

Behind each successful trip,
there is a **#HealthyHotel**



INNOVATIVE SOLUTIONS FOR HOTELS

VENTILATION - PURIFICATION - FIRE PROTECTION





“

CHOOSING A HOTEL
IS ABOVE ALL ABOUT
USING A COMFORTABLE
AND HEALTHY PLACE.

Like many people,
I am sensitive to allergies
and I'm particularly attentive
to the quality of the air that I'll be
breathing in all the places I frequent.

MARIE, ALLERGIC TO POLLEN, MAKING BUSINESS TRIPS 2 TO 3 DAYS PER WEEK.

25% of the population

suffer from respiratory allergies.*

95% of urbanites

are exposed to fine particle concentrations higher
than the WHO threshold.**

* Source: World Health Organization.

** Source: European Environment Agency report - 2012.

A man with dark, wavy hair and a beard, wearing a grey suit, white shirt, and dark tie, is looking down at a tablet computer he is holding. The background is blurred, suggesting an indoor setting like a hotel lobby.

“

OFFERING OUR GUESTS
COMFORT, WELL-BEING
AND SAFETY IS THE BEST
WELCOME WE CAN OFFER.

Today, as a manager of 3 hotels, I need to take account of all my guests' expectations, in particular those concerning the air quality, for welcoming them into a healthy and safe establishment, while controlling the energy costs and limiting the maintenance expenditure.

JEAN, HOTEL MANAGER, RESPONSIBLE FOR THE DAILY WELL-BEING AND COMFORT OF 300 GUESTS AND EMPLOYEES.

45% of hotel guests

complain about the poor quality of the indoor air.*

50% of guests

say they would be sure to return to the hotel if the air quality were improved.*

What is a #HealthyHotel?

It is Aldes' contribution to making your hotels welcoming, well-designed and comfortable places where you can breathe healthy air. It is also about helping you to manage your hotels through optimising your energy and maintenance costs.

To this end, Aldes makes available to you its full range of expertise as French market leader for air purification, pollutant removal and fire protection solutions.

With its pioneering spirit, Aldes has created innovative solutions dedicated to hotel buildings and suited to every type of need. These solutions address your regulatory constraints as well as your energy and air quality issues.


A lifetime's experience based on **2 pillars:**



Aldes Group statistics:


Sales of
€85 million


1500
employees


3 factories in France
12 worldwide


17 subsidiaries
5 R&D centres

Market sector expertise



Private
homes



Collective
housing



Hotels



Education



Offices



Health



Administration



Stores

#HealthyLiving

Aldes assists you
in creating
your **#HealthyHotel**.
From design through
to maintenance.



1 UPSTREAM SUPPORT FOR THE PROJECT

Aldes experts, per market sector, at your disposal:

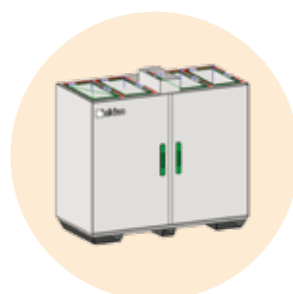
- **Commercial proximity** of the business and design managers.
- **Global technical approach** to your project.
- **Recommendations and dimensioning for your airflow system** taking account of your project requirements.

Aldes software:

- **Design:** Conceptor Ventilation.
- **Equipment selection and optimisation:** Selector VEX, Selector poWair, EXSelect.
- **3D simulation for optimising air diffusion:** Selector Koanda 3D.

Web:

- **Certificates and documentation**, download from **aldes.com**
- **BIM download platform:** **cad.aldes.com**



Aldes CAD Library



2

SUPPORT FOR INSTALLATION AND MAINTENANCE

Training:

- **Installation, maintenance and user tutorials** on the Aldes YouTube channel:
<https://lc.cx/mXPC>
- **Training centres.**
- **Virtual classrooms** and distance training.
- **Technical installation and maintenance manuals.**



Proximity of Aldes service experts:

- **On-site interventions:** commissioning, product inspection, troubleshooting, technical recommendations.
- **Spare parts.**
- **Technical assistance hotline.**

