

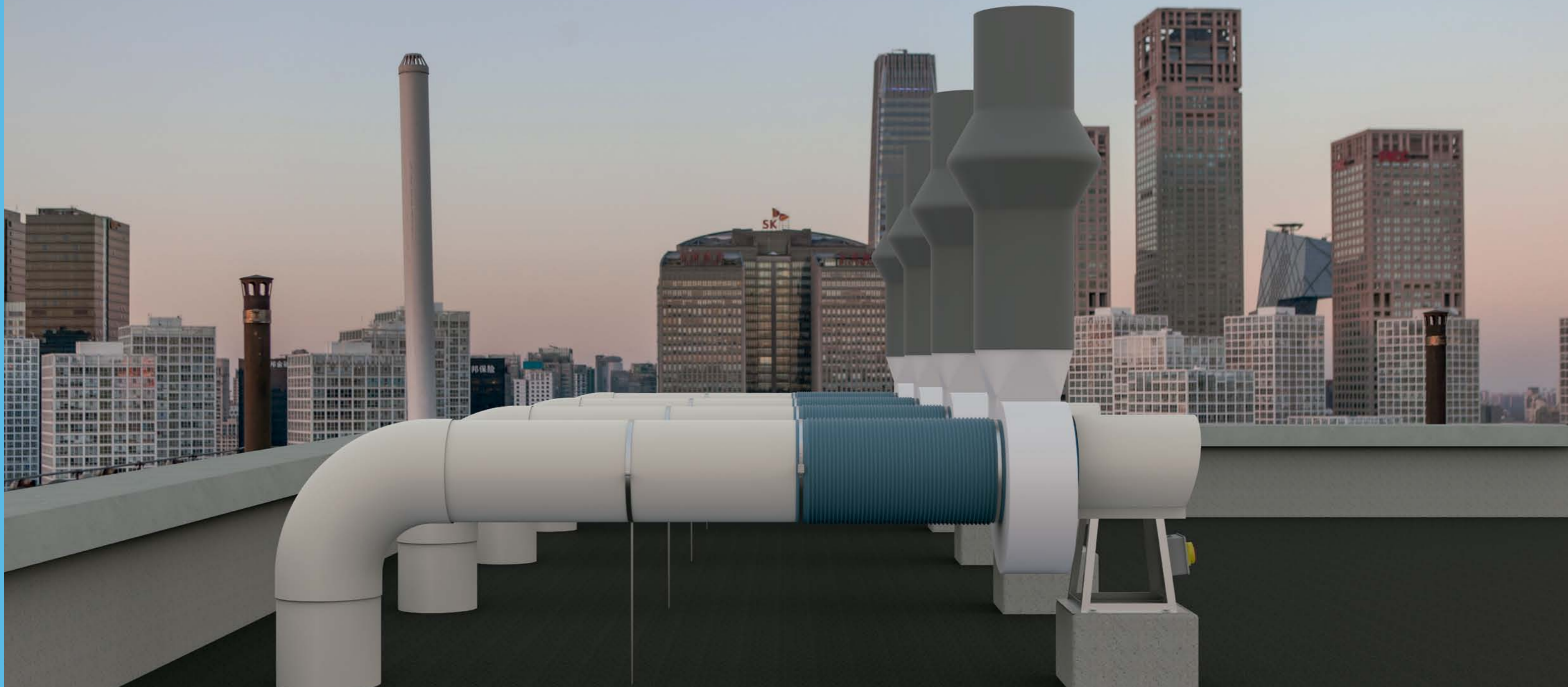
# VENTILATORS

VENTILADORES

VENTILATEURS

# VENTILATION

VENTILADORES  
VENTILATEURS



## VENTILATION

As a company specialized in the laboratory area and extractions systems, in this last chapter, Industrial Laborum presents its options of ventiladores for its extraction solutions.

As you would expect there is no ventilator recommended for a fume hood, since everything is dependent due to various issues, among them the distance of tubing that the extracted air will have to go through, as well as whether the ventilator is inside the building or in the exterior of the building, as well as many others. For this reason Industrial Laborum has a specialized team that can advise and design the entire extraction system of Industrial Laborum equipment.

