

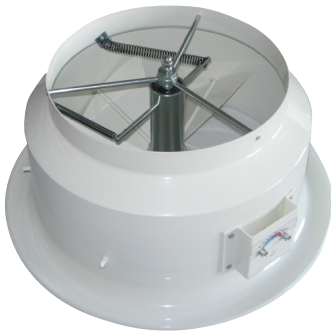
CRVT

Variable geometry diffuser with thermostatic actuator



Diffusion

Components
for perfect air
distribution in HVAC
systems



Product

CRVT

Application

Duct, ceiling or plenum mounted
Installation height: 3.5-26 m

Construction

Aluminium bell and steel blades
Finish: white RAL 9010 epoxy powder coating

SPECIFICATION

Variable geometry diffuser with thermostatic actuator.

The diffuser blade adjustment is automatic, without the need for electrical power, by means of a thermostatic actuator made of special Nickel-Titanium shape memory materials. The CRVT has the advantage of not requiring any initial pre-adjustment.

OPERATION

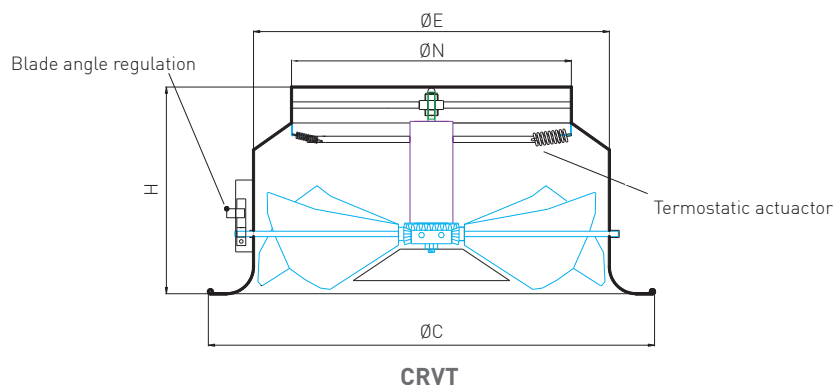
Deflection angle adjustment by means of mechanical stop limits assisted by a coloured graduated scale. When the supply air is warm (heating) the actuator will direct the flow vertically.

OPERATING TEMPERATURE

Temperature range 15-40°C

DIMENSIONS

CRVT Model	Ø N mm	Ø C mm	Ø E mm	Ø H mm
200	198	350	248	180
250	248	400	298	205
315	313	500	398	230
400	398	615	465	270
500	498	780	565	320
630	628	935	665	390

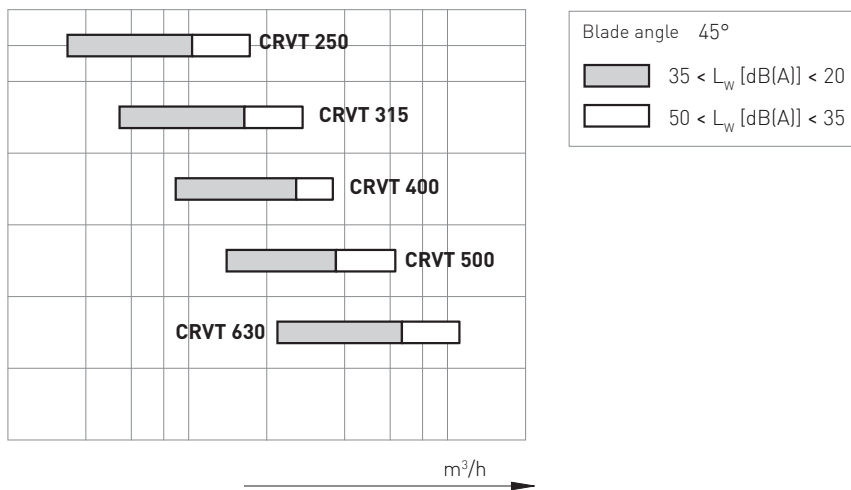


CRVT

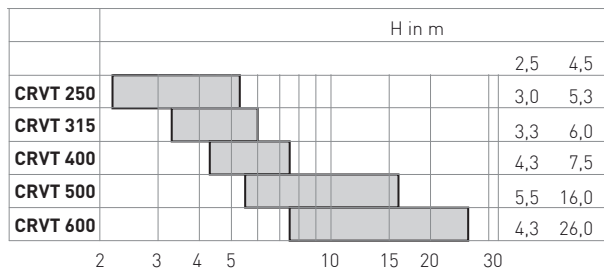
Variable geometry diffuser with thermostatic actuator

