WALDNER Laboratory Technology

WALDNER
Firmengruppe

WALDNER Accessories for Laboratories and Schools

CERTIFICATE

TÜV
MANAGEMENT SERVICE

The Certification Body
of TÜV Management Service GmbH

certifies that

Waldner Laboreinrichtungen GmbH & Co. KG
Haidösch 1, D-88239 Wangen

Niederlassung Süd   Niederlassung Mitte/West   Niederlassung Nord/Ost
Heidösch 1   Zeppelinstraße 16   Georgenstraße 35
D-88239 Wangen   D-64625 Bensheim   D-10117 Berlin

has established
and applies a Quality System for

Sales, Development/Construction, Project Planning,
Production, Dispatch and Installation of Laboratory Furniture

An audit was performed, Report No. 70020755

Proof has been furnished that the requirements
according to

DIN EN ISO 9001 :2000

are fulfilled. The certificate is valid until December 2005

Certificate Registration No. **12 100 17842 TMS**

Munich, 2002-12-13

Certification Body
of TÜV Management Service GmbH
Unternehmensgruppe TÜV Süddeutschland

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**Details: Dimensions given in millimetre
(width x depth x height).
Technical alterations reserved.**

Contents

WALDNER Contents

Contents

1.1

*) 80001524

Shelf, extensible

suitable for:	hanging cabinets instrument cabinets underbench units	
material:	19 mm thick coated particle board, from a width of 845 mm, 19 mm thick OSB board	
loading capacity:	30 kg	
drawer:	the roller guide coating is not chocked and is epoxy resin powder coated	
information:	**all shelves are delivered complete with pins and pegs**	

width exterior dimension	depth exterior dimension	order no.
450 mm	500 mm	80006497
545 mm	500 mm	80006498
600 mm	500 mm	80006499
845 mm	500 mm	80006500
900 mm	500 mm	80006501
1145 mm	500 mm	80006502
1200 mm	500 mm	80006503
450 mm	650 mm	80006504
545 mm	650 mm	80006505
600 mm	650 mm	80006506 *)
845 mm	650 mm	80006507
900 mm	650 mm	80006508
1145 mm	650 mm	80006509
1200 mm	650 mm	80006510

*) 80006506

Shelf

suitable for:	hanging cabinets instrument cabinets underbench units	
material:	19 mm thick particle board, coated on both sides, from a width of 845 mm, 19 mm thick OSB board	
information:	**all shelves are delivered complete with pins and pegs**	

width exterior dimension	depth exterior dimension	order no.
450 mm	350 mm	80001515
600 mm	350 mm	80001516
900 mm	350 mm	80001517
1200 mm	350 mm	80001518
450 mm	500 mm	80001519
545 mm	500 mm	80005327
600 mm	500 mm	80001520
845 mm	500 mm	80005328
900 mm	500 mm	80001521
1145 mm	500 mm	80005329
1200 mm	500 mm	80001522
450 mm	650 mm	80001523
545 mm	650 mm	80005330
600 mm	650 mm	80001524 *)
845 mm	650 mm	80005331
900 mm	650 mm	80001525
1145 mm	650 mm	80005332
1200 mm	650 mm	80001526

*) 80006062

Shelf with wardrobe drawer

suitable for:	laboratory cabinets with a modular width of 600 mm	
material:	19 mm thick particle board, coated	
wardrobe drawer:	450 mm long, lacquered steel, coat hanger nickel-faced	
information:	**all shelves are delivered complete with pins and pegs**	

width exterior dimension	depth exterior dimension	order no.
600 mm	500 mm	80008061
600 mm	650 mm	80008062 *)

Shelves for Racks

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*⁾ 80002845

*⁾ 80002846

Shelves for rack
particle board, melamine resin coated

- freely adjustable in modular heights of 45 mm
- inclinable for 15° to the front or to
  the rear
- we suggest to have 4 shelves per rack
- installation without tools

*⁾ 80002853

shelf	dimensions	order no.
	width x depth x height	
firm/inclinable	850 x 440 mm	80002845 *⁾
firm/inclinable/deep	850 x 730 mm	80002846 *⁾
firm/inclinable	1150 x 440 mm	80002847
firm/inclinable/deep	1150 x 730 mm	80002848
extensible	850 x 440 mm	80002853 *⁾
extensible	1150 x 440 mm	80002854

W A L D N E R Shelves and Stepped Inserts

Shelves for rack
powder coated, perforated sheet steel

• reely adjustable in modular heights of 45 mm
• inclinable for 15° to the front or to the rear
• we suggest to have 4 shelves per rack
• installation without tools

shelf	dimensions width x depth	order no.
firm/inclinable	850 x 440 mm	80002858
firm/inclinable/deep	850 x 730 mm	80002859
firm/inclinable	1150 x 440 mm	80002860
firm/inclinable/deep	1150 x 730 mm	80002861
extensible	850 x 440 mm	80002866
extensible	1150 x 440 mm	80002867

Secretaire for rack

The secretaire is a worktop vaulted at the front and may be inserted into the instrument rack as an option. The secretaire is fixed to the rack via a suspension profile instead of a shelf.

function: analysis workplace
application:
• laboratories with high instrument density (e.g. analytical laboratories)
• analysis workplaces such as integration of PC and printer in rack

secretaire rack	dimensions width x depth	order no.
melamine worktop decorative	850 x 900 mm	80005059
beechwood worktop	850 x 900 mm	80005051
melamine worktop decorative	1150 x 900 mm	80005050
beechwood worktop	1150 x 900 mm	80005052

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*) 80004028

Shelf, firm
for acid and alkaline cabinet with roller blinds

width	order no.
600 mm	80004028 *)

With insert tray of polypropylene.
We suggest to have 4 shelves per cabinet.

*) 80004029

Shelf, extensible
for acid and alkaline cabinet with roller blinds

width	order no.
600 mm	80004029 *)

With insert tray of polypropylene.
We suggest to have 4 shelves per cabinet.

Shelf, firm (without illustration)
for acid and alkaline cabinet with hinged doors

width	order no.
600 mm	80008231

With insert tray of polypropylene.
We suggest to have 4 shelves per cabinet.

Shelf, extensible (without illustration)
for acid and alkaline cabinet with hinged doors

width	order no.
600 mm	80008230

With insert tray of polypropylene.
We suggest to have 4 shelves per cabinet.

Shelves and Stepped Inserts

W A L D N E R

Stepped Insert for Full Height Cabinets

1.4

Stepped insert

For clear storage of chemical substances, etc. in hanging cabinets or in full height cabinets.

material:	melamine resin coated flat pressed chipboard

Stepped insert, 2 steps

		order no.
width	600 mm	80013266
width	900 mm	80013267
width	1200 mm	80013268

Stepped insert, 3 steps

		order no.
width	600 mm	80013269
width	900 mm	80013270
width	1200 mm	80013271

All carcasses, shelves and worktops are equipped with PP edges.

