

Abluftreinigungsanlagen im Vergleich

Anlagentyp	Brennkammer	TNV – thermische Nachverbrennung	RNV – regenerative Nachverbrennung	Adsorptionsrad
Abluftmenge				
50.000–1.000.000 Nm ³ /h	○ ○ ○	● ○ ○	● ● ○	● ● ●
5.000–50.000 Nm ³ /h	● ● ○	● ● ●	● ● ●	● ● ○
1.000–5.000 Nm ³ /h	● ● ●	● ● ●	● ● ●	● ○ ○
VOC-Konzentration				
> 10 g/Nm ³	● ● ●	● ○ ○	● ○ ○	○ ○ ○
5–10 g/Nm ³	● ● ●	● ● ●	● ● ●	○ ○ ○
1–5 g/Nm ³	● ○ ○	● ● ○	● ● ●	● ● ○
< 1 g/Nm ³	○ ○ ○	● ○ ○	● ● ○	● ● ●
Ablufttemperatur				
> 100 °C	● ● ●	● ● ●	● ● ●	○ ○ ○
30–100 °C	● ● ●	● ● ●	● ● ●	● ○ ○
< 30 °C	● ● ●	● ● ●	● ● ●	● ● ●
Anwendung				
	○ ungeeignet	● begrenzt	● ● gut	● ● ● perfekt