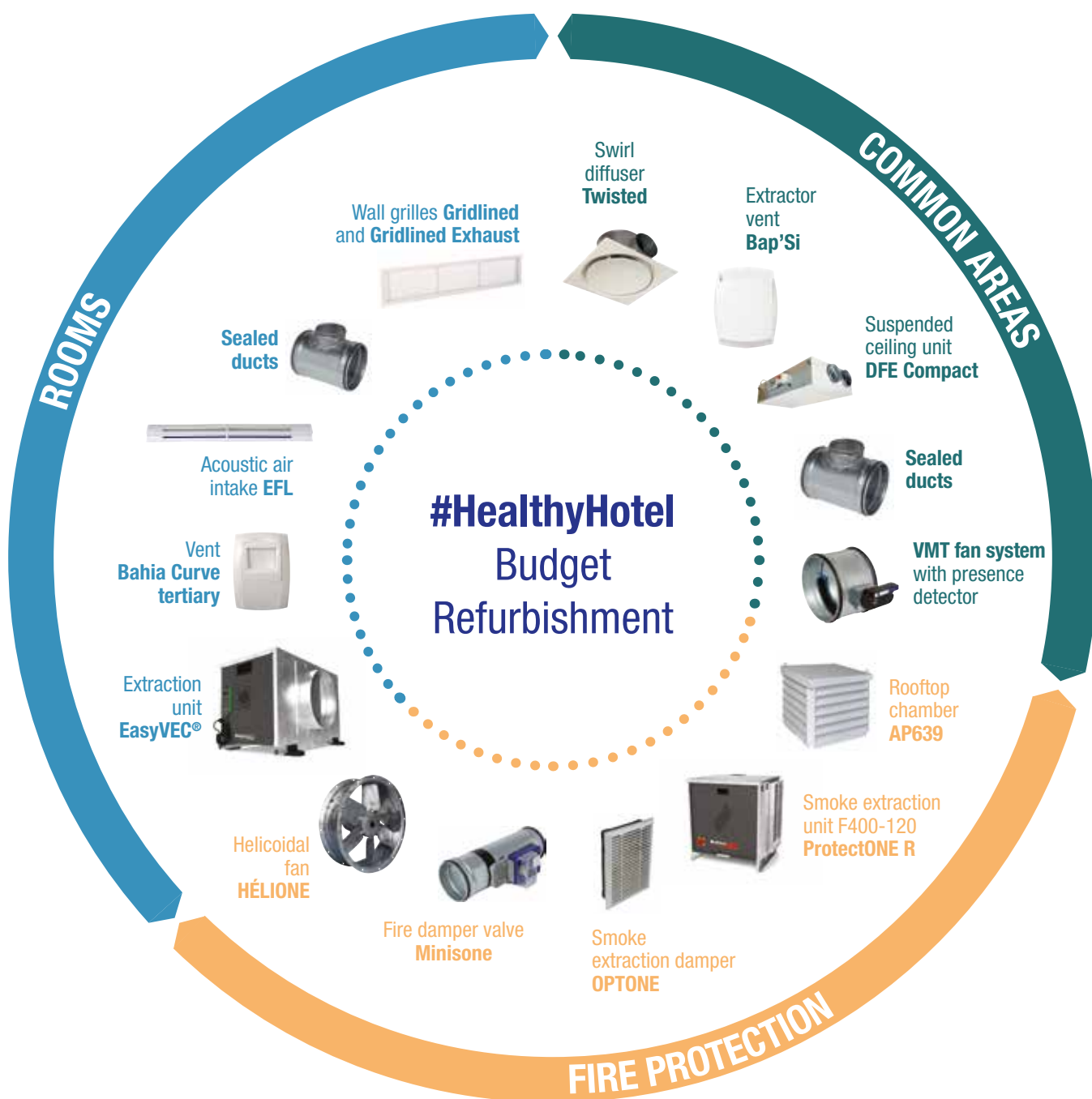


Connected products: communicating control.

BUDGET HOTELS REFURBISHMENT

YOUR PRIORITIES

- Simplifying **refurbishment**.
- Controlling **investment costs**.
- Limiting **energy expenditure**.
- Facilitating **maintenance**.



#HealthyHotel solutions

Single-flow humidity-controlled ventilation

PLUS-

Humidity-controlled ventilation: a smart solution that automatically adapts to the humidity level to limit the energy expenditure linked to air renewal.

