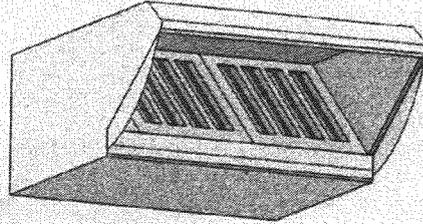


3.3 RATIONAL exhaust hoods

As optional extras RATIONAL supplies unit hoods without external exhaust air (UltraVent) and with external exhaust air (exhaust hood).



UltraVent exhaust hood with condensation system

The condensation technology in UltraVent absorbs and dissipates steam. There is no need for complicated and expensive installations to remove exhaust air. Installation is simple and it can be retrofitted at any time. There is no need for a connection to the outside.

UltraVent Plus condensation hood with smoke filter

In addition to the UltraVent condensation technology there is also UltraVent Plus, which is equipped with special filters. This prevents both vapours and the lingering smoke that builds up while grilling and roasting. RATIONAL units can be installed even in critical locations, such as shop-front areas.

- › Easy to install and retrofit.
- › Electrical connection: 1 NAC 230 V.
- › Power rating 450 W.
- › Extraction rating max. 900 m³/h.
- › Noise level: Stage 1: 65 dBA, stage 2: 70 dBA
- › UltraVent is not ducted to a ventilation and air conditioning system. As UltraVent does not form part of the ventilation system, it is not covered by the provisions of VDI 2052.
- › Due to the condensation effect of UltraVent the exhaust air requirement can be reduced by 27 m³/h per kilowatt of rated consumption.
- › Relative exhaust humidity is reduced to between 37 % RH and 40 % RH, hence it is below ambient humidity. This means that UltraVent dries the ambient air due to the lower humidity and the somewhat higher exhaust temperature.
- › The UltraVent exhaust hood with condensation system should only be used on units with right-hinging doors. It may be used on left-hinging units, but this restricts the extraction function.