



aSAP Renovation Air Handling Unit (a Self Assembly Package)



On-site assembly

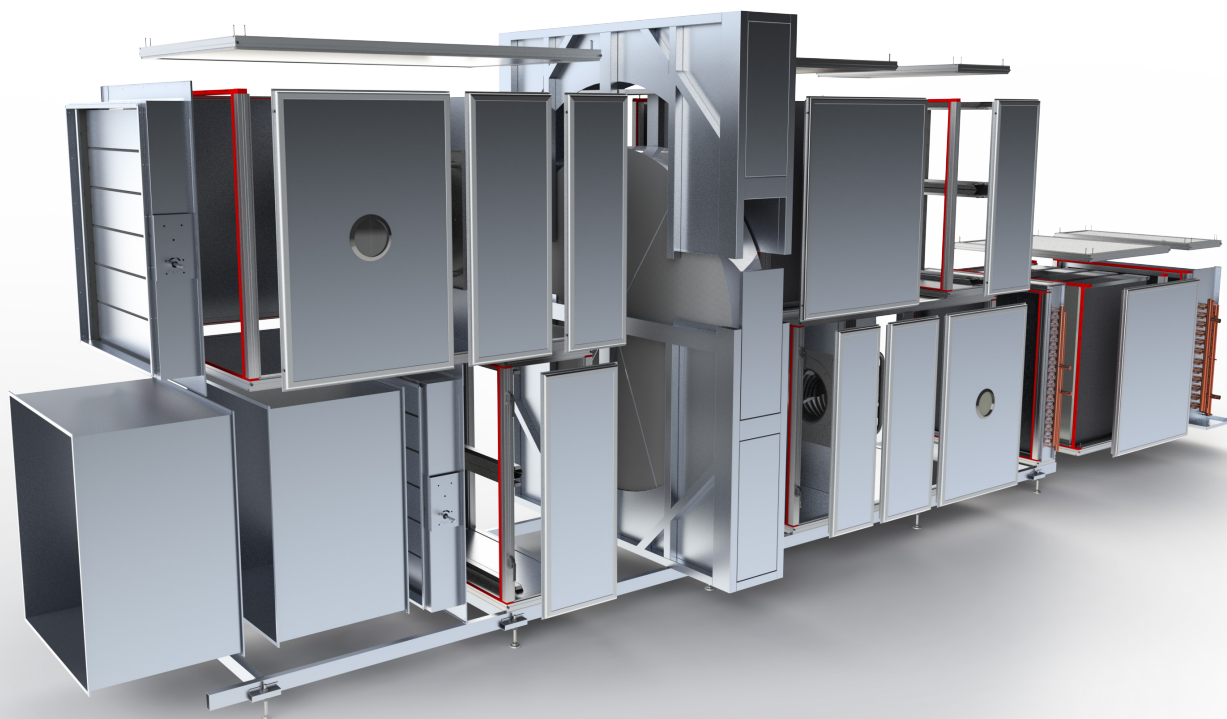
Easy transportation for narrow spaces

General information

ETS NORD Recair's aSAP renovation air handling unit is designed for sites where it is not possible to haul an air handling unit into place without costly structural openings and roof demolition. The machine is designed to meet the requirements in terms of tightness, structural strength, and performance.

The aSAP renovation air handling unit is first assembled at the factory, the parts are marked (to facilitate the reassembly of the machine) and the machine sections are disassembled for delivery. On site, the machine is assembled either by authorised ventilation technicians or by ETS NORD Recair technicians. With just a screw-driver, the assembly process is quick and easy.

The aSAP renovation air handling unit always requires project-specific planning, which is why ETS NORD's Design Service and Sales help with the planning of renovation projects, providing tailor-made solutions for different needs.