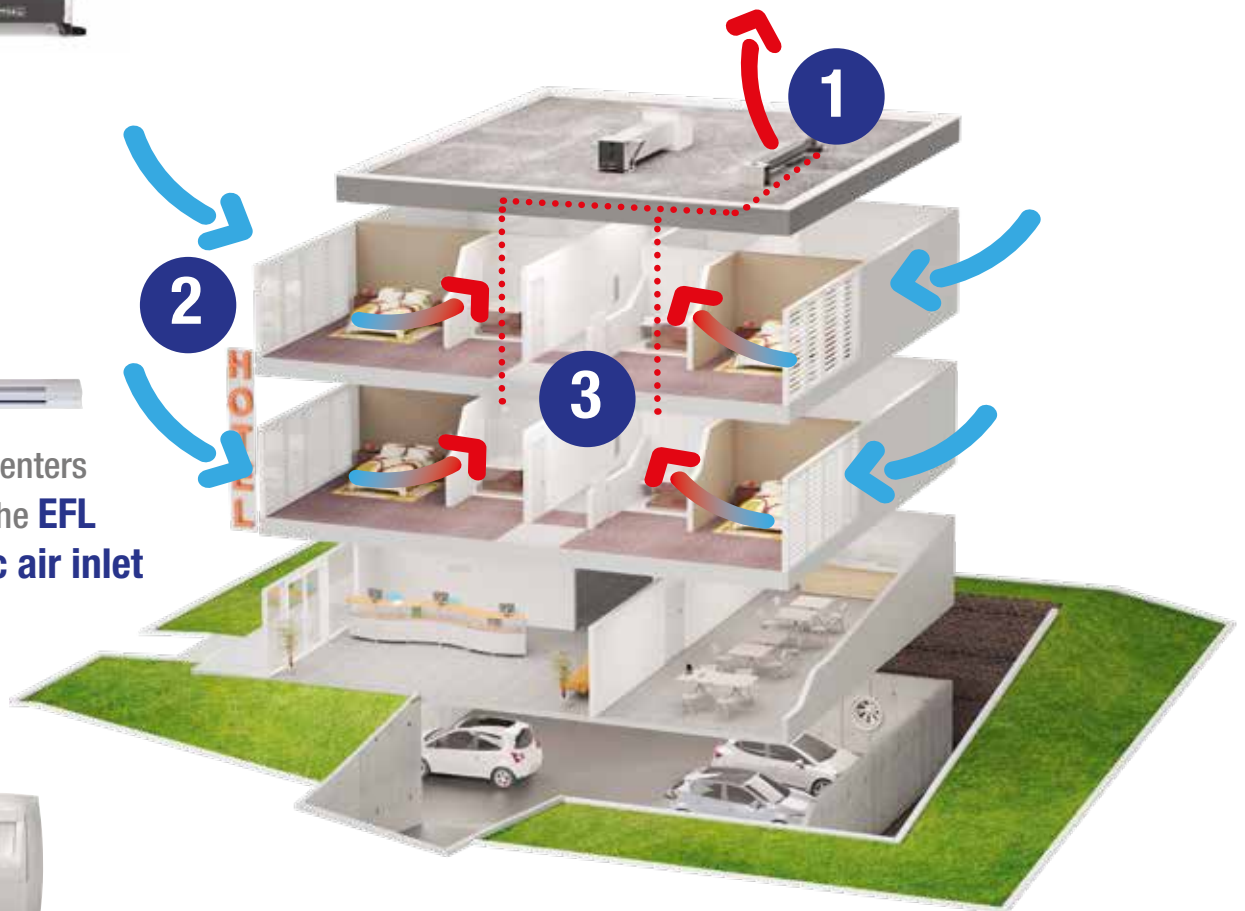
- **Energy gain:** modulated airflow and fan with very low consumption from extraction unit.
- **Savings on installation and maintenance:** remote control or single-flow extraction unit screen make configuration fast and easy on-site.
- **Facilitated refurbishment:** the air vents and inlets are installed in place of the existing ones. They need no adjustment and no electric power. The units are modular and can be adapted to the configuration of your hotel building.



- 1 Ventilation takes place via **EasyVEC® Micro-Watt +**, for greater savings, with the extraction unit varying its speed according to the total flow rate of the airflow network..



- 2 Fresh air enters through the **EFL acoustic air inlet hatches**.