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*) 80002682

Instrument support, bracing on top

The instrument support is installed in the slot panels of the service module.

description:	• 2 steel brackets
	• bracing towards top
	• plastic coated worktop
loading capacity:	30 kg

modular widths	depth of deposit	order no.
600 mm	300 mm	80002682 *)
900 mm	300 mm	80002683
1200 mm	300 mm	80002684
1500 mm	300 mm	80002685
1800 mm	300 mm	80002686

*) 80008132

Instrument support, bracing on bottom

The instrument support is installed in the slot panels of the service module.

description:	• 2 steel brackets
	• bracing towards bottom
	• plastic coated worktop
loading capacity:	30 kg

modular widths	depth of deposit	order no.
600 mm	300 mm	80008132 *)
900 mm	300 mm	80008133
1200 mm	300 mm	80008134
1500 mm	300 mm	80008135
1800 mm	300 mm	80008136

*) 80002677

Reagent shelf

The reagent shelf is installed in the slot panels of the service module.

description:	• 2 steel brackets
	• raw glass board, 150 mm deep,
	7 mm thick
loading capacity:	20 kg

modular widths	depth of deposit	order no.
600 mm	150 mm	80002677 *)
900 mm	150 mm	80002678
1200 mm	150 mm	80002679
1500 mm	150 mm	80002680
1800 mm	150 mm	80002681

W A L D N E R *Deposits and Shelves*

Deposits for Module Fixation

*) 80007001

Reagent shelf with scaffold rod holder

The reagent shelf is installed in the slot panels of the service module.

description:	• 2 steel brackets
	• brackets with drilled hole and locking screw for scaffold rods
	• raw glass board, 150 mm deep, 7 mm thick
loading capacity:	20 kg
loading capacity of scaffold rod holder:	5 kg per bracket (with an additional adaptor rod for the scaffold rod the loading capacity per bracket may be increased to 20 kg)

modular widths	depth of deposit	order no.
600 mm	150 mm	80006999
900 mm	150 mm	80007000
1200 mm	150 mm	80007001*)
1500 mm	150 mm	80007002
1800 mm	150 mm	80007003

Accessories

Adaptor rod for reagent shelf   **order no.** 80012964
with scaffold rod holder

The adaptor rod increases stability of reagent shelf with scaffold rod holder.

description:	• adaptor rod, hooks, locking screw
loading capacity:	• increases loading capacity of scaffold rod from 5 kg to 20 kg per rod
information:	• 2 pieces are required per deposit
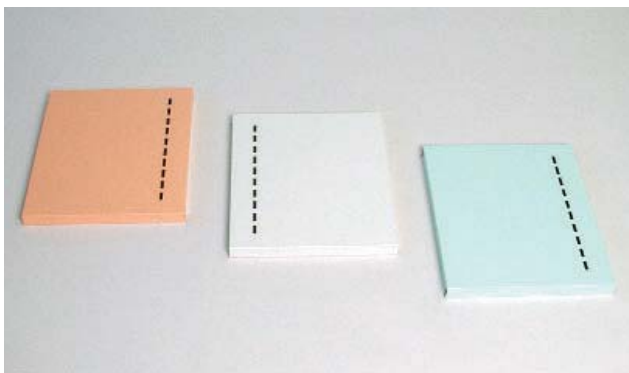
Slot panel for instrument support and reagent shelf

Powder coated, slotted panel for later fixation of instrument supports or reagent shelves.

	width x height
dimensions:	300 x 360 mm

information: **2 pieces are required which may be used either on the left or on the right side.**

white	**order no.** 80013656
mint	**order no.** 80013657
apricot	**order no.** 80013658

Instrument support for benches
Storage system to be clamped to worktops or to steel frames. Fixation is made via 2 modular rods with locking system.

compatible with: add-on and mobile tables, swing
loading capacity: max. 20 kg
advantage: additional storage area of 300 mm
fast upgrading or detachment

2 upright profiles, height 600 mm   **order no.** 80004964

1 plastic coated deposit board with 2 brackets

width	depth	
600 mm	300 mm	**order no.** 80002682
900 mm	300 mm	**order no.** 80002683
1200 mm	300 mm	**order no.** 80002684

Reagent shelf for benches
Storage system to be clamped to worktops or steel frames. Fixation is made via 2 modular rods with locking system.

compatible with: add-on and mobile tables, swing
loading capacity: max. 20 kg
advantage: additional storage area
fast upgrading or detachment

2 upright profiles, height 600 mm   **order no.** 80004964

1 raw glass board with 2 brackets

width	depth	
600 mm	150 mm	**order no.** 80002677
900 mm	150 mm	**order no.** 80002678
1200 mm	150 mm	**order no.** 80002679

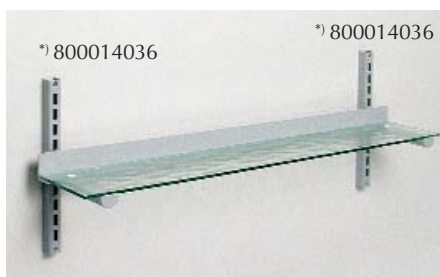*W A L D N E R*   *Deposits and Shelves*

Wall shelves **mc 6**®

Wall shelves *mc 6*®

U profile wall fixation set
The U profile wall fixation sets are directly installed in the wall on site. Either glass or wooden shelves may be suspended into the U profiles.

description:	2 pieces of U profiles, length 346 mm incl. 4 screws and dowels

order no. 80014036 *)

*) 800014036

*) 800014036

*) 80002678

Reagent shelf
The reagent shelf is suspended into the U profile rails.

description:	• 2 steel brackets • raw glass board, 150 mm deep, 7 mm thick
loading capacity:	20 kg

modular widths	depth of deposit	order no.
600 mm	150 mm	80002677
900 mm	150 mm	80002678 *)
1200 mm	150 mm	80002679
1500 mm	150 mm	80002680
1800 mm	150 mm	80002681

Instrument support, bracing on top
The instrument support is suspended into the U profile rails.

description:	• 2 steel brackets • bracing towards the top • plastic coated worktop
loading capacity:	30 kg

*) 80002682

modular widths	depth of deposit	order no.
600 mm	300 mm	80002682 *)
900 mm	300 mm	80002683
1200 mm	300 mm	80002684
1500 mm	300 mm	80002685
1800 mm	300 mm	80002686

Drawer Inserts

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## Modular system

material:	high-grade plastic, colour: grey
application:	for drawer heights 180 mm and 90 mm, exception: 48 mm high drawers not in uppermost 90 mm drawer for drawer widths of 450 mm, 545 mm, 600 mm, 845 mm, 900 mm, 1145 mm, 1200 mm for drawer depths of 500 mm and 650 mm
advantage:	• optimal use of space • clear and mobile • may be upgraded at any time • dishwasher-proof • variable as it may be cut to any dimension • stackable
remark:	**To equip the drawers please measure the exterior front dimensions of the under-bench units to be equipped.** **Then select the required tray set according to width and height.**

