

SMOKE LIGHT®



*... your solution  
for smoking-lounges*

# SmokeLight®

## Innovative concept for smoking-lounges



Does your smoking lounge smell bad after a short period of time?  
... sitting surrounded by their own smoke feeling discriminated  
against as smokers?

Our new product branded SMOKELIGHT® is solving these problems –  
2 functions in 1 product! The light is a unique design that will  
create a pleasant atmosphere for your smoking room. The highly  
efficient DuoJetStream (DJS) technology is capturing the smoke  
so that your guests and staff feel comfortable in the room and  
are not forced to breathe in high concentrations of harmful and  
smelly gases.

The innovative and flexible mounted SMOKELIGHT® was designed  
by German experts with suction and ventilation technology made  
especially for restaurants, bars, event venue and lounges taking into  
consideration the current laws and regulations of the workplaces.

Our philosophy is that smokers, as well as non-smokers, should  
feel comfortable and protected. Our goal is to have your guests  
visit your venue again!

SMOKELIGHT® helps strengthen your positive image!

# SmokeLight®

## Function and Design

Our patented **DuoJetStream (DJS)** technology ensures an efficient collection of particles, gases and odours without unpleasant air-turbulences for the user. Therefore the smoke has no chance to spread throughout the smoking lounge to adhere to any surfaces like walls or textiles. This system is fighting the problem of "cold smoke", which can be very unpleasant for smokers and staff going into the smokers' room.

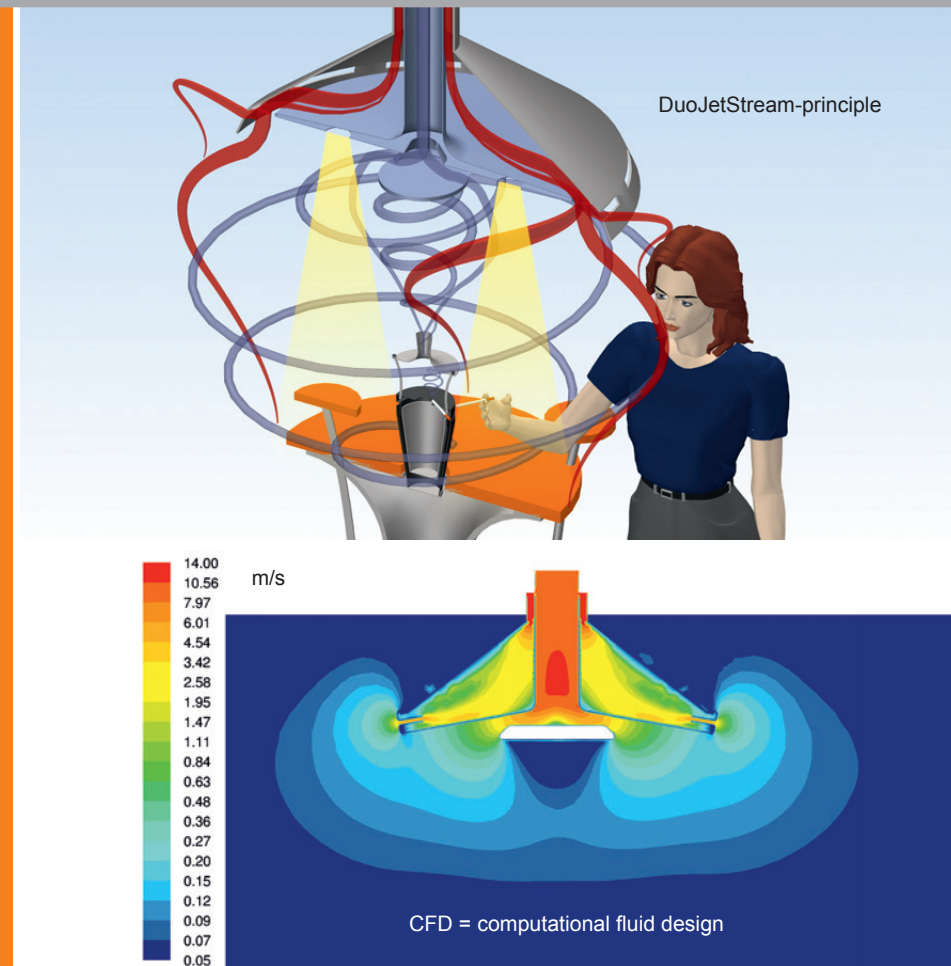
An expert opinion of a recognized independent Institute confirms the high efficiency of our patented collection device.

Hanging SMOKELIGHT® from the ceiling using the special construction provided ensures free views of others in the room which allows for a communication friendly culture.

The integrated LED light shines downward and the indirect ambi-light gives the room pleasant lighting. Furthermore, loudspeakers for sound or announcements can be integrated into the system.

Extensive sound protection measures have been taken so that the fan is no louder than 50-70 dB (A) in the smoking area.

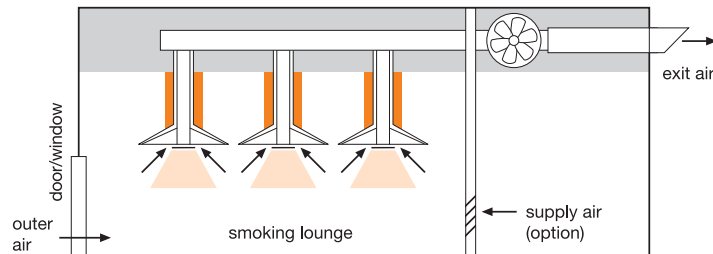
The customer will be able to customize their own SMOKELIGHT® with type of surface, print, colour, light, etc.