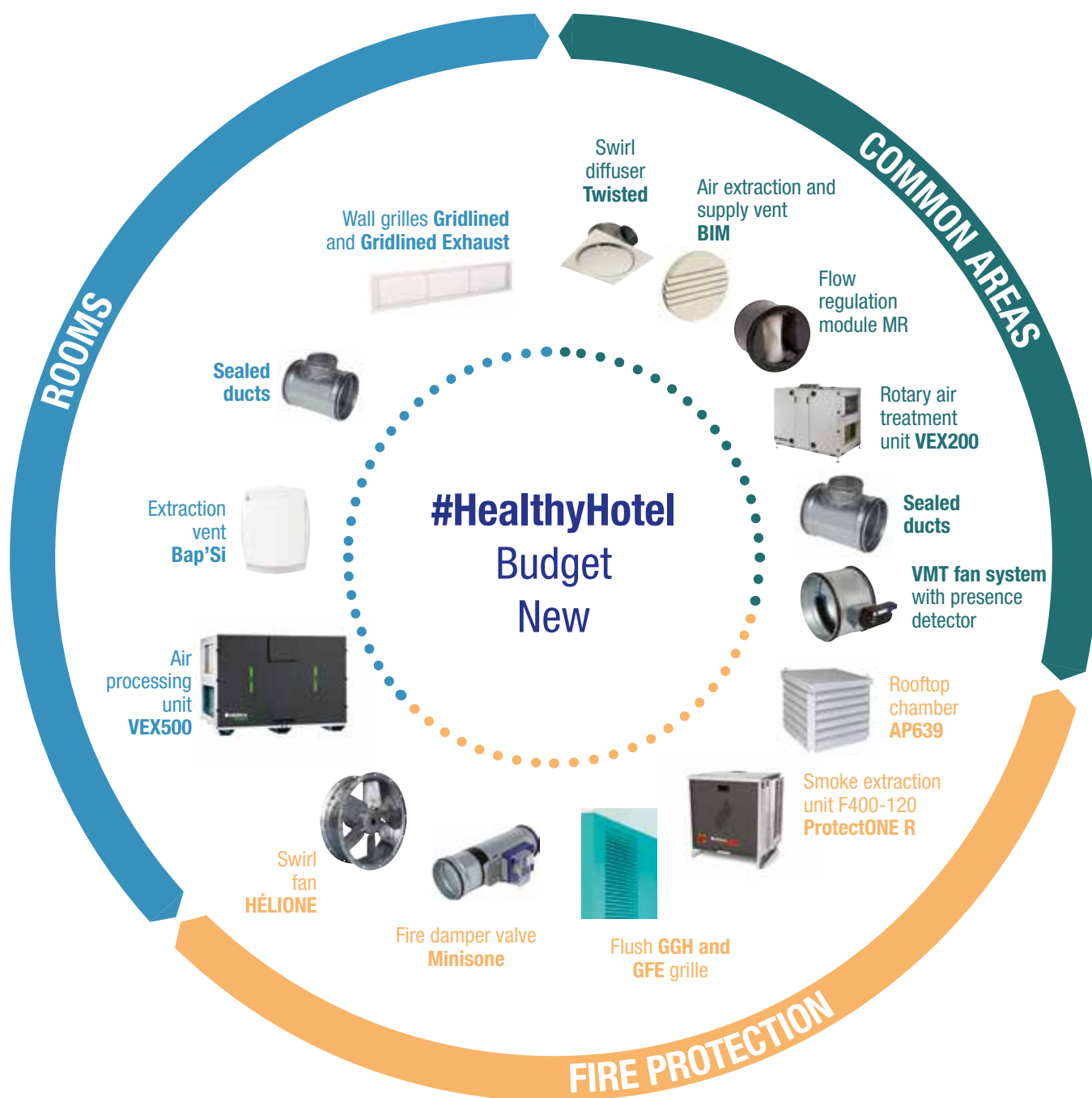


- 3 The polluted air is evacuated via the **Bahia Curve vents** in the bathrooms. Equipped with a humidity detector, the vents cause the extracted airflow rate to vary.

BUDGET HOTELS NEW

YOUR PRIORITIES

- Guaranteeing **good air quality**.
- Making **energy savings**.
- Reducing **maintenance costs**.
- Optimising the **comfort of the guests**.



#HealthyHotel solutions

Dual-flow air treatment

PLUS-POINTS

Dual-flow air treatment: solution enabling the intake air to be filtered and treated in hot and cold mode for recovering the energy from the extracted air.