WALDNER   Organisation

3.1.1

Organisation

W A L D N E R
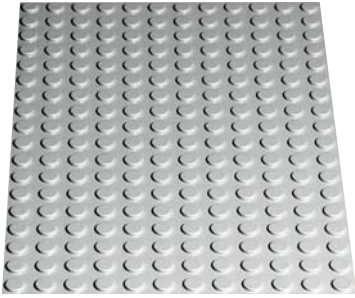
Nap mat				
	underbench unit width	underbench unit depth	order no.	information
nap mat	450 mm	500 mm	80009315	3 sets cover mat area
nap mat	545 mm	500 mm	80009316	4 sets cover mat area
nap mat	600 mm	500 mm	80009317	5 sets cover mat area
nap mat	845 mm	500 mm	80009318	7 sets cover mat area
nap mat	900 mm	500 mm	80009319	8 sets cover mat area
nap mat	1145 mm	500 mm	80009320	10 sets cover mat area
nap mat	1200 mm	500 mm	80009321	11 sets cover mat area

tray set, height 24 mm
Bestell Nr. 80009330

tray set, height 48 mm
Bestell Nr. 80009309

tray set, height 24 mm
order no. 80009331

tray set, height 48 mm
order no. 80009310

tray set, height 24 mm
order no. 80009332

tray set, height 48 mm
order no. 80009311

3.1.2

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Nap mat				
	underbench unit width	underbench unit depth	order no.	information
nap mat	450 mm	650 mm	80009322	3 sets cover mat area
nap mat	545 mm	650 mm	80009323	4 sets cover mat area
nap mat	600 mm	650 mm	80009324	5 sets cover mat area
nap mat	845 mm	650 mm	80009325	7 sets cover mat area
nap mat	900 mm	650 mm	80009326	8 sets cover mat area
nap mat	1145 mm	650 mm	80009327	10 sets cover mat area
nap mat	1200 mm	650 mm	80009328	11 sets cover mat area

tray set, height 24 mm
order no. 80009333

tray set, height 48 mm
order no. 80009312

tray set, height 24 mm
order no. 80009334

tray set, height 48 mm
order no. 80009313

tray set, height 24 mm
order no. 80009335

tray set, height 48 mm
order no. 80009314

W A L D N E R *Organisation*

Single Trays, Single Nap Mats

Single trays

For single re-equipment or as organisation system on benches.

Single trays		tray dimension width x depth	order no.
low insert tray	height 24 mm	96 x 288 mm	80009307
low insert tray	height 24 mm	96 x 144 mm	80009306
low insert tray	height 24 mm	96 x 96 mm	80009305
high insert tray	height 48 mm	96 x 288 mm	80009304
high insert tray	height 48 mm	96 x 144 mm	80009303
high insert tray	height 48 mm	96 x 96 mm	80009302

Single nap mats

For single orders if order is not made according to modular dimensions
of drawers.
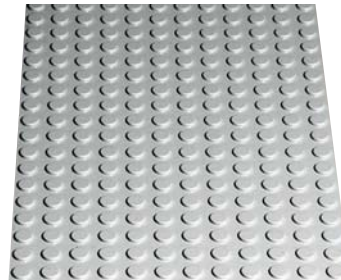
Single nap mats		mat dimension	order no.
mat	width/depth	288 mm x 432 mm	80009298
mat	width/depth	288 mm x 528 mm	80009300
mat	width/depth	480 mm x 432 mm	80009299
mat	width/depth	480 mm x 528 mm	80009301

Organisation

WALDNER

Plug-in system for loose insert in drawer

application:	for drawer heights 180 mm / 90 mm
equipment:	one set consists of 2 cross and 2 longitudinal partitionings

remark: **Please measure width of cabinet at drawer front and select the appropriate set (widths 450 mm, 545 mm, 600 mm, 845 mm, 900 mm, 1145 mm, 1200 mm) depths of drawer either 500 mm or 650 mm**
Pay attention to exterior dimensions.

tip: **The partitionings may additionally be scaled down either crosswise or longitudinal with complementary partitionings.**

Compartment partitioning set
for underbench unit, cabinet depth 500 mm

| Compartment partitioning set for underbench unit, cabinet depth 500 mm			
width of underbench unit	depth of underbench unit	drawer height	
exterior dimension	exterior dimension	180 mm order no.	90 mm order no.
450 mm	500 mm	80007714	80012045
545 mm	500 mm	80007715	80012046
600 mm	500 mm	80007716	80012047
845 mm	500 mm	80007717	80012048
900 mm	500 mm	80007718	80012049
1145 mm	500 mm	80007719	80012050
1200 mm	500 mm	80007720	80012051

Compartment partitioning set
for underbench unit, cabinet depth 650 mm

Compartment partitioning set for underbench unit, cabinet depth 650 mm			
width of underbench unit	depth of underbench unit	drawer height	
exterior dimension	exterior dimension	180 mm order no.	90 mm order no.
450 mm	650 mm	80007721	80012052
545 mm	650 mm	80007722	80012053
600 mm	650 mm	80007723	80012054
845 mm	650 mm	80007724	80012055
900 mm	650 mm	80007725	80012056
1145 mm	650 Resin	80007726	80012057
1200 mm	650 mm	80007727	80012058

Organisation

W A L D N E R
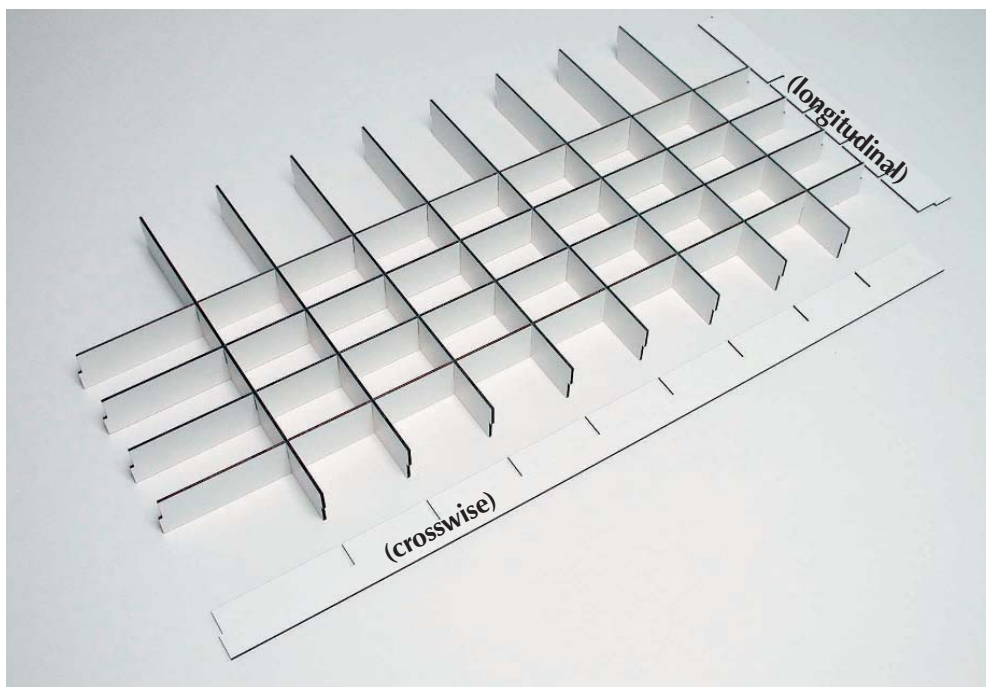
Complementary partitionings (crosswise)

For additional smaller partitioning of drawers.