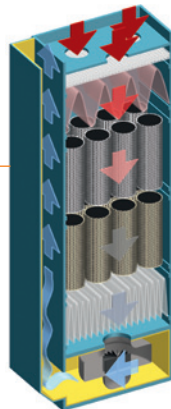
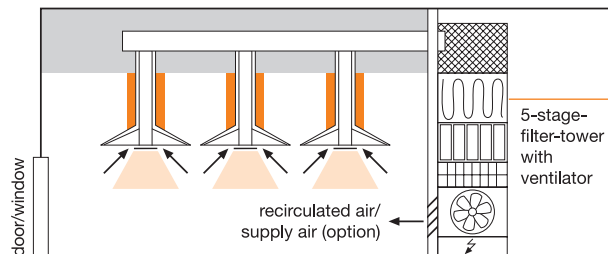
# SmokeLight®

... The solution for smoking lounges ... type SATURN  
... your choice – our concept A – B – C

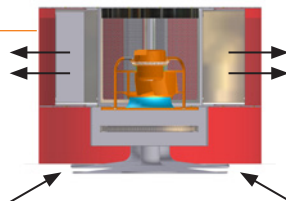
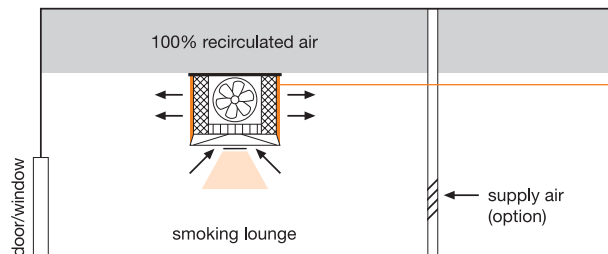
Type A: harmful, extracted air is collected and blown directly outside



Type B: harmful air is collected and sent to a multi-stage filter-tower, where it is filtered and recirculated into the room



Type C: An integrated fan + multi-layer filter collect, filter and recirculate in 1 unit



Basically we have 3 possible systems:

The harmful air can be blown unfiltered outside, or it can be filtered with a multi-stage filter and recirculated into the smokers' room.

In the 1st case (type A) SmokeLights are collecting the harmful substances, transporting it in a ducting system towards a fan and then blowing them outside. Fresh, new air needs to be brought into the room i.e. by an air conditioning system to equalize the air balance.

In the 2<sup>nd</sup> + 3<sup>rd</sup> case (type B + C) the harmful air is filtered by a multi-stage filtration unit which removes the very fine particles, odours and a wide range of unhealthy + carcinogen gases. It is our aim to provide you with filtered air that is the quality which complies with the statutory concentration levels required by your country. Type B shows one central filtration tower for 3-4 SmokeLights.

Type C shows 1 SmokeLight where the fan and the multi-stage filters are integrated and the cleaned air is recirculated directly into the room to save energy.





Coffee-Shop



Bar



Slot-machines



Smoke corner



Stand at fair

# SmokeLight®

## ... solution for events and promotion

### type EVENT



#### Mobility:

We do offer SMOKELIGHT®, type Event, as a "plug&play" solution on a platform with table and integrated ash-trays.

Each SMOKELIGHT-island can be moved from event to event and be positioned at different places. Electricity connections as well as devices on the base plate provide for simple transportation using a forklift or a lifting truck.

#### Full-Service:

Our team can deliver the Smokelight, type event, in the design required and position it. After the event we will collect and clean it. Special demands such as ads, print-ons, etc. can be fulfilled upon request.

#### Cleaning:

There is no compromise in cleaning! Our service team makes sure that before every event all components are cleaned and checked according to our high quality control.

#### Disposal:

Saturated filter stages will be recycled and disposed of as required.

#### Consulting:

Together with you we can create an individual quote which meets your special requirements. A professional consultation makes sure that your event will be a success in every way – as well as in the smoking way!



# SmokeLight®

## 1<sup>st</sup> place in comparison to column- /ceiling-systems

### Parameters:

Room-size: 20 m<sup>2</sup> x 3,00 m = 60 m<sup>3</sup>

1 table for 4 people

Number of cigarettes smoked per hour: about 16

Attendance figures: 8 persons / hours

Operating hours: 6 hr / day

### Air quality (DIN EN 13779):

Category: RAL 3 (mittlere Güte, 800 ppm CO<sub>2</sub>)

Necessary fresh air: 29 m<sup>3</sup> / h

Air exchange rate: 2,1 / hour

Interior air humidity: 50 %, Temperature: 22 °C

Criteria/Parameter	Unit	SmokeLight®	Column- air-cleaner	Ceiling- air-cleaner
Suction volume flow	cbm/h	1.000	300	200 - 550
Collection grade	%	95%	15%	20%
Number of systems required	piece	1	3	2
Room load factor	%	5	85	80
Particle filtration	class	F9 + H14	F7+H13	Elektrostat
Surface pre-filter	sqm	22	1,6	Elektrostat
Surface main filter	sqm	27	2,5	8,3
Filtration efficiency	%	99,995%	99,95	97,5
Activated carbon capture	kg	9	1,34	3,2
Aldehyde filter		yes	yes	no
Sound level	in dB(A)	50-70	52-70	49-70
Light function and sounding		yes	no	no
Fan drive (energy saving operation)		EC, frequenzgeregelt	3 levels	4 levels



Typ Octopus

Made in Germany. 

#### Our product portfolio:

- Solutions for smoking zones  
type OCTOPUS
- Solutions for smoking rooms/lounges  
type SATURN
- Solutions for events and promotions  
type EVENT

Subject to change without prior notice.  
February 2010.