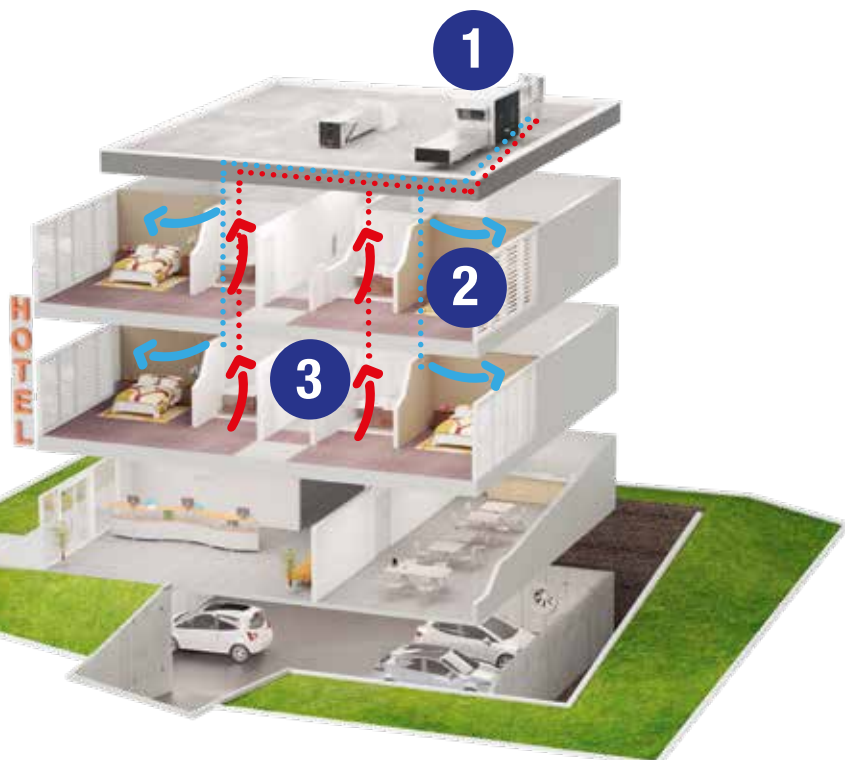
- **Indoor air quality:** filtration performance of the air processing unit according to the state of the outdoor air, for meeting the requirements of EN 13779, and plate exchanger with no risk of mixing unpleasant odours.
- **Energy gain:** up to 95% energy recovery from the exchanger and clock function for dual-flow air treatment unit regulation.
- **Comfort of guests:** ceiling effect air supply and sizing of diffusion grilles to guarantee thermal and acoustic comfort in the room.



- 1** Extraction of stale air and injection of fresh filtered air by **VEX500**. The purified fresh air is also pretreated hot and cold by recovery via the high-yield, Eurovent-certified exchanger.



- 2** The air is diffused by **Gridline Wall**, an air intake wall grille with fixed, upward-sloping slats to provide the Coanda effect. Its dimensions make it possible to obtain an acoustic level below NR20.