The cross partitionings may be inserted into the preslotted chamferings.

width of underbench unit exterior dimensions	drawer height 180 mm order no.	drawer height 90 mm order no.	information max. equipment
450 mm	80007728 (1 piece)	80012059 (1 piece)	2 pieces
545 mm	80007729 (1 piece)	80012060 (1 piece)	2 pieces
600 mm	80007730 (1 piece)	80012061 (1 piece)	2 pieces
845 mm	80007731 (1 piece)	80012062 (1 piece)	2 pieces
900 mm	80007732 (1 piece)	80012063 (1 piece)	2 pieces
1145 mm	80007733 (1 piece)	80012064 (1 piece)	2 pieces
1200 mm	80007734 (1 piece)	80012065 (1 piece)	2 pieces

Complementary partitiongs (longitudinal)

For additional smaller partitioning of drawers.

The longitudinal partitionings may be inserted into the preslotted chamferings.

width of underbench unit exterior dimension	drawer height 180 mm order no.	drawer height 90 mm order no.	information max. equipment for drawer width in mm							
				450	545	600	845	900	1145	1200
500 mm	80007735 (1 piece)	80012066 (1 piece)	piece	2	3	3	5	6	8	8
650 mm	80007736 (1 piece)	80012067 (1 piece)	piece	2	3	3	5	6	8	8

Insert trays of one piece for loose insertion into drawers

material:	shock-resistant polystyrene, colour: white similar to RAL 9010
application:	for drawer height 180 mm
equipment:	insert tray of one piece, detachable
depth of underbench unit:	for cabinet depth exterior dimensions of 500 mm and 600 mm
width of underbench unit:	for cabinet width exterior dimensions of 450 mm, 545 mm and 600 mm

Insert trays for underbench unit exterior dimension 450 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
450 mm	500 mm	80007800
450 mm	650 mm	80007803

Insert trays for underbench unit exterior dimension 545 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
545 mm	500 mm	80007801
545 mm	650 mm	80007804

Insert trays for underbench unit exterior dimension 600 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
600 mm	500 mm	80007802
600 mm	650 mm	80007805

W A L D N E R   Organisation

Insert trays for underbench unit exterior dimension 450 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
450 mm	500 mm	80007806
450 mm	650 mm	80007809

Insert trays for underbench unit exterior dimension 545 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
545 mm	500 mm	80007807
545 mm	650 mm	80007810

Insert trays for underbench unit exterior dimension 600 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
600 mm	500 mm	80007808
600 mm	650 mm	80007811

Mat of Foamed Material

3.1.6

*) 80007831

Mat of foamed material

material:	foamed material, 4 mm thick, colour: white
product description:	mat of foamed material to be loosely inserted in drawer
application:	antiskid device, soft storage of sensitive objects suitable for all drawer heights please select given drawer depth
tip:	**for selection please pay attention to the drawer width and depth.**

For underbench unit cabinet depth 500 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
545 mm	500 mm	80007828
600 mm	500 mm	80007829

For underbench unit cabinet depth 650 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
545 mm	650 mm	80007830
600 mm	650 mm	80007831 *)

Pipette Holder

3.1.7

*) 80007826

Pipette holder

material:	foamed polyester material, colour: green
product description:	pipette holder with grooves for safe storage of pipettes
application:	the pipette holders are self-adhesive and are suitable for a drawer height of 180 mm
tip:	**We suggest to use 2 pipette holders per drawer. For selection please pay attention to drawer width and depth.**

For underbench unit cabinet depth 500 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
Passt immer	500 mm	80007826 *) (1 piece)

For underbench unit cabinet depth 650 mm

width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
Passt immer	650 mm	80007827 (1 piece)

Pipette Insert

*) 80007825

Pipette Insert

material:	foamed material, colour: black
product description:	indented shape to be loosely inserted into drawers
application:	for safe storage of pipettes, for drawer height 180 mm
tip:	**For selection please pay attention to width and depth of drawers.**

For underbench unit cabinet depth 500 mm		
width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
545 mm	500 mm	80007822
600 mm	500 mm	80007823

For underbench unit cabinet depth 650 mm		
width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
545 mm	650 mm	80007824
600 mm	650 mm	80007825 *)

Suspended depository

*) 80013652

*) 80013653

Suspended depository

material:	plastic material, colour: grey
Product description:	frame to be loosely inserted into drawer height 360 mm
application:	for storage of suspended files

For underbench unit cabinet depth 500 mm		
width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
450 mm	500 mm	80013652 *)
900 mm	500 mm	80013652
		(to be ordered 2 x)

For underbench unit cabinet depth 650 mm		
width of underbench unit exterior dimension	depth of underbench unit exterior dimension	order no.
450 mm	650 mm	80013653 *)
900 mm	650 mm	80013653
		(to be ordered 2 x)

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Labels

Label for doors

self-adhesive of plastic material
colour: mint-green

order no. 80005919

Label for drawers

to be fitted into the handle profile
colour: mint-green

labelling of drawers may be seen from the top
order no. 80005918

The WALDNER design supports an ergonomic organisation in laboratories.

Organisation

W A L D N E R

Caddy (Printer Table)

Caddy
mobile table for printer, with parking castors
The Caddy is made of decorative beechwood board and is equipped with a bottom shelf for storage or feeding of printer paper

advantage: • Tmobile printer table
• free worktops
• facilitates cleaning of room
• allows for a variable utilization of the workplace
• suitable for endless paper feeding

dimensions: width 450 mm
depth 500 mm
height 400 mm

Caddy silver   **order no.** 80005009

Skate *(Mobile Table for PC)*

Skate
mobile table for PC, with parking castors
The skate is made of decorative beechwood board and is equipped with a side panel of perforated steel.

advantage: • mobile PC storage
• free worktops
• facilitates cleaning of room
• allows for a variable utilization of the workplace

dimensions: width 450 mm
depth 215 mm
height 470 mm

Skate silver   **order no.** 80005018

Organisation
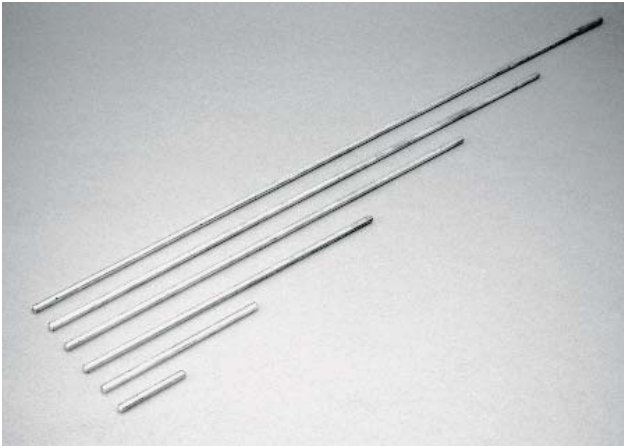
W A L D N E R

Scaffold rods, 13 mm diameter
The scaffold rods are suitable for the Waldner scaffold rod holders (Ø 13 mm).