Here are several recommended and certified fans for use in laboratories, made entirely of polypropylene, there for resistant to many chemicals. For Atex environments there are also solutions of fans with ATEX designation available in all formats according to request.

## VENTILADORES

Como empresa especializada na área laboratorial e de extrações neste último capítulo a Industrial Laborum apresenta as suas opções de ventiladores para as suas soluções de extração.

Como seria de esperar não existe um ventilador aconselhado para uma hotte específica, uma vez que tudo está dependente de múltiplas variáveis, entre elas a distancia de tubagem que o ar extraído terá que percorrer, bem como se o ventilador fica no interior do edifício ou no exterior, assim como muitas outras. Por essa razão a Industrial Laborum tem uma equipa especializada que poderá aconselhar e desenhar todo o sistema de extração dos equipamentos da Industrial Laborum.

Aqui são apresentados vários ventiladores recomendados e certificados para uso em laboratórios, integralmente feitos em polipropileno, é resistente aos demais químicos. Para ambientes Atex existem também soluções de ventiladores com designação ATEX disponíveis em todos os formatos segundo pedido.

## VENTILATEURS

En tant que société spécialisée dans le domaine des laboratoires et des systèmes d'extraction, Industrial Laborum présente dans ce dernier chapitre ses options de ventilation pour ses solutions d'extraction.

Comme c'est évident, aucun ventilateur n'est recommandé pour une sorbonne, car tout dépend de différents problèmes, parmi lesquels la distance entre les tubes que l'air extrait doit traverser, ainsi que le fait que le ventilateur soit à l'intérieur du bâtiment ou à l'extérieur du bâtiment, ainsi que de nombreux autres. C'est pourquoi Industrial Laborum dispose d'une équipe spécialisée qui peut conseiller et concevoir l'ensemble du système d'extraction des équipements d'Industrial Laborum.

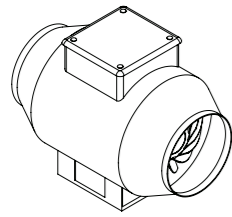
Voici plusieurs ventilateurs recommandés et certifiés pour une utilisation en laboratoire, entièrement en polypropylène, résistants à nombreux produits chimiques. Pour les ambiances Atex, il existe également des solutions de ventilateurs avec désignation ATEX disponibles dans tous les formats en fonction de la demande.

# MODELS AND CODIFICATION

MODELOS E CODIFICAÇÃO  
MODÈLES ET CODIFICATION

## In-line

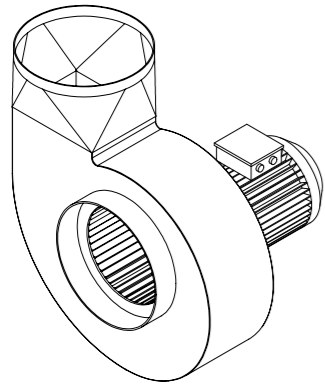
Em linha  
En ligne



Model Modelo Modèle	Max./min. rpm Máx./mín. rpm	Power supply voltage Tensão alimentação Tension d'alimentation	Power supply Potência Alimentation électrique	Max./min. flow m <sup>3</sup> /h Máx./mín. caudal m <sup>3</sup> /h Max./min. couler m <sup>3</sup> /h	Cod.
100 VO	1520/2030	220/240V	23 W	180/255	033-4563
125 VO	1570/2140	220/240V	33 W	250/365	033-1035
160 VO	1580/2100	220/240V	58 W	385/550	033-1343
200 VO	1580/2140	220/240V	145 W	790/1060	033-5212
250 VO	1900/2140	220/240V	180 W	990/1350	033-5408
125 T VO	1570/2140	220/240V	33 W	250/365	033-6493
200 Q VO	1780/2740	220/240V	45 W	700/950	033-6494
250 Q VO	1850/2550	220/240V	85 W	720/990	033-6912

