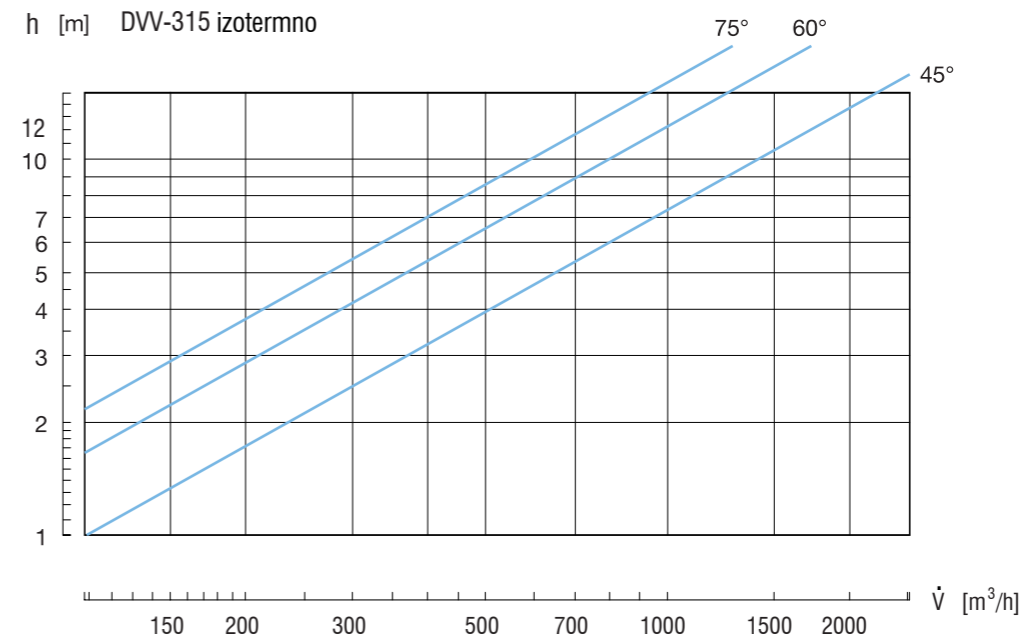
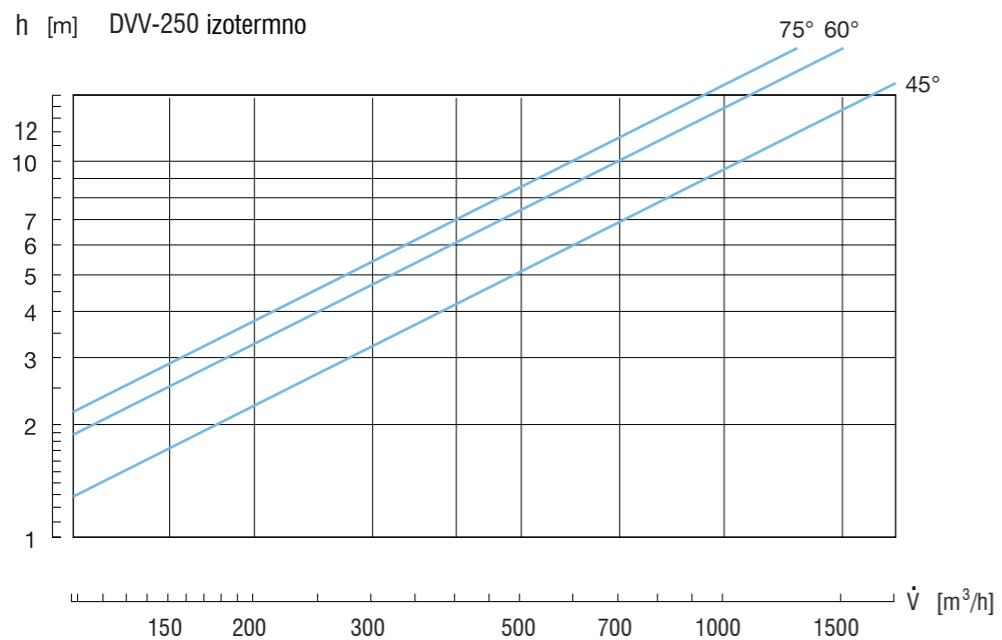
SLIKA ISTRUJAVANJA

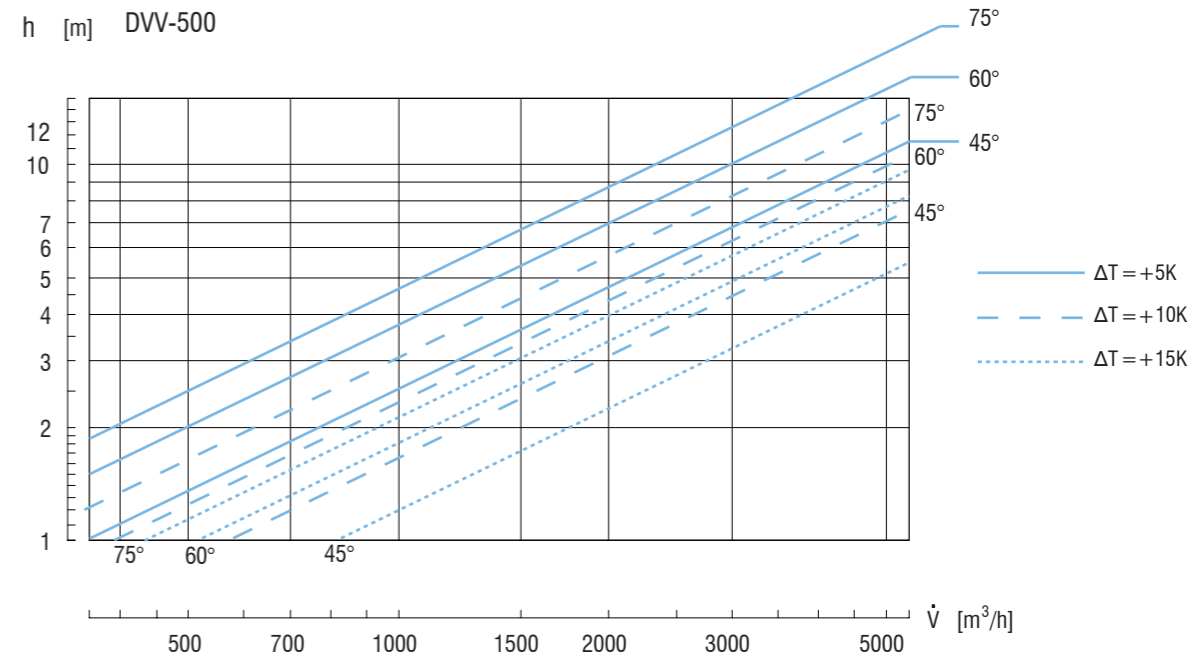
