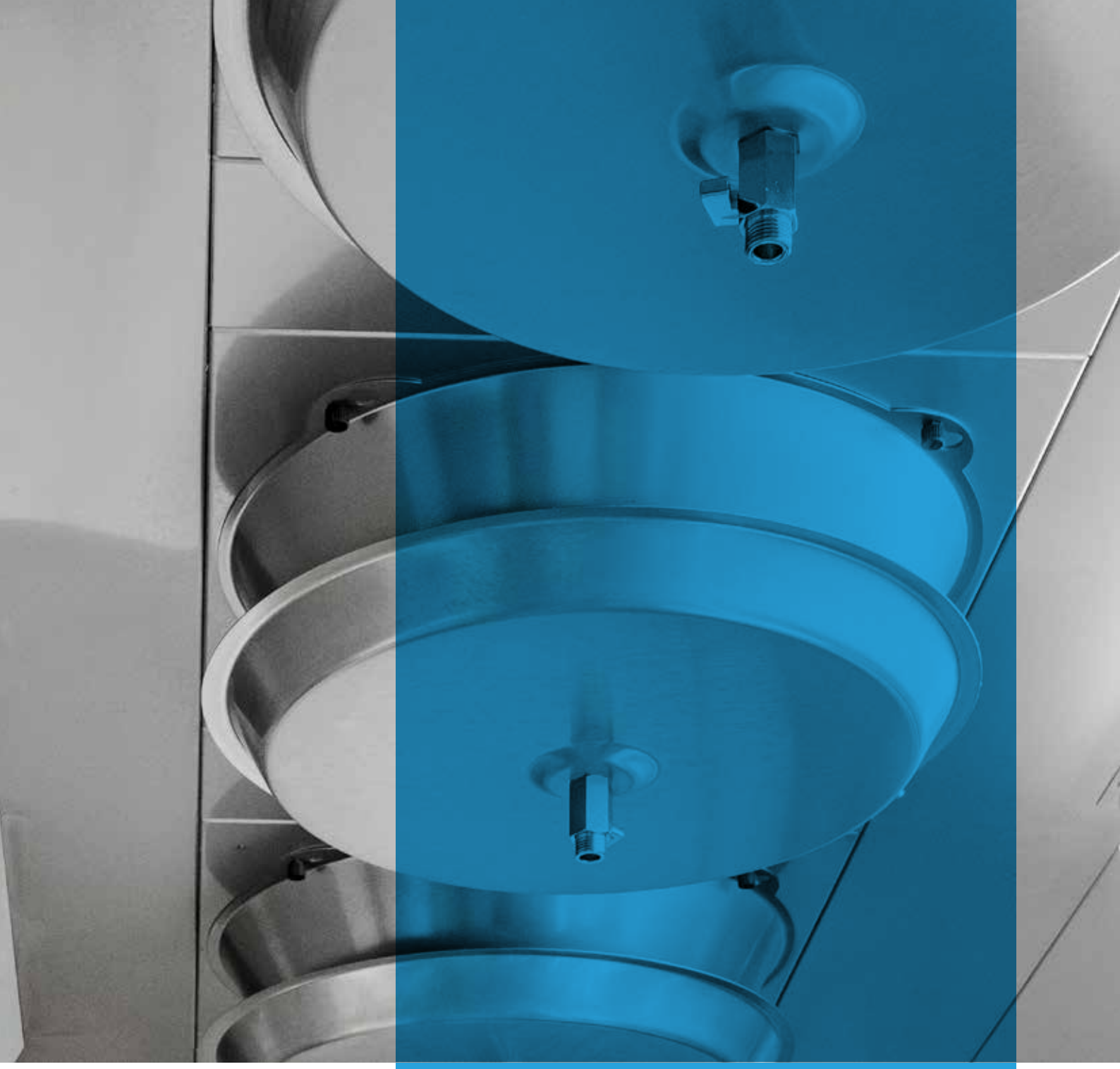

JPT - CONDENSATION SEPARATOR

Product Brochure

Jeven

Top ventilation for top chefs

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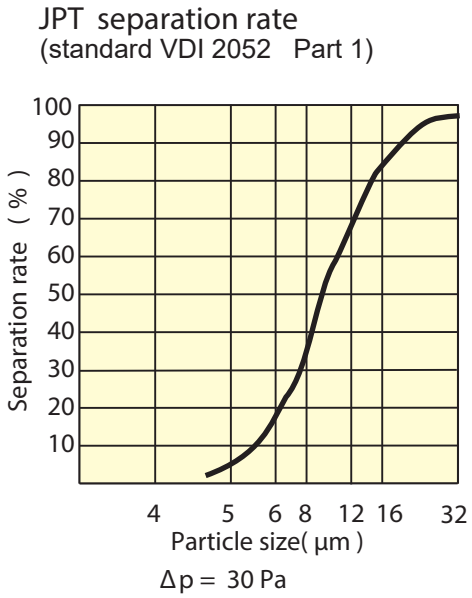
JPT Condensation separator

JPT Condensation separator is developed for hoods over dishwashers where there is a lot of water vapor. JPT acts as a maze filter and separates particles with a particle size bigger than 8 µm. JPT separates the particles into a chamber, which is then collected into the separator collection vessel. JPT is removable from the hood and can easily be cleaned in a dishwasher. The unit is equipped with adjusting dampers and a measuring tap for measuring and adjusting flow.