## Exterior Fan

Ventilador exterior  
Ventilateur extérieur



Model* Modelo* Modèle*	Max./min. rpm Máx./mín. rpm	Power supply voltage Tensão alimentação Tension d'alimentation	Power supply Potência Alimentation électrique	Max./min. flow m <sup>3</sup> /h Máx./mín. caudal m <sup>3</sup> /h Max./min. couler m <sup>3</sup> /h	Cod.
VSB14	1450	230V	0.18 kW	100/250	178-0001
VSB14	1450	400V	0.18 kW	100/250	178-0011
VSB14	2900	400V	0.18 kW	150/450	178-0015
15	950	230/400V	0.18 kW	100/700	033-5540
15	1400	230/400V	0.25 kW	100/700	033-5541
15	2800	230/400V	0.37 kW	100/700	033-5542
15	1400	230V	0.25 kW	100/700	033-5558
15	2800	230V	0.37 kW	100/700	033-5559
VSB20	1450	230V	0.18 kW	600/950	178-0002
VSB20	1450	400V	0.18 kW	600/950	178-0012
VSB20	2900	400V	1.10 kW	1100/1600	178-0016
VSB20	2900	230V	1.10 kW	1100/1600	178-0019
20	950	230/400V	0.18 kW	300/1600	033-5543
20	1400	230/400V	0.25 kW	300/1600	033-5544
20	2800	230/400V	0.75 kW	300/1600	033-5545
20	2800	230/400V	1.10 kW	300/1600	033-5546
20	1400	230V	0.25 kW	300/1600	033-5560
20	2800	230V	0.75 kW	300/1600	033-5561
VSB25	1450	230V	0.55 kW	1100/2200	178-0003
VSB25	1450	400V	0.55 kW	1100/2200	178-0013
VSB25	2900	400V	2.20 kW	1800/2200	178-0017
VSB25	2900	230V	2.20 kW	1800/2200	178-0020
25	950	230/400V	0.18 kW	500/2500	033-5547
25	1400	230/400V	0.37 kW	500/2500	033-5548
25	2800	230/400V	2.20 kW	500/2500	033-5549
25	2800	230/400V	1.50 kW	500/2500	033-5550
25	2800	230/400V	3.00 kW	500/2500	033-5551
25	1400	230V	0.37 kW	500/2500	033-5562
30	950	230/400V	0.55 kW	1000/4500	033-5552
30	1400	230/400V	1.10 kW	1000/4500	033-5553
30	1400	230V	1.10 kW	1000/4500	033-5563
VSB35	1450	400V	3.00 kW	3000/6000	178-0018
35	750	230/400V	1.50 kW	2000/9000	033-5554
35	950	230/400V	2.20 kW	2000/9000	033-5555
35	1400	230/400V	4.00 kW	2000/9000	033-5556
35	1400	230/400V	5.50 kW	2000/9000	033-5557

\*All models can have protection for ATEX environment  
\*Todos os modelos podem ter proteção para ambiente ATEX  
\*Tous les modèles peuvent avoir une protection pour l'environnement ATEX

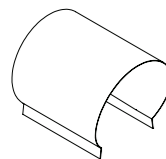


## Extras for exterior fan

Extras para ventilador de exterior  
Extras pour le ventilateur extérieur

### Motor protection

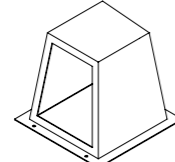
Proteção de motor  
Protection du moteur



VSB20 // Cod. **178-3002**  
VSB25 // Cod. **178-3003**  
VSB35 // Cod. **178-3003**

### Motor support

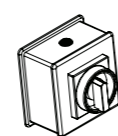
Suporte de motor  
Support du moteur



VSB20 // Cod. **178-2001**  
VSB25 // Cod. **178-2002**  
20 // Cod. **178-2003**  
25 // Cod. **178-2004**  
L // Cod. **178-2011**

### Emergency button + box

Botão de emergência + caixa  
Bouton d'urgence + boîte



XXX // Cod. **178-1001**  
230V // Cod. **178-1002**





iberica

# Industrial Laborum

lab integrated systems

**sede**  
Rua Alfredo Cunha, nº155, Loja 34  
4450-023 Matosinhos  
Portugal

**instalações fabris**  
Sobreiro Torro, Branca - Apt. 187  
3854-909 Albergaria-a-Velha  
Portugal

**delegação comercial**  
Rua Professor Memâni Cidade 11b  
1600-631 Lisboa , Portugal

T +351 234 529 500  
F +351 234 525 263

[www.industriallaborum.com](http://www.industriallaborum.com)