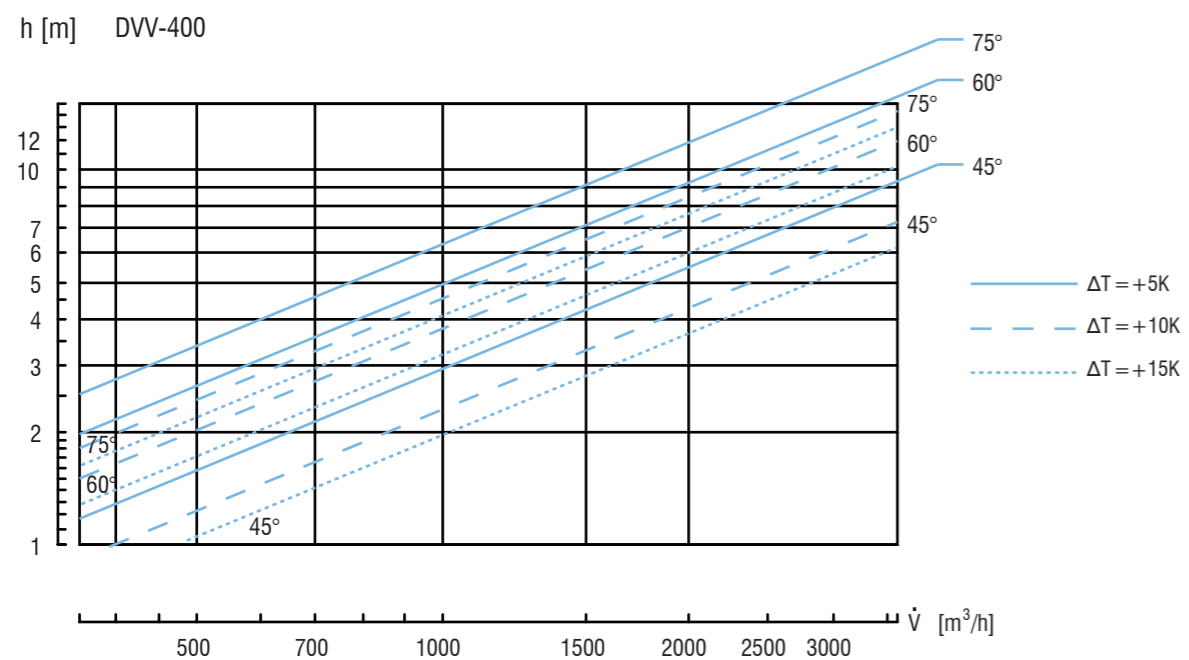
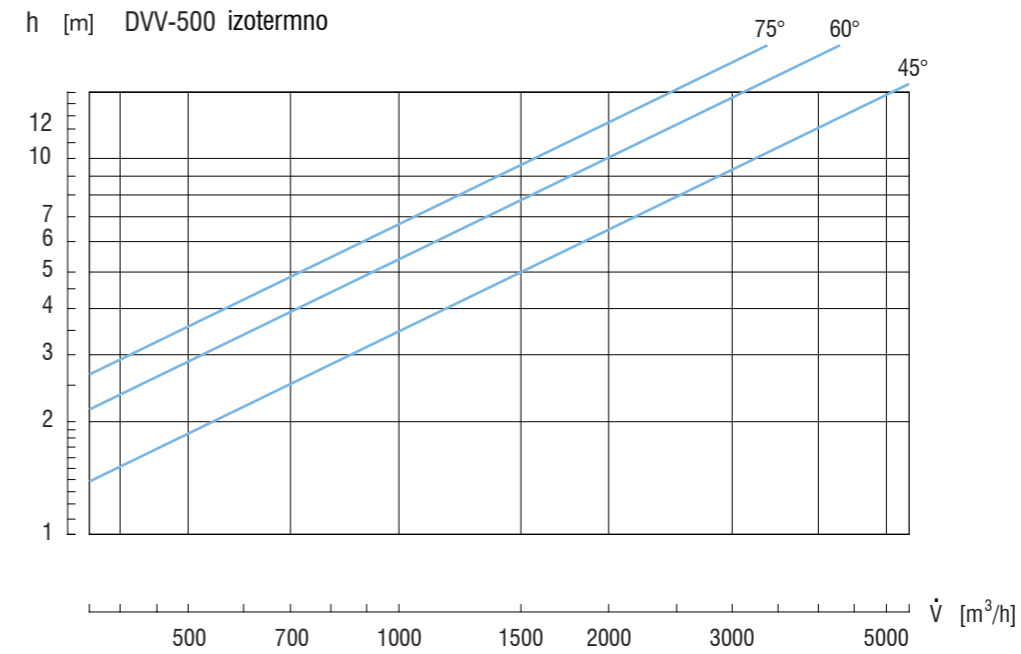
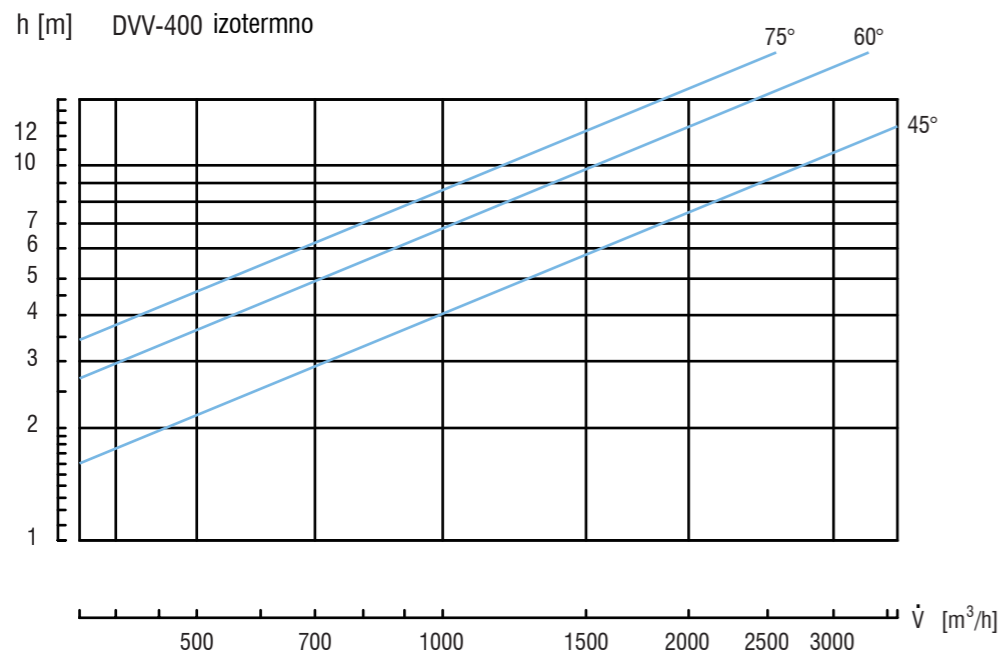