Suggested description text

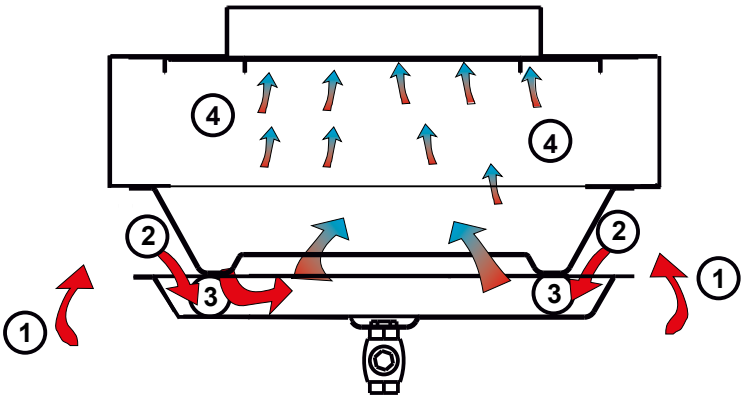
JPT- Condensation separator with a extract air connection of d=315 mm. Included damper and measuring tap. The separator is removable for cleaning in the dishwasher.

Separation rate



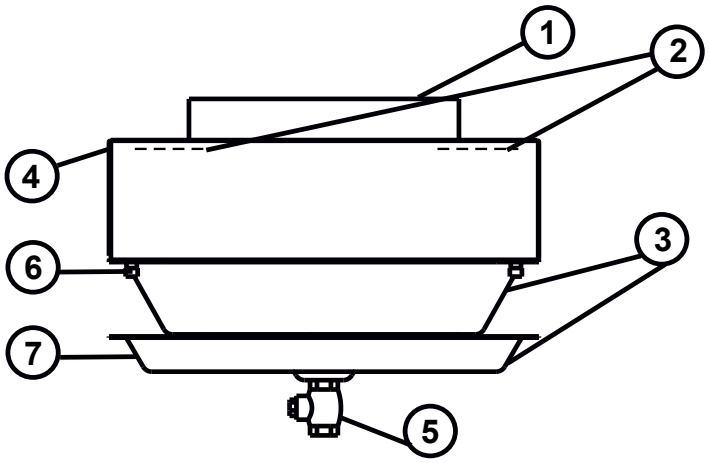
FUNCTION

1. Air with contamination are sucked into the JPT-separator.
2. In the unit increases the air velocity to 5-7m/s.
3. Larger particles (>8 µm) and water vapor by collision with the unit's surface and flown down to the bottom of the collection vessle.
4. The air sucks up towards the connected extract air duct.



CONSTRUCTION

1. Spigot Ø 315 mm
2. Balancing dampers
3. Collection vessle
4. Filter house
5. Valve for drain of condensation
6. Screw for mounting in the hood
7. Measuring tap