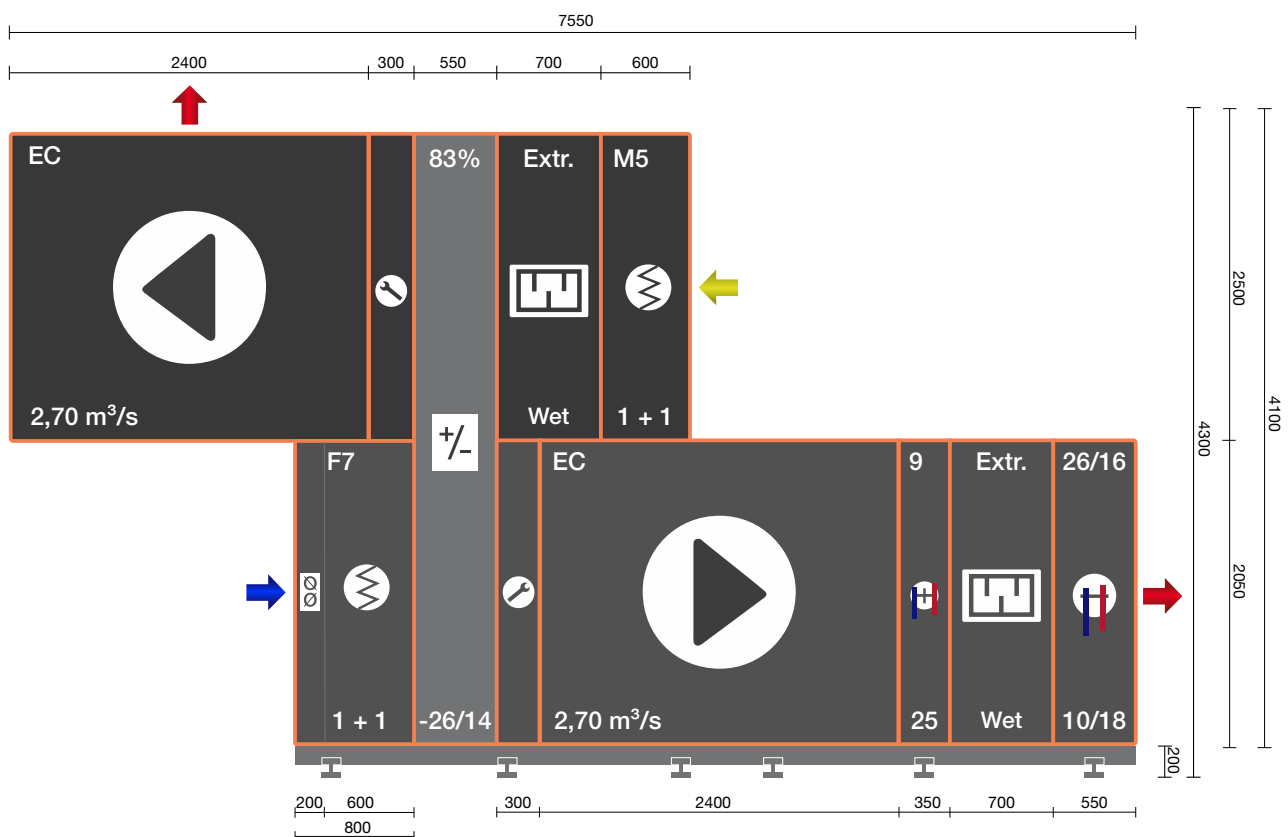
Design

If the project has determined that it is not feasible to deliver new air handling equipment using the traditional delivery method, the solution is an aSAP renovation air handling unit. Once you know the functions of the air handling unit you need and the sizes of the skid routes, you can contact ETS NORD Recair Sales

Designing the aSAP Renovation Machine is easy

The design of the aSAP solution is based on dividing each functional part of the air handling unit into its own machine section, allowing the machine to be prefabricated in the factory as far as possible. Sections that do not fit through the existing opening are designed as aSAP renovation sections on a project-by-project basis. This allows large fan and silencer casings, as well as large rotor and plate heat exchanger casings to be lifted into the engine room.

The design can be carried out either with our easy-to-use AHUiQ sizing program or in cooperation with the expert ETS NORD Design Service.



Space requirements for existing openings

