

Supply air hood AT

Professional kitchen hood for equipment that generates grease, such as griddles, deep fryers and ranges.

- › Factory-assembled hood with supply air, control air and exhaust air
- › Elegant recessed supply air terminal with adjustable comfort nozzle
- › Highly efficient cyclone filter for increased fire safety and easier cleaning of exhaust air ducts
- › Sides in stainless steel sheet metal or laminated glass
- › Recessed LED lighting in protection class IP 65
- › Accessories: UV light purification and fire extinguishing system

Function

Fresh air is supplied to the kitchen via the hood's supply air terminal. With the adjustable comfort nozzle located at the front of the air terminal, kitchen personnel can direct a small amount of air in the desired direction. Contaminated air is drawn up into the hood's efficient cyclone filter. The filtered air is then discharged via the exhaust air duct. The control air enhances the hood's efficiency and prevents contaminated air from leaking out from under the edge of the hood.

Design

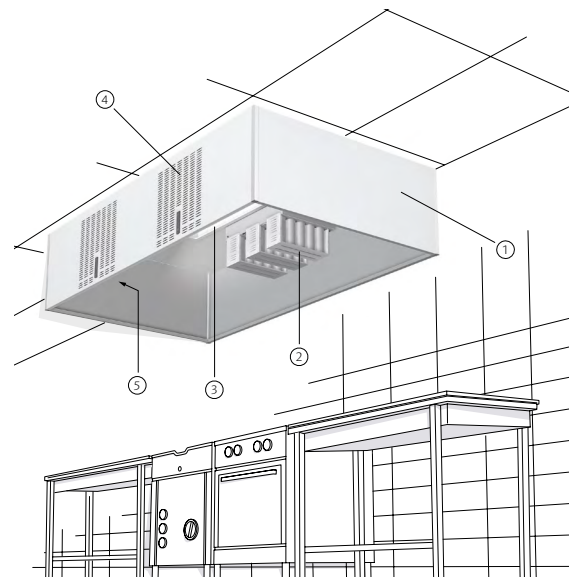
The hood is manufactured with the desired number of sides and is delivered factory-assembled.

1. Sides in stainless steel sheet metal or 3+3 mm laminated glass
2. Cyklotec cyclone filter with damper and pressure tap
3. Recessed LED lighting, protection class IP 65
4. Integrated supply air terminals with damper, pressure tap, inspection hatch and adjustable comfort nozzle
5. Control air

Recessed lighting

The lighting fixture is completely recessed and approved to protection class IP 65, which means that it is dust-tight and can be exposed to water. The fixture is equipped with energy-saving LED lighting (2000, 4000 and 5000 lumens). The colour temperature is 4000 K and the colour rendering value RA(CRI) is 90.

The fixture is equipped with a 2 m extension cord with connector for easy further connection. Quick assembly with only one connection point. The fixture's length and wattage is 710 mm / 18 W, 1310 mm / 36 W and 1610 mm / 45 W. The drive unit is equipped with support for DALI.



The integrated supply air terminals can be positioned as desired on one or more sides of the hood

Example description text

Supply air hood AT, manufactured by Acticon, with sides in laminated glass (or, alternatively, brushed stainless steel sheet metal).

Supply, control and exhaust air, and recessed LED lighting in protection class IP 65.

Supply air and exhaust air connections with damper and pressure tap.

Integrated supply air terminal with adjustable comfort nozzle.

Cyklotec cyclone filter with 100% separation of particles; 7 µm at recommended flow and 9 µm at half flow.

Cover from upper edge of hood to room ceiling.

Specifications

AT - G - 4 - 2200 x 1200 x 550 - 2 x 250 - 1x400+360 l/s - 400 l/s

R = Stainless steel sheet metal
 G = Laminated glass
 Number of sides
 Length: mm
 Depth: mm
 Height: mm
 Supply air connections: number x diameter
 Exhaust air connection: number x diameter
 Supply air in l/s
 Exhaust air in l/s

Dimensions

Height of hood H = 550 mm or 350 mm.

The length and depth may be freely selected. If the length x depth is greater than 3000 x 1800 mm, the hood is delivered in two or more modules. The connections for supply and exhaust air have spigot connections with rubber ring seals. The height of the cover is adapted to the distance between the upper edge of the hood and the room ceiling.

Exhaust air

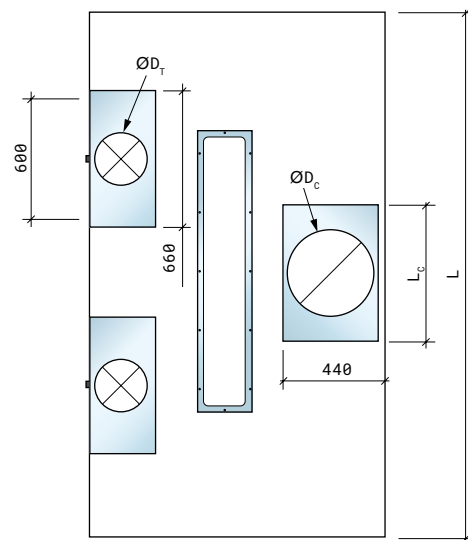
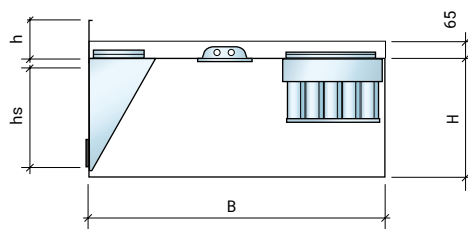
The number of filter cassettes in the Cyklotec cyclone filter is determined by the exhaust air flow. For effective separation, a pressure drop of at least 20 Pa across the Cyklotec filter is recommended, which corresponds to the lower exhaust air flow rate in the table below. At the higher air flow, the pressure drop is 80-90 Pa.

Exhaust air l/s	Number of filter cassettes	ØD _c mm	L _c mm
60 - 150	1	250	295
120 - 250	2	250	400
170 - 340	3	400	620
215 - 430	4	400	840
250 - 520	5	400	1060

Supply air

The table shows how much air that can be supplied per supply air distribution unit. Each air terminal, within its flow range, is delivered set to a static pressure drop of 20 Pa.

Supply air l/s	Height of hood	Height of supply air distributor hs	Connection ØD _T mm
50-110	350	260	200
50-110	550	260	200
90-195	550	460	250



- h = height of cover
- H = height of hood
- B = depth of hood
- L = length of hood
- hs = height of supply air distributor
- ØD_T = diameter supply air connection
- ØD_c = diameter exhaust air connection
- L_c = length of filter housing

AIRsupply forbeholder sig ret til ændringer. Alle oplysninger, der står i denne brochure, kan ændres uden forudgående varsel.