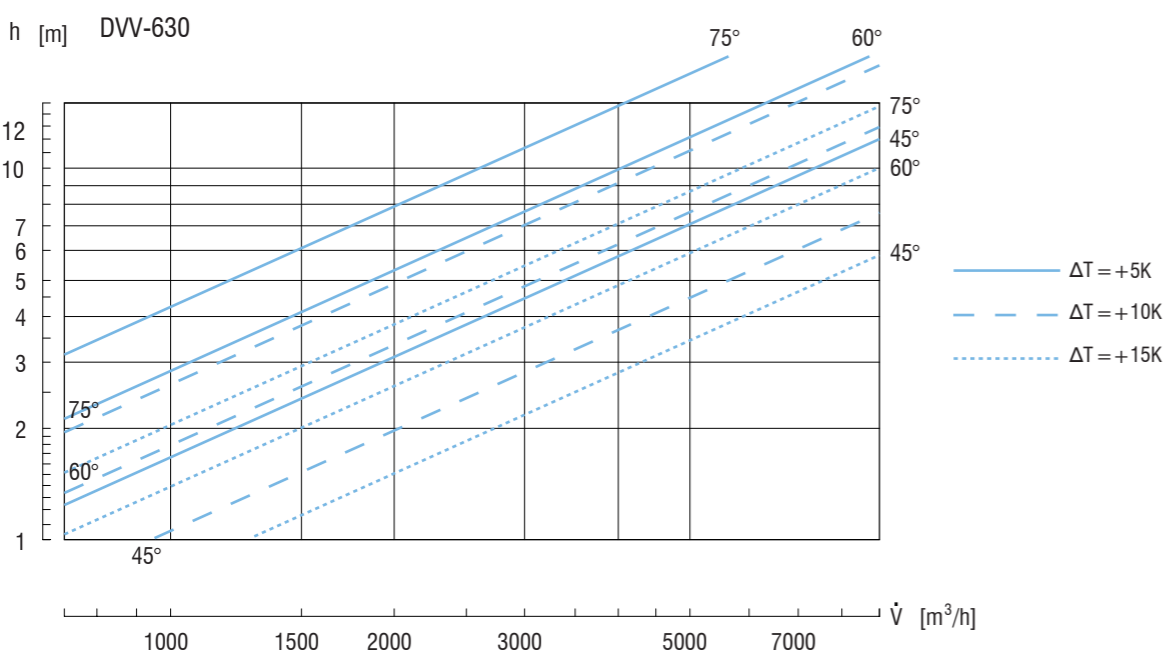
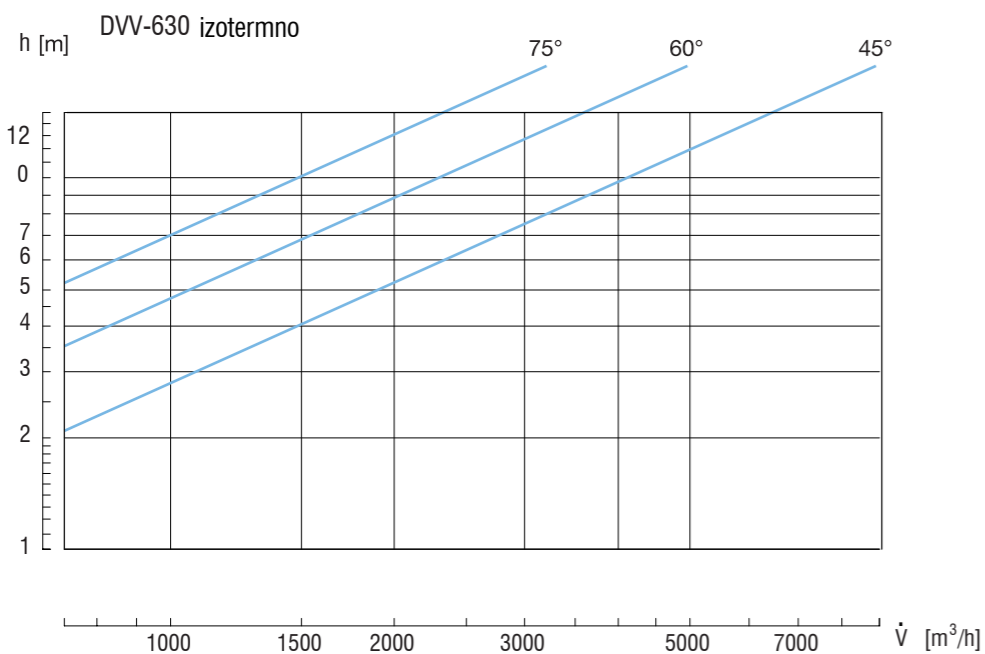
IZBORNI DIJAGRAMI