scaffold rod dimensions	material
diameter / length	chrome nickel steel
	order no.
13 x 120 mm	80009226
13 x 300 mm	80009227
13 x 600 mm	80009228
13 x 900 mm	80009229
13 x 1200 mm	80009230
13 x 1500 mm	80009231

Scaffold rod holders for scaffold rods, 13 mm diameter
The scaffold rod holders are made of aluminium diecasting and are equipped with a fixing ring.

application: the scaffold rod holders may be mounted to slot panels

order no. 80002676

connector cross, closed
material: stainless steel
order no. 80013113

connector cross, open
colour: red, material: plastic
order no. 80013114

hook connector
connector cross, open
colour: grey
order no. 80013115

connector, T-shape
colour: red, material: plastic
order no. 80013116

tension link with wing handles
both sides of this tension link may be adjusted in an infinitely variable way and independent of each other
colour: anthracite, naturally anodised
order no. 80014369

tension link with clamping lever
infinitely variable adjustment in height and angular positions with handle, both sides of the tension link may be opened
colour: anthracite, naturally anodised
order no. 80014370

Laboratory Aids

W A L D N E R

Ladder and Ascent Help

Laboratory Aids

WALDNER

Ladder
robust 4 step ladder

frame: aluminium
steps: galvanized steel

order no. 80004900

Simple ladder with suspension hooks

set up height: 2200 mm
frame: aluminium
steps: galvanized steel

order no. 80012183

Mobile stool
type 212.1
mobile stool of metal

dimensions:
diameter: 290/437 mm
height: 435 mm
weight: 5 kg
colour: light grey RAL 7035

order no. 80009218

*) 80007864

Funnel tubes for acid and alkaline solutions

**Funnel tubes for acid and alkaline solutions
incl. visual level indicator**
funnel of PE with spring cover to be screwed
on container, incl. visual level indicator

140 mm diameter

	order no.
funnel tube incl. visual level indicator for 10 litre container	80007864 *)
funnel tube incl. visual level indicator for 12 litre container	80007866
funnel tube incl. visual level indicator for 20 litre container	80007867

*) 80013625   *) 80013627   *) 80013626

Waste disposal container for acid and alkaline solutions

	order no.
waste disposal container 10 litre for acid and alkaline solutions	80013625 *)
waste disposal container 12 litre for acid and alkaline solutions	80013627 *)
waste disposal container 20 litre for acid and alkaline solutions	80013626 *)

*) 80012999

Waste disposal of solvents
only for utilization in solvents cabinets according to
DIN 12925/part 1

funnel tube for solvents incl. visual level indicator for 10 litre container funnel of PE with spring cover to be screwed on container, incl. visual level indicator 140 mm diameter	**Bestell Nr.** 80013624
waste disposal container for solvents waste disposal container, electrically conductive 10 litre for solvents	80012999 *)

Laboratory Aids

W A L D N E R

Waste Collector

*) 80007427

*) 80005722

*) 80007576

*) 80007428

Waste collector
The waste collectors are suitable for firm substances and for garbage only.

Waste collector
for underbench units with hinged doors

waste collector	**order no.** 80007427 *)
installation:	side panel installation
	holding device of plastic coated
	sheet steel
	cover of plastic material
capacity:	15 litre

Abfallsammler	**order no.** 80005722 *)
installation:	side panel installation
	single drawer
	holding device of plastic coated
	sheet steel
	cover of plastic material
capacity:	2 x 18 litre

Waste collector
for installation in underbench units with
full-height drawer

waste collector	**order no.** 80007576 *)
installation:	500 mm deep for full-height drawer
	holding device of plastic coated
	sheet steel
	cover of plastic material
capacity:	20 litre

waste collector	**order no.** 80007428 *)
installation:	650 mm deep for full-height drawer
	holding device of plastic coated
	sheet steel
	cover of plastic material
capacity:	2 x 15 litre
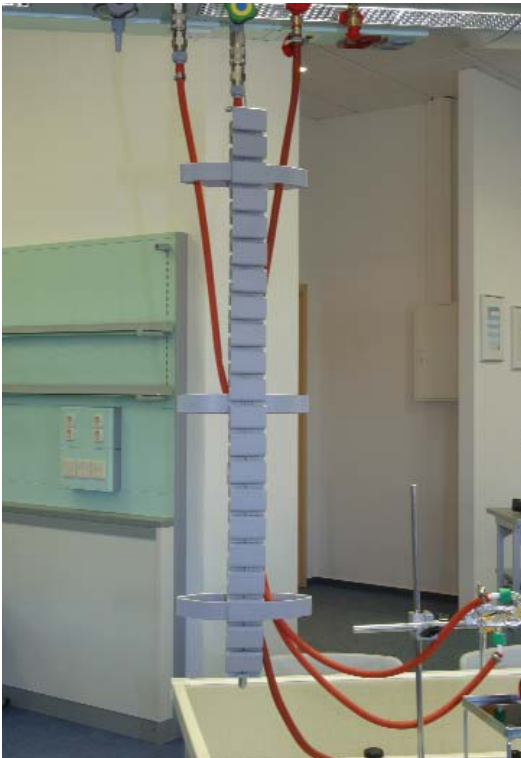
Service Beam

Service beam

The service beam bundles service lines and electric cables between service distribution terminals and the service wing. It is suspended in a cover plate of the fitting via a carbine hook. A strain relief is achieved via a metal rope connection between the supply coupling and the outlet station.

description:	of plastic material with chain links and 3 clasps for routing the lines
dimension:	length 1000 m the total length is variable (chain links may be detached)
advantage:	makes order and provides space due to a bundled routing of the services

order no. 80006542

Laboratory Aids

W A L D N E R

Draining Boards and Accessories
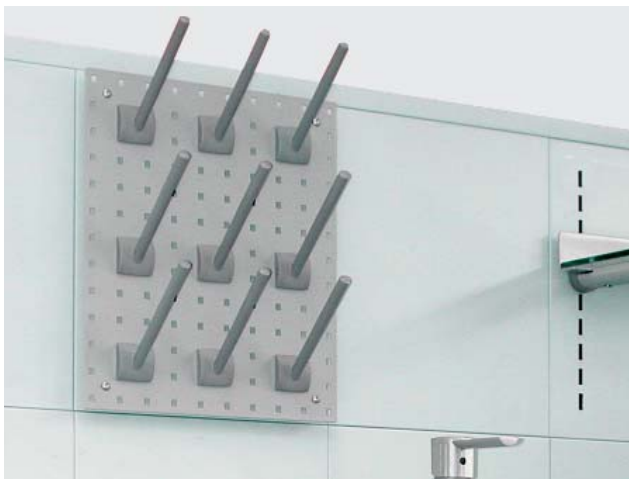
Draining board for service module

For panel installation in a service module.
For drying of laboratory glassware after a rinse cycle.

description: draining plate, colour: silver, perforated
                        9 variably adjustable draining rods of
                        plastic Ø 12
dimensions: 300 mm x 360 mm

                                order no. 80005003

Draining board for double workbench (head sink)