QUICK SELECTION DIAGRAM

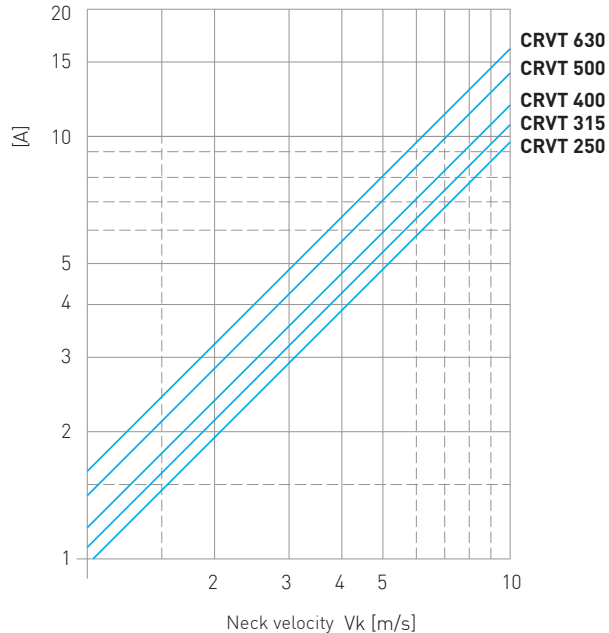
SOUND POWER LEVEL AND FLOW RATE



NOMINAL MOUNTING HEIGHT

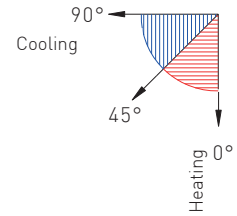


MINIMUM DISTANCE [A]

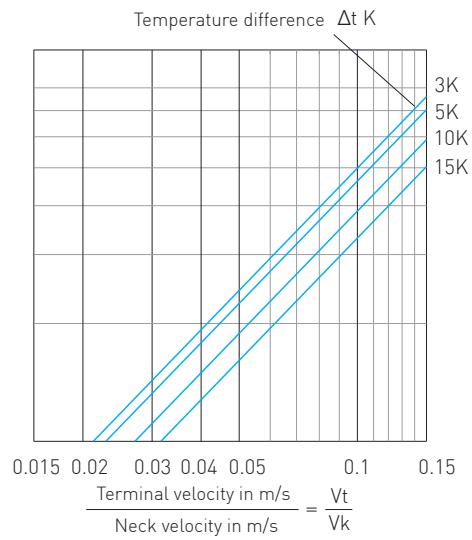
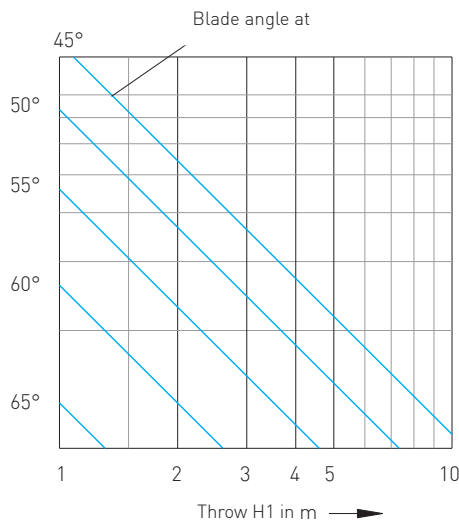