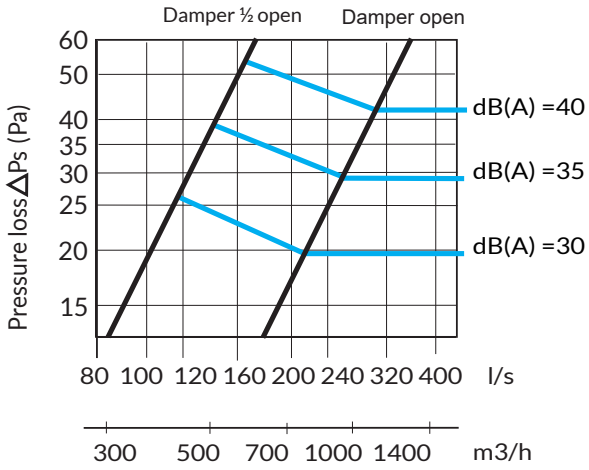


Technical data

JPT- Condensation separator

Pressure loss - flow - sound data

Pressure loss and sound data



Recommended extract airflow

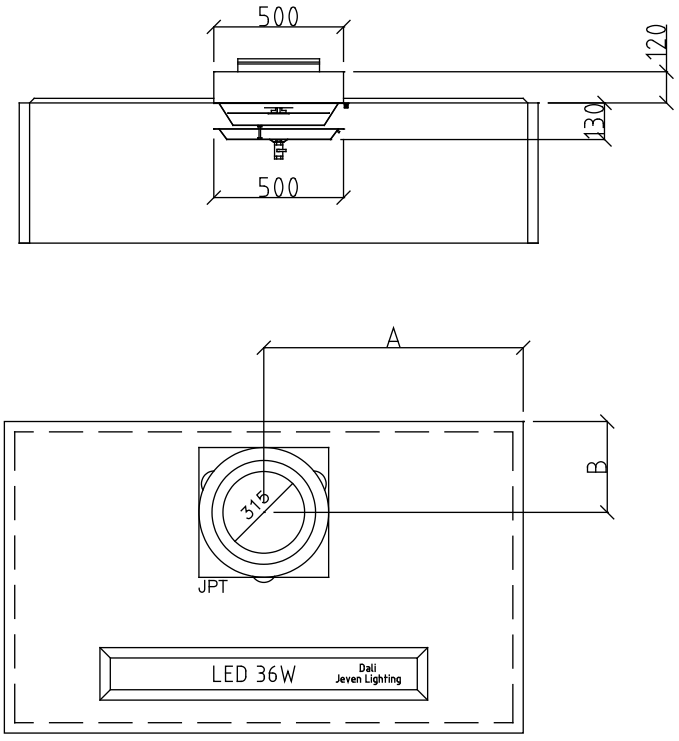
Anslutning storlek ø	Frånluftsflöde		Tryckfall
mm	l/s	m3/h	Pa
315	150-250	540-900	20-60

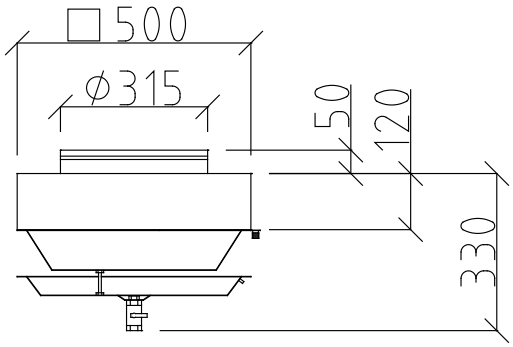
Correction factor, Kok

Hz	125	250	500	1000	2000	4000
Kok	7	-1	-5	-5	-7	-6
tol.	±3	±3	±2	±2	±3	±4

The sound power level (**Lw**) in each octave band is obtained by adding the correction factor **Kok** to the actual sound level. (**LpA**)

JPT mounted in Jeven hood



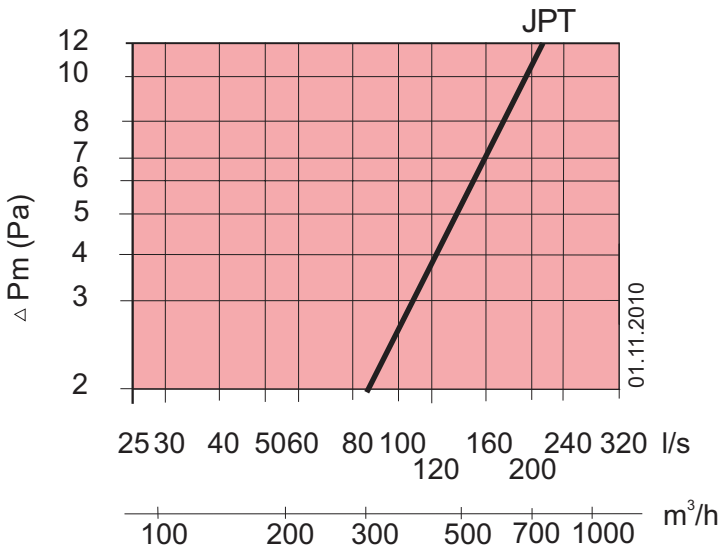


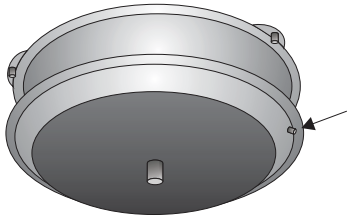
A ≥ 300 mm
B ≥ 300 mm

Technical data

JPT- Condensation separator

Measurement and adjustment of flow

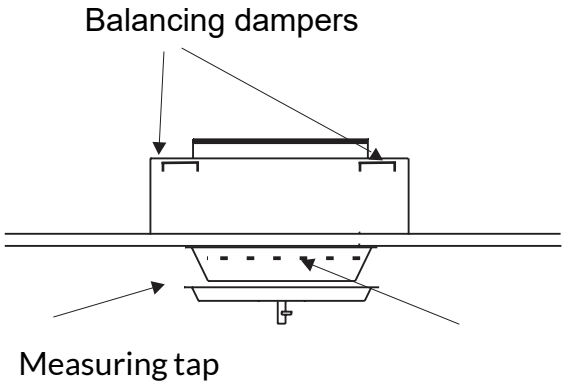




TurboSwing	K
K1(m3/h)	218
K2(l/s)	60,5

$Q = Kx\sqrt{Pm}$ $Pm = (Q/K)^2$ Pa

In each filter house there is a damper that must be fully open for adjustment. If necessary, the airflow can be adjusted by closing the damper. To adjust the damper, the condensation separator shall first be removed.



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