For installation above head sink.
For hanging up laboratory glassware after a rinse cycle.

description: 2 draining plates, colour: silver,
                        perforated base material of melamine
                        resin board, 18 variably adjustable
                        draining rods of plastic Ø 12 mm
dimensions: 600 mm x 360 mm

                                order no. 80009345
illustration with outlet

Accessories for draining board

outlet

description: outlet, colour: grey, of plastic
                        to be suspended into the draining board;
                        collects receding water
                                order no. 80006628

wall-mounted draining rack

description: complete with PVC back wall plate incl.
                        collecting groove and waste glow tube

dimensions: 600 mm x 720 mm

                                order no. 80012440

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Hose holding device for sink module

The hose holding device is made of grey plastic material and is suspended into either the PP or the stoneware sink. For fixation of loose hoses which may be plugged into the 4 hole holding device (2 x 14 mm and 2 x 11 mm).

order no. 80012137

W A L D N E R   Laboratory Aids

Equipment Set for First Aid Cabinet

Equipment set for First Aid cabinet
Equipment for First Aid comprises:

1 x First Aid case, execution according to DIN 14 142
      dimensions: 400 x 350 x 110 mm
1 x carbon dioxide extinguisher, content: 5 kg
2 x fire blankets of glass fabric according to DIN 14 155
      dimensions: 1600 x 2000 mm
2 x sand boxes
      dimensions: 220 x 360 x 200 mm
1 x sand shovel

order no. 80003675

First Aid Accessories

Powder extinguisher
powder extinguisher according to DIN 14406,
fire classes A-B-C

content: 12 kg incl. wall holding device

order no. 80008672

Fire extinguisher CO2 – 5 kg
carbon dioxide extinguisher

content: 5 kg, fire class B
incl. wall holding device

order no. 80009116

Fire blanket
of glass fabric, DIN 14 155, grey, flame-proof,
not impregnated, with 2 handling pockets, 1600 x 2000 mm,
weight approx. 1.5 kg

order no. 80008673

Storage container for fire blanket
of sheet steel, red lacquered

width:	250 mm
depth:	250 mm
front height:	370 mm
rear height:	420 mm

order no. 80008674

Finger heat protection gloves
1 pair of fire protection gloves with concealed aluminium foil

order no. 80008675
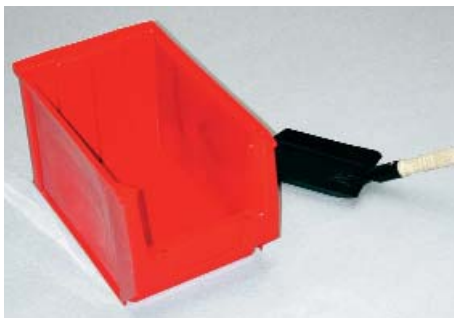
Sand shovel

order no. 80009112

Sand box
sand box of polypropylene

dimensions: 220 x 360 x 200 mm

order no. 80009113

First Aid case
DIN 14 142 – small execution with equipment for First Aid,
with breathing aid

dimensions:	400 x 350 x 110 mm
weight:	approx. 7 kg

order no. 80009115

Bandaging box
sheet steel execution, white lacquered,
1 door, lockable, with 2 shelves,
incl. bandaging material according to DIN 13 157-c

dimensions: 290 x 140 x 360 mm

order no. 80008680

W A L D N E R First Aid

Towel Dispenser

6.0

Universal towel dispenser, make Provix-Faros
• without filling
• of white plastic housing with level indicator, detachable
  metal stub edge
• for towel rolls with a maximum width of 240 mm and a
  diameter of 155 mm or for foldable towels with zigzag fold
  and with interfold

dimensions: H 250 x W 300 x D 195 mm

order no. 80009236

Soap dispenser

6.0

Universal soap dispenser, make TEMCA
content / capacity: 1.1 litre
• without filling
• white plastic housing with window
• incl. refillable container
• disposal through pressing

dimensions: H 220 x W 130 x D 115 mm

order no. 80009235

Universal dispenser, 500 ml
universal dispenser, content 500 ml
for all liquid soaps, hand cleaners, disinfectants, etc.
housing of anodised aluminium, dull silver
dosage pump and hand lever of stainless steel
refilling container of polyethylene

dimensions: 81 x 80/165 x 238 mm

order no. 80009238

Universal dispenser, 500 ml
universal dispenser, content 500 ml
for all liquid soaps, hand cleaners, disinfectants, etc.
housing of anodised aluminium, dull silver
dosage pump and hand lever of stainless steel
refilling container of polyethylene

dimensions: 94 x 87/165 x 282 mm

order no. 80009237

7.0

WALDNER
Firmengruppe

Filter variants:
Gas filter type A
(contains 2.7 kg activated carbon, efficiency depending
on contaminants between 500 and 1350 g)
organic gases, vapours (room temperature)
order no. 80014008

Gas filter type BE
(contains 2.7 kg activated carbon, efficiency depending
on contaminants between 500 and 1350 g)
inorganic gases, vapours, acids (room temperature)
order no. 80014009

Combination filter type BEP
molecules and particles, inorganic gases and vapours in heated form (contains 1.6 kg activated carbon, efficiency depending on contaminants between 300 and 800 g)
order no. 80014010

Particle filter type P
particle filter efficiency 0.3 micrometer – 99.5 %
order no. 80014011

For adaptation of the right selection of filters please get in contact with our specialists.

Filter for Mobil Air

W A L D N E R
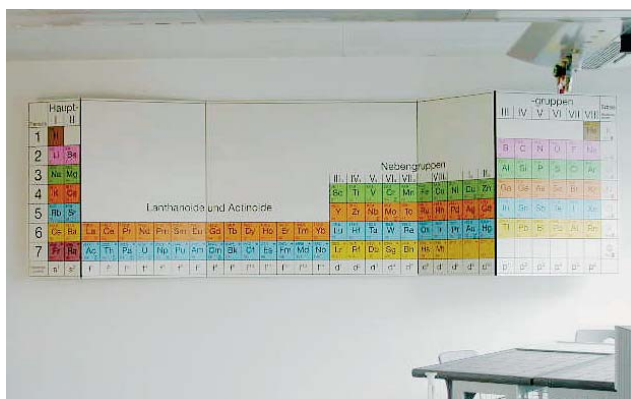
Periodic system

Periodic system, wall board
foldable periodic system according to Kohler and Fischer
foldable wall board of concealed (16 mm thick) plywood with
piano hinges

dimensions: • open   4200 x 1200 mm
                      • closed   1870 x 1200 mm

order no. 80008656
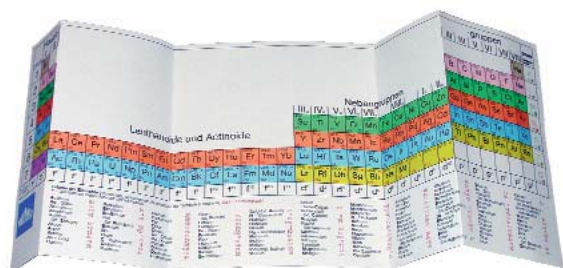
Periodic system, mini flyer
mini flyer (periodic system)
dimensions: 450 x 180 mm
packing units of 100 pcs.