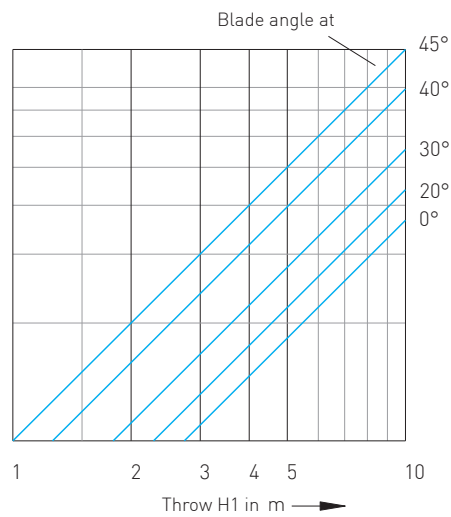
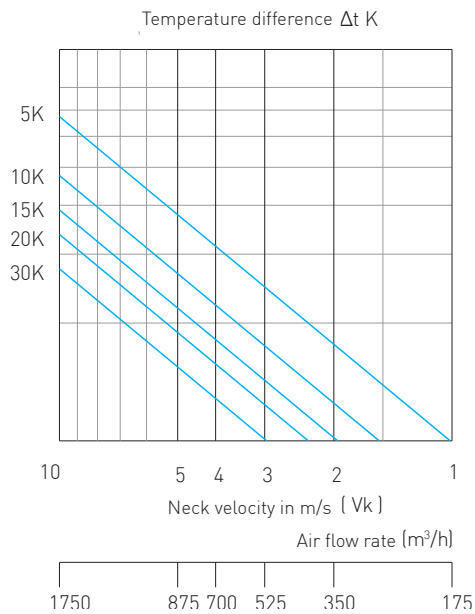
BLADE ANGLE SELECTION CRVT 250



COOLING



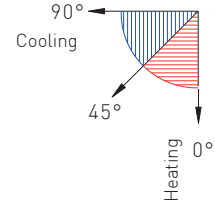
HEATING



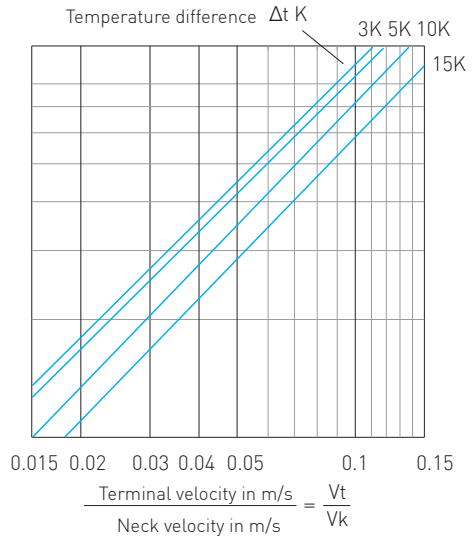
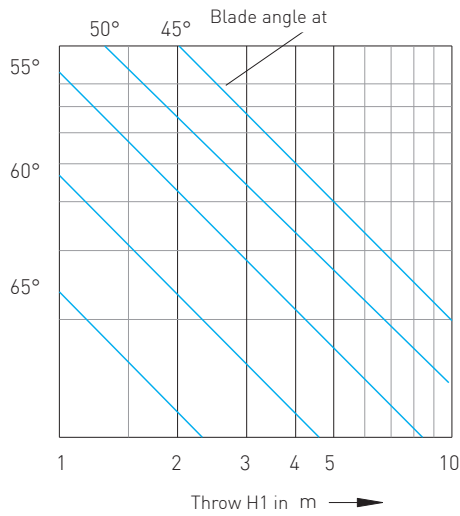
CRVT

Variable geometry diffuser with thermostatic actuator

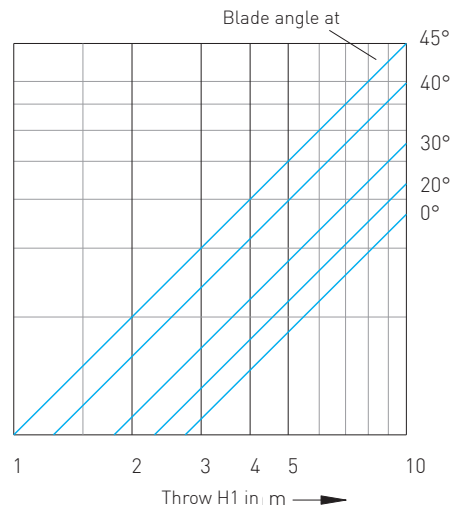
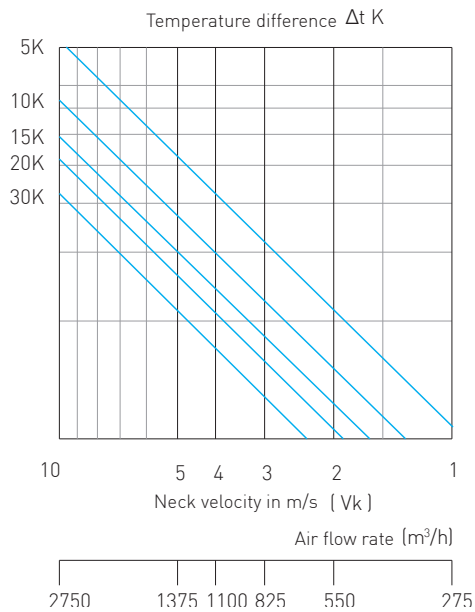
BLADE ANGLE SELECTION CRVT 315