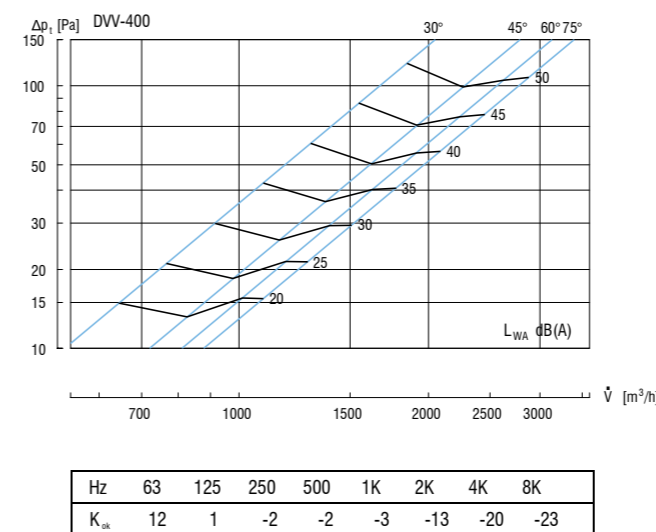
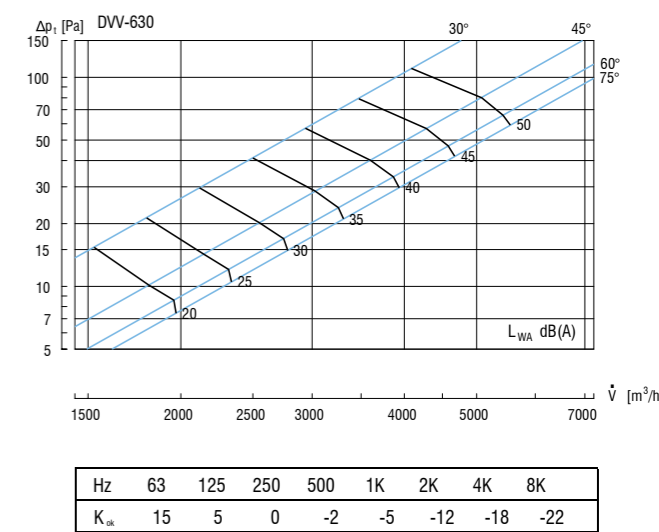
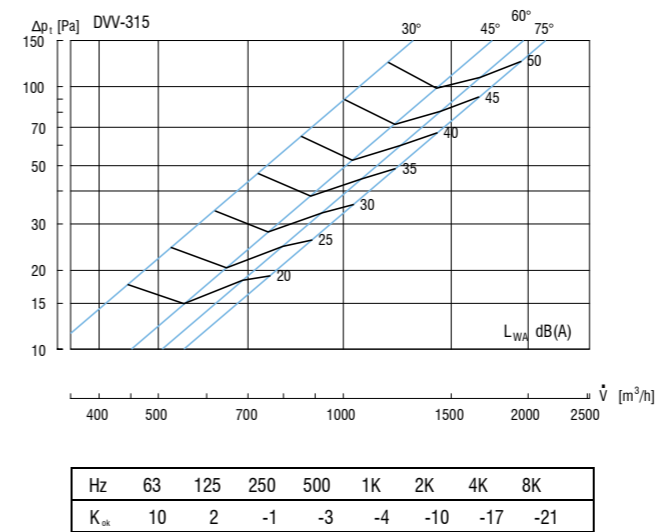