order no. 80009047
(1 piece)

Bunsen Burner

**Bunsen burner for propane
with adhesive safety stand**
incl. 2 hose clamps

Bunsen burner for propane with air regulation,
needle valve and retention flame in the interior,
DIN execution

order no. 80008691

**Teclu burner for natural gas
with adhesive safety stand**
incl. 2 hose clamps

Teclu burner for natural gas with air regulation,
needle valve and retention flame in the interior,
DIN execution

order no. 80009049

Bunsen burner

Hose for gas burner

gas safety hose 10 x 2 mm
without casing and reinforcement

DIN DVGW registered

Please indicate length!   **order no.** 80009046

Safety Connection Line

Safety connection line

2 safety spring basket plug with axial tip jack
ready made (cripped) on highly flexible double
insulated line 2.5 mm²
according to IEC 1010

connection line red 2.5²

order no. 80015141

connection line blue 2.5²

order no. 80015142

connection line black 2.5²

order no. 80015140

connection line green/yellow 2.5²

order no. 80015143

Accessories for Schools

W A L D N E R

Maintenance of Laboratory Furniture
An annual maintenance of laboratory furniture is obligatory!

We optimize the smooth operation of your laboratory.

Laboratories are to be classified as safety installations.

Extraction devices and ventilation plants with air purification should to be maintained and their functions to be checked and recorded in regular intervals.

This inspection is to be carried out by a specialist.

The excellently trained service team has well-founded product knowledge in the areas of ventilation and filter technology, electricity/ electronics, mechanics and sanitary.
The WALDNER service stands for a privileged customer service directly from the manufacturer.

Inspection and maintenance

Our service technicians

- record the various measuring results for supervisory bodies and laboratory users
- ensure for an optimal safety standard for your laboratory personnel
- actively participate in decreasing your energy costs by adjustment of the air volumes

Maintenance as per range of performance

Air containment
- air containment measurements
- extract volume flow rate
- supply volume flow rate
- main volume flow rate
- visual air test
- flow tests in front of the appliance
- checking and, if applicable, cleaning the supply air system

Mechanics
- general visual inspection of the fume cupboard for outsi de damages
- checking of sash, cross slide, toothed belt / steel rope for damages, checking of track mechanism

Further checks are available on demand:
- electricity
- sanitary
- filter technology

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Maintenance per objects

Fume cupboards

(supply air fume cupboard, extract air fume cupboard, fume scrubber, special purpose fume cupboard, filter fume cup board, radioisotope fume cupboard, mobile fume cupboard)

- with FAZ (function display)
- without FAZ (function display)
- with AC 2 (airflow controller)
- with AC 2 and SC (airflow controller and sash controller)
- with group controller

Safety cabinets
- solvents cabinet
- acid and alkaline cabinet
- cylinder cabinet

Laminar flow workbenches

If available we would require the following information in order to prepare an offer for you:

- WALDNER number of delivery, or information of the foreign supplier (with or without control unit)
- year of construction or date of commissioning
- information about the amount of objects to be maintained
- required range of performance of these maintenance works

AAS Extract Air Units

The AAS extract air units reliably and straightforwardly dispose of extract air. They have been developed according to the modular principle and thus combine the economic advantage of serial products with the practical requirements demanded for individual adaptation. Only a few standard elements are sufficient to do justice to all given situations on site.

No matter which modification you would like to have: This extract air system protects the laboratory personnel against health damaging residues of combustion.

The stability of the burner flame is ensured and the instrument is kept free from corrosive vapours.

The installation of this unit does not require a lot of work and may therefore be carried out at low costs – no matter whether with in-house fitters or by employing our installation service.

For disposal of extract air you may select from our range of offers.

Execution:
WALDNER domestic technique delivers you the system in stainless steel.

Arrangement:
Depending on the laboratory situation you may decide for a vertical (deflector hood) or for a horizontal (pipe) blow out. In both cases the fan and the blow out part may be arranged in a unit outside the laboratory, which results in a considerable muffing of noises.

Performance:
The required extraction performance depends on the type of flames used. For flames with low temperatures a flow rate from 180 to 300 m³/h is sufficient, whereas higher temperatures should be disposed with a capacity from 480 to 600 m³/h. The additional resistance from the length of lines then result in the selection of the fan.

Example:
The equipment always comprises the following: extractor hood, telescope pipe, pipe systems, fan, blow out unit and fixation elements.

Distance between hood and burner:
May not be less than 200 mm. The fan ENG 6-13.13 is suitable for a length of line from 3 to 4 meter. In case of extreme working conditions we will plan your AAS extract air unit accordingly.

Illustration:
❶ extractor hoods
❷ blow out unit
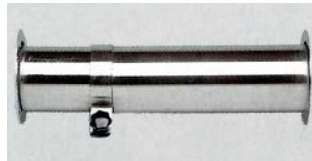❸ fixation element
❹ fan

WALDNER
Firmengruppe
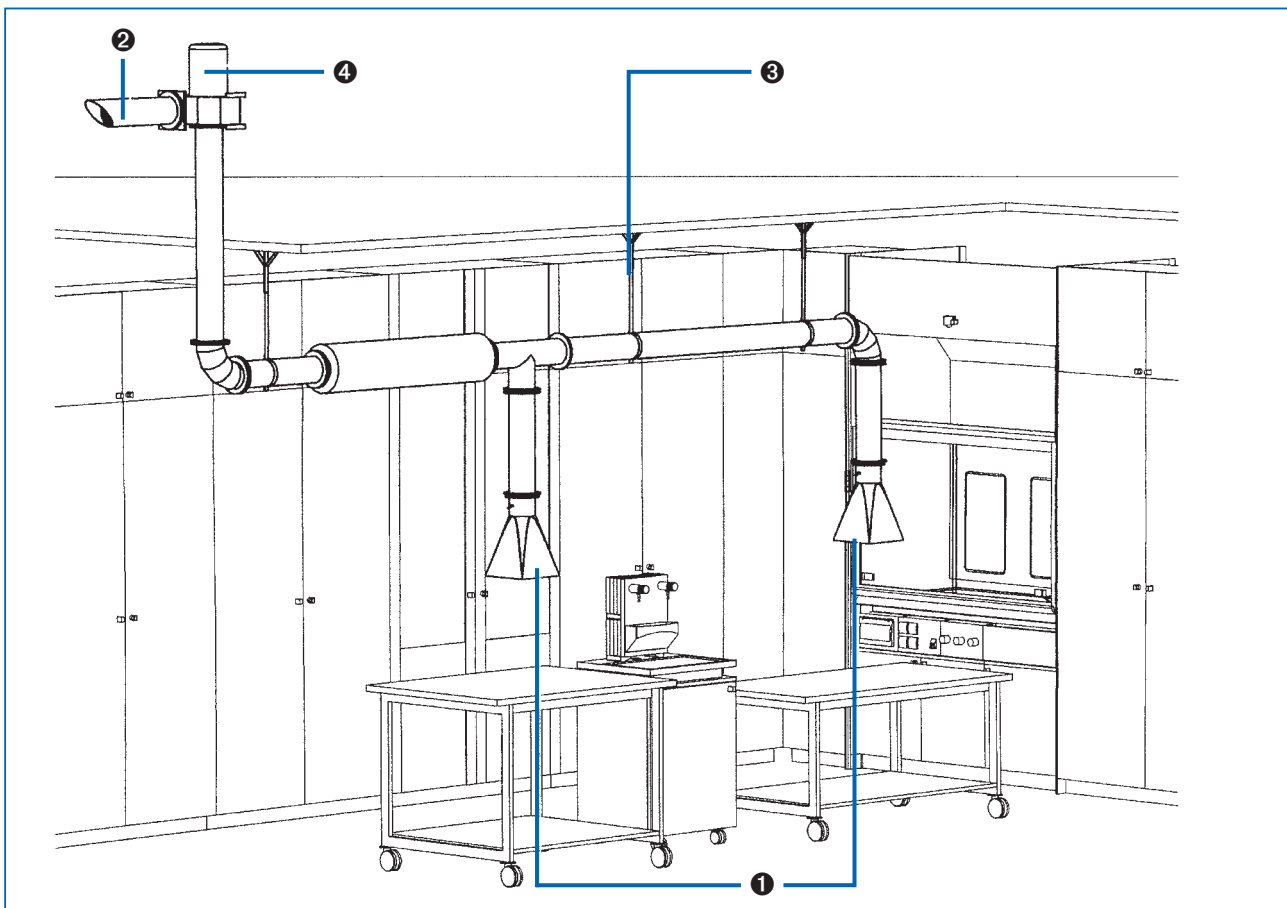
Extractor hood
material : stainless steel V2A
grounded with built-in control valve and with a flange
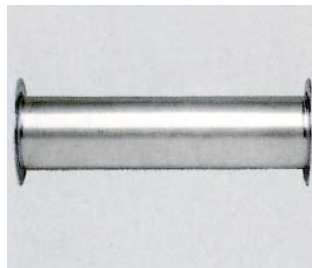for connection to the piping system, Ø 125 mm
order no. 60901021