COOLING

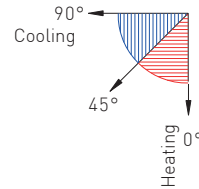


HEATING

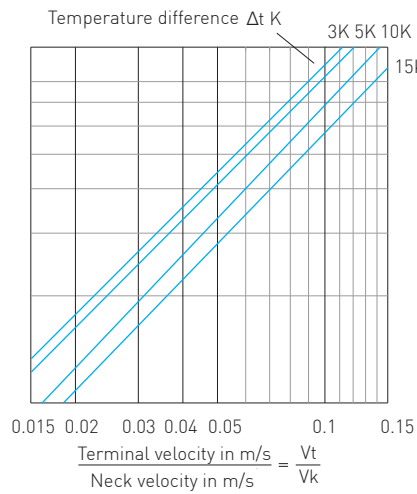
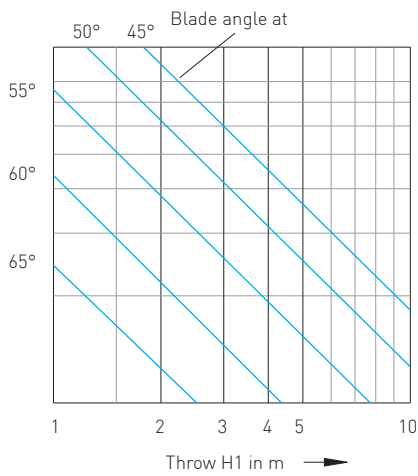




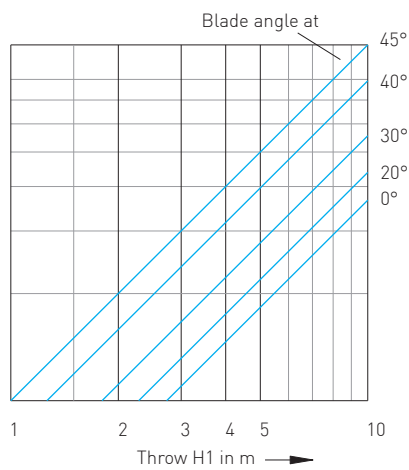
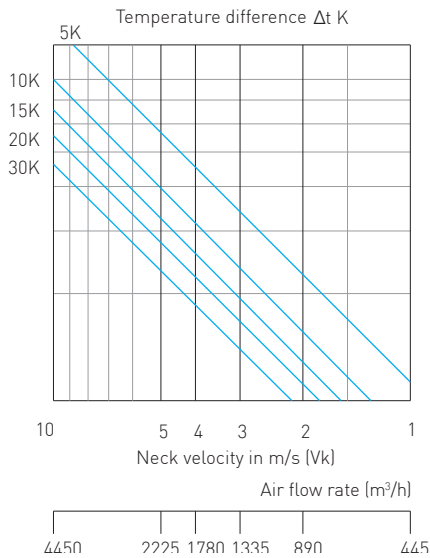
BLADE ANGLE SELECTION CRVT 400