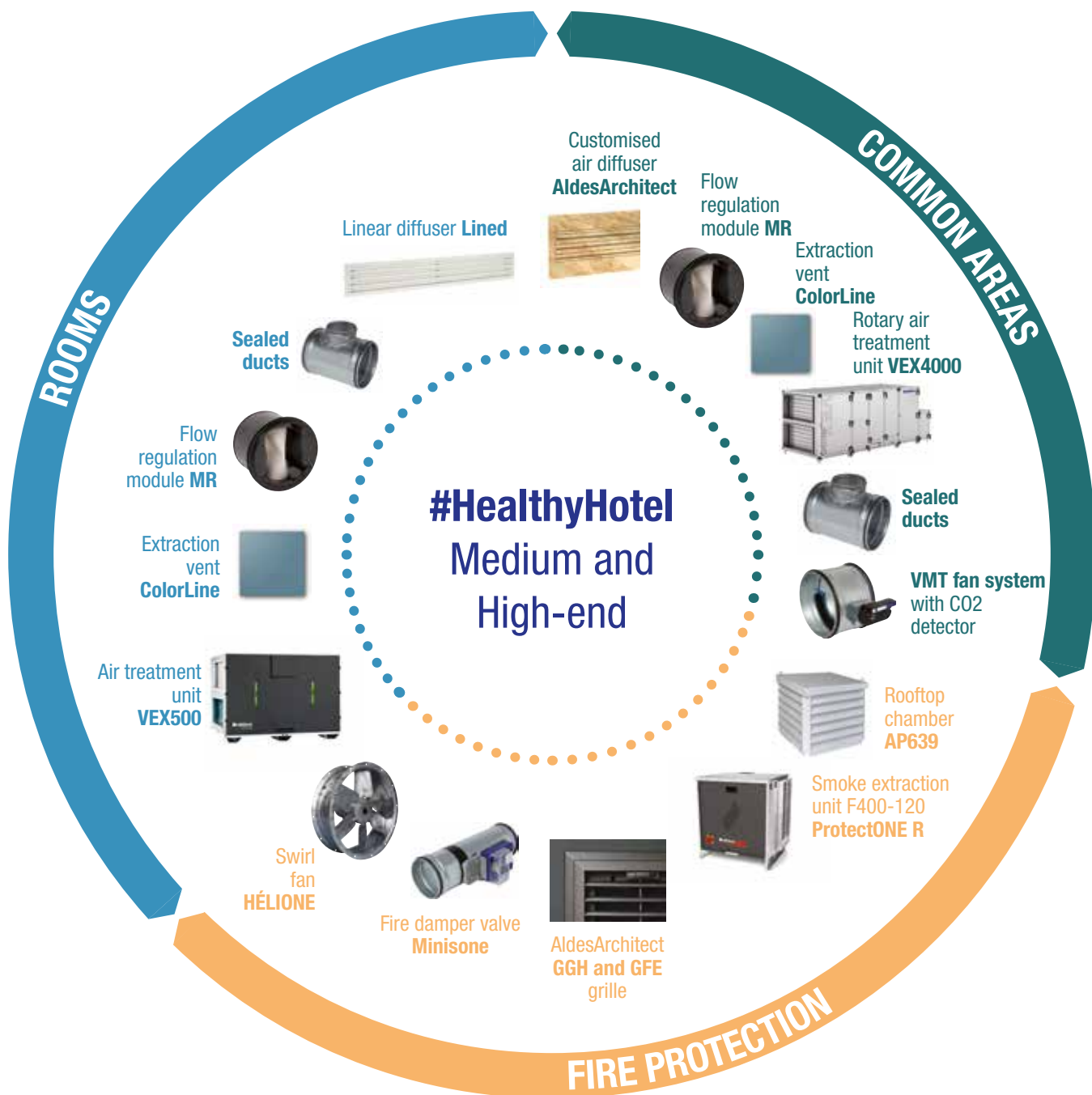


- 3** The polluted air is evacuated from the bathroom by the **Bap'SI** vent. Its elegant design and facade grille enable its easy integration in wall or ceiling. The front panel is removable for facilitating maintenance.

MIDDLE AND HIGH-END HOTELS NEW AND REFURBISHMENT

YOUR PRIORITIES

- Facilitating architectural **design and integration**.
- Proposing particularly **quiet** solutions.
- **Adapting** to all configurations of premises.
- Optimising **power consumption** and the **quality of the indoor air**.



#HealthyHotel solutions

Modular air treatment, made-to-measure diffusers and grilles

PLUS-POINTS

Perfect architectural integration: the made-to-measure grilles and diffusers precisely match the design, colour and dimensions to fit seamlessly into the project. The full range of air treatment units can be adapted to all configurations of premises.

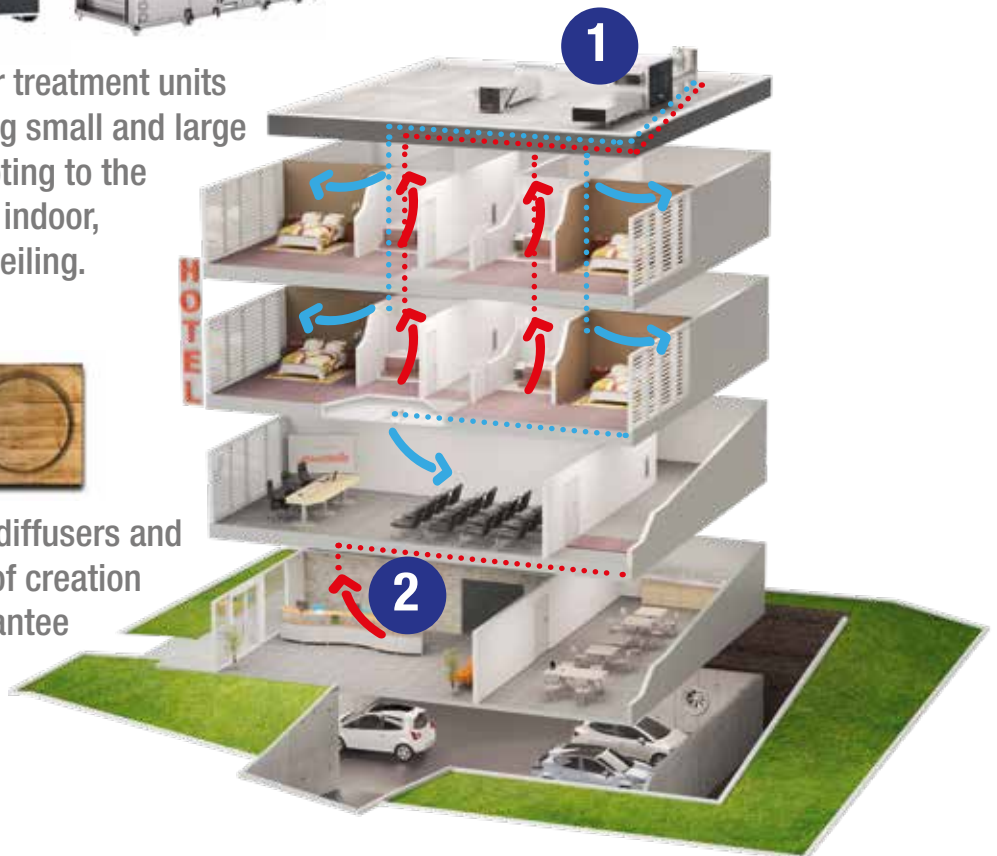
- **Indoor air quality:** increased flow of treated air and filtration performance of the air treatment units, according to the state of the outdoor air, to meet the requirements of EN 13779.
- **Energy gain:** energy recovery from the exchangers and clock function for dual-flow air treatment unit regulation. Flow modulation with CO₂ sensor makes it possible to adapt the airflow according to occupation, for reception premises and meeting rooms.
- **Comfort of guests:** ceiling effect air supply and sizing of diffusion grilles to guarantee thermal and acoustic comfort in the room.