Telescope pipe
material: stainless steel V2A
adjustable from 400 mm to 720 mm with
2 flanges, Ø 125 mm
order no. 60901032

Pipe
material: stainless steel V2A
The pipes are cut to 2000 mm, 1000 mm and 500 mm and
are equipped with 2 flanges. If required also intermediate
sizes are available
stainless steel   500 mm   **order no.** 60901035
stainless steel   1000 mm   **order no.** 60901037
stainless steel   2000 mm   **order no.** 60901039

Flexible pipe
material: stainless steel V2A
available in any lengths and with 2 flanges
stainless steel 1000 mm
order no. 60901043

Pipe VA yardware
material: stainless steel V2A
available in yardware, Ø 125 mm
order no. 60901041

Pair of flanges
material: stainless steel V2A
for linking pipes with yardware
order no. 60901046

Pair of flanged collars
material: stainless steel V2A
for connecting pipes to ventilation on site
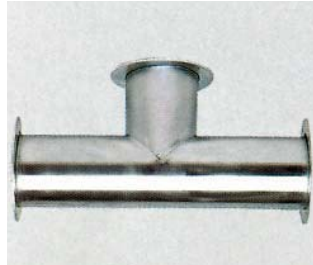**order no.** 60901048

W A L D N E R   Extract Air Units

Pipe sound attenuator
material : stainless steel V2A
attenuation at 250 Hertz, 10 dB(A)
length of sound attenuator 1100 mm

order no. 60901056

Branch piece
material: stainless steel V2A
length of branch piece 500 mm incl. flanges,
Ø 125 mm

order no. 60901067

Bend
material: stainless steel V2A
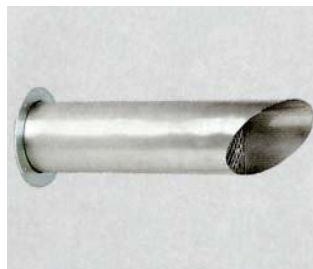pipe bend 90°
with 2 flanges, Ø125 mm, radius 125 mm

order no. 60901061

Pipe holding device
material: powder coated sheet steel,
colour: silver grey
pipe holding device with fitting angles for ceiling and wall
installation

order no. 60901071

Blow out pipe (for horizontal blow out direction)
material: stainless steel V2A
with pipe end cut bevelled and with wired-in
bird protection grid, length 500 mm, incl.
flange, Ø 125 mm

order no. 60901052

Deflector hood (for vertical blow out direction)
material: stainless steel V2A
deflector hood in streamline execution with
draining pipe and flange, Ø 125 mm

order no. 60901027

# AAS Extract Air Units

WALDNER
Firmengruppe

Fans

completely closed monophase motor with operating capacitor
bedding: greased plain bearings
connection: terminal box with thermal contact

Type	ENG 6-13.5	ENG 6-28
speed	1450 t/min	2680 t/min
air volume	810 m³/h	1620 m³/h
static pressure	180 Pa	720 Pa
max. capacity	130 W	590 W
voltage	220 V	220 V
frequency	50 Hz	50 Hz
current	0,72 A	2,8 A
max. sound level	62dB (A)	85 dB (A)
ENG 6-13.5		**order no.** 60901006
ENG 6-28		**order no.** 60901008
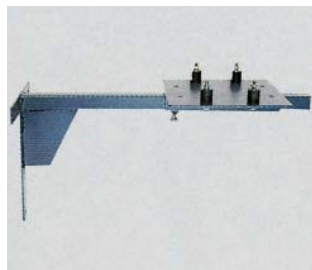
Fan bracket

material: powder coated sheet steel
fan bracket adjustable from 210 to 550 mm
Installation of fan possible in 4 directions.
The fan bracket is delivered incl. oscillation elements.

order no. 60901011

Speed controlling device

material:	completely insulated plastic
variable:	from 0 – 100 %
type of protection:	according to DIN 40050
nominal voltage:	200 Volt/50 Hertz
radio shielding:	according to VDE 0875/7.71
grade of disturbance:	N
short circuit protection:	G
melting plug:	according to DIN 41660

surface installation: **order no.** 60901014
concealed installation: **order no.** 60901015

Outside wall housing

material: galvanized sheet steel, watertight solded
suitable for: fans 6-13.5 or ENG 6-28
Blow out direction possible at 3 points.
Please indicate wall thickness when ordering.

order no. 60901018

Roof housing (without illustration)

material: galvanized sheet steel, watertight soldered
suitable for fans 6-13.5 or ENG 6-28
Please indicate wall thickness when ordering.

order no. 60901019

WALDNER Extract Air Units

WALDNER Firmengruppe

WALDNER
Laboreinrichtungen GmbH & Co. KG
- Accessories for laboratories and schools
- Service and maintenance
- Furniture system
- Services distribution and waste disposal system
- Ventilation system
- Chemicals distribution and waste disposal system

WALDNER
Labor- und Schuleinrichtungen GmbH
The technological market leader for installations of multifunctional scientific class rooms with telematic functions.

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