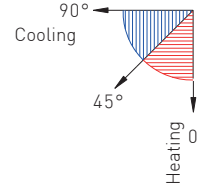
COOLING



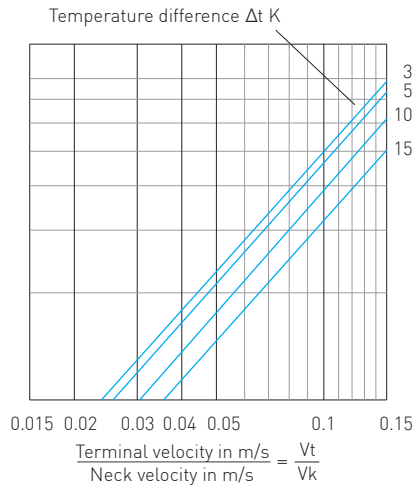
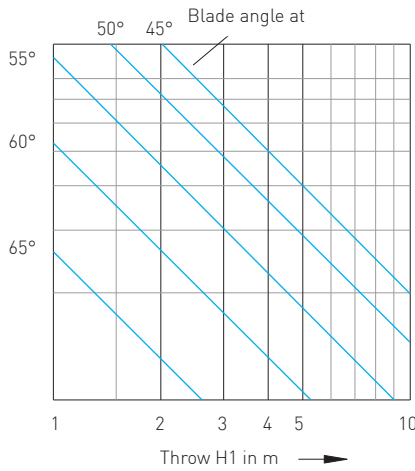
HEATING



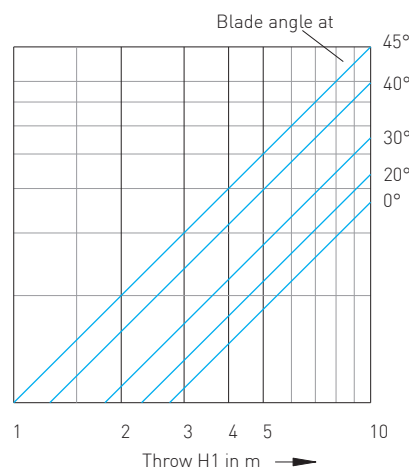
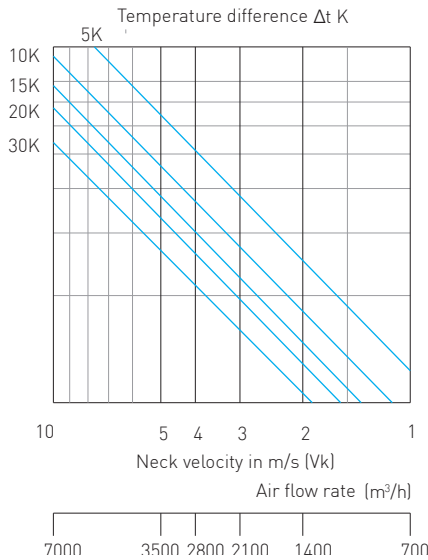
BLADE ANGLE SELECTION CRVT 500



COOLING

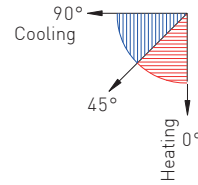


HEATING

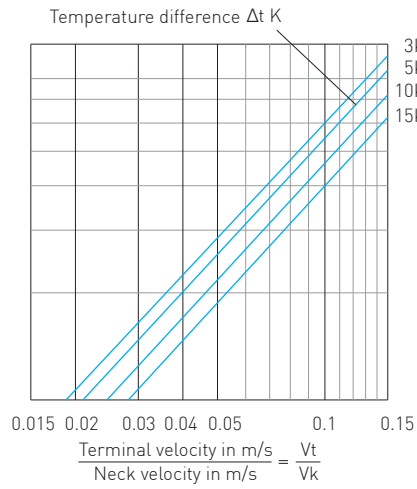
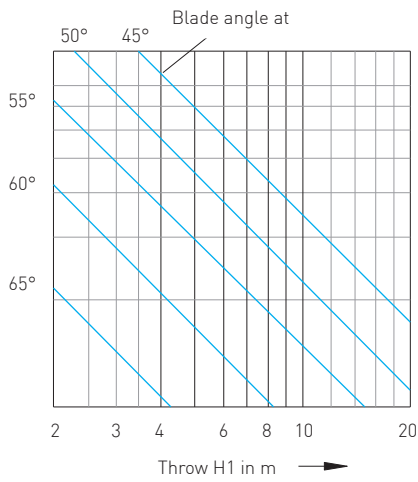




BLADE ANGLE SELECTION CRVT 630



COOLING



HEATING