- 1** **VEX**, a wide range of air treatment units for treating and purifying small and large air volumes, while adapting to the installation constraints: indoor, outdoor or suspended ceiling.



- 2** The **AldesArchitect**® diffusers and grilles offer a universe of creation without limits and guarantee perfect integration with the internal decor of the hotel.

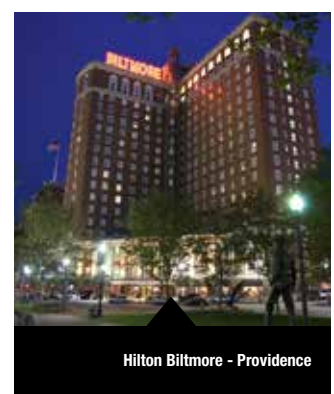
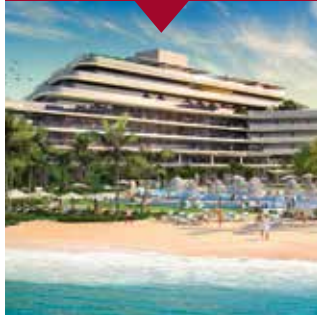


References around the world.

Marriott - Texas Medical Center - Houston



W Hotel - Dubai



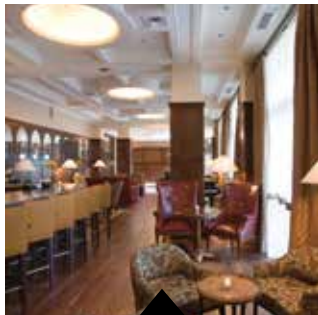
Hilton Biltmore - Providence



Marriott Brooklyn Bridge - New York



Hilton - Houston



Hilton Franklin Hotel - New York



B&B Hotel Lyon Centre Perrache Berthelot

Golden Hotel Kuala Lumpur



Hotel Mandarin - London



Rove Hotel - Dubai



Aldes partner of B&B Hotels



HOTELS

Aldes partner of OKKO HOTELS



Hotel Kempinski - Mascate



Four Seasons Resort Nevis, Charlestown

Specialised teams at your side.

At your disposal to understand your needs and offer you the ALDES solutions suited to your requirements, the ALDES business and design managers will support you and optimise the success of your projects around the world.

FRANCE

Ile-de-France Nord-Normandie region

59 • Lille 02 - 59 - 62 - 80

ZA du Grand Logis - rue Jean Monnet Lompret
59840 PERENCHIES
Tel. 03 20 22 40 42 - Fax 03 20 22 28 79

76 • Rouen 14 - 27 - 50 - 61 - 76

ZI Parc de la Basse-Seine - rue de la Grande Épine
BP 553 - 76808 SAINT ETIENNE DU ROUVRAY Cedex
Tel. 02 32 19 50 50 - Fax 02 35 61 05 73

93 • La Courneuve 60 - 75 - 92 - 93 - 95

75, rue du Rateau - Bât C5
93127 LA COURNEUVE Cedex
Tel. 01 43 11 10 10 - Fax 01 48 36 14 72

94 • Vitry-sur-Seine 77 - 78 - 91 - 94

19, quai Jules Guesde
94400 VITRY
Tel. 01 43 91 65 65 - Fax 01 43 91 48 89

West-Centre region

35 • Rennes 22 - 29 - 35 - 53

9 rue de Montigné - Parc d'activité Ouest
35132 VEZIN LE COQUET
Tel. 02 99 14 51 60 - Fax 02 99 14 57 92

37 • Tours 18 - 28 - 36 - 37 - 41 - 45 - 72 - 79 - 86

27, rue du Colombier
37700 SAINT PIERRE DES CORPS
Tel. 02 47 63 15 15 - Fax 02 47 32 08 23

44 • Nantes 44 - 49 - 56 - 85

12, rue Jean Palach - ZAC de la Lorie - BP 80405
44819 SAINT HERBLAIN Cedex
Tel. 02 40 92 15 10 - Fax 02 40 92 14 27

South-West region

33 • Bordeaux 09 - 12 - 16 - 17 - 19 - 23 - 24 - 31

32 - 33 - 40 - 46 - 47 - 64 - 65 - 81 - 82 - 87
22, avenue Gustave Eiffel
33700 MÉRIGNAC
Tel. 05 56 34 28 79 - Fax 05 56 34 34 25