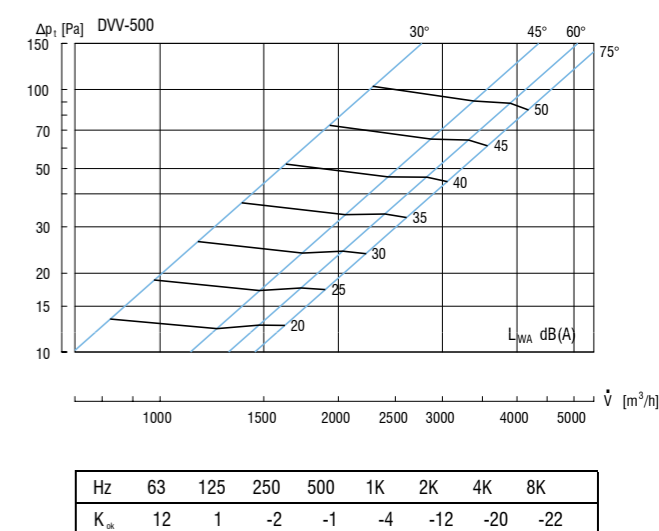
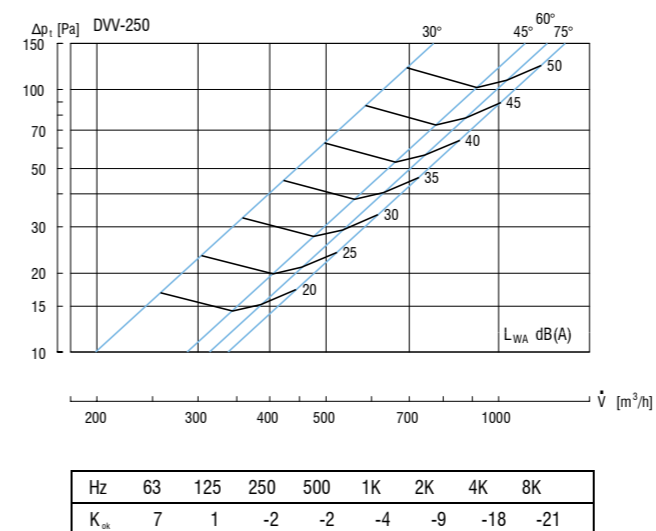
Ako je distributer ugrađen na manje od 300mm od stropa, očitane vrijednosti je potrebno pomnožiti sa 1.4







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<sub>WA</sub> = 25 dB (A)