Germany

Mainzer Straße 43
D-55411 Bingen am Rhein
Tel. +49 06721 - 9178111
info@exhausto.de

Belgium

Rue Jean Verkruids 60
B-4681 Hermaille s/Argenteau
Tel. +32 2725 1380

Canada

100 rue Carter - Saint-Léonard d'Aston
(Québec) Canada - J0C 1M0
Tel. +1 800 262 0916
<http://aldes.ca/contactez-nous>

China

Number 38 - Lane 965 - Xiangjiang Road
Nanxiang Town - Shanghai PR China - 201802
Tel. +86 21 51696116
info@aldeschina.com

Denmark

Odensevej 76
DK 5550 Langeskov
Tel. +45 65 66 12 34
salgdk@exhausto.dk

Spain

Poligono Industrial - C/Puerto Pajares, 1
28919 Leganes
Tel. +34 91 428 20 12

East region

21 • Dijon 21 - 25 - 39 - 58 - 70 - 71 - 89 - 90

10, rue Joseph Jacquard
21300 CHENOVE
Tel. 03 80 52 38 74 - Fax 03 80 52 35 85

54 • Nancy 54 - 55 - 57 - 88 (South-West)

ZI 55, impasse Henri Becquerel
54710 LUDRES
Tel. 03 83 25 79 79 - Fax 03 83 25 78 81

67 • Strasbourg 08 - 10 - 51 - 52 - 67 - 68 - 88 (North-East)

13, rue du port du Rhin - BP 18
67016 STRASBOURG
Tel. 03 88 60 13 10 - Fax 03 88 61 54 10

Rhône-Alpes Auvergne region

38 • Grenoble 38 - 73 - 74

ZAC des Ruires - Secteur A - 1 rue Irène Joliot Curie
38320 EYBENS
Tel. 04 76 14 74 50 - Fax 04 76 25 26 33

63 • Clermont-Ferrand 03 - 15 - 42 - 43 - 63

ZI du Brézet Est - rue Pierre Boulanger
63100 CLERMONT FERRAND
Tel. 04 73 74 68 00 - Fax 04 73 90 48 67

69 • Lyon

50, rue Jean Zay - Multi parc de Parilly - Bâtiment K
69800 SAINT-PRIEST

Rhône branch - 69

Tel. 78 (0)4 78 78 89 89 - Fax +33 (0)4 78 33 89 80

Ain - Vallée du Rhône branch - 01 - 07 - 26

Tel. 78 (0)4 78 78 88 66 - Fax +33 (0)4 78 33 88 60

Occitanie PACA region

06 • Nice 04 - 05 - 06 - 83 (est) - 2A - 2B

ZI Les 3 Moulins - route des Cistes - BP 164
Euro 95 - Bât B - 06603 ANTIBES
Tel. 04 97 21 28 10 - Fax 04 93 33 19 13

13 • Marseille 13 - 83 (West) - 84

ZI Les Paluds II - 507, avenue des Paluds
13400 AUBAGNE
Tel. 04 42 62 80 20 - Fax 04 42 62 80 29

34 • Montpellier 11 - 30 - 34 - 48 - 66

ZAC Garosud - 96, rue Mehdi Ben Barka
34070 MONTPELLIER
Tel. 04 67 42 16 16 - Fax 04 67 69 03 65

United States

4521 19th St. Ct. E. - Suite 104
Bradenton - FL 34203
Tel. +1 941 351 3441
info@americanaldes.com
& <https://www.aldes.us/contact>

Mauritius

Montebello Les pailles
Tel. +230 286 77 62
<https://www.aldes.re/fr/contact/>

Réunion

15, rue du Maine - 97490 Sainte Clotilde
Tel.: (+262) 0262 97 96 81

Italy

Via Gran Bretagna, 35
41122 Modena (MO)
Tel. +39 059 492 3211

Norway

Industriveien 25
N - 2020 Skedsmokorset
Tel. +47 63 87 07 70
firmapost@exhausto.no

Gulf States

GCC HQ: PO Box 8653/SAIF
Zone Sharjah - United Arab Emirates
Tel. +971 6 5578285
<https://www.aldes.ae/contact/>

Sweden

Östra Hindbyvägen 26B
SE-213 74 Malmö
Tel. +46 (0)10-211 7100
info@exhausto.se

Europe Direct Sales

Tel. +33 4 78 77 15 34
aldes_international@aldes.com



INTERNATIONAL



To find out more about our solutions,
contact your Aldes sales advisor or visit aldes.com,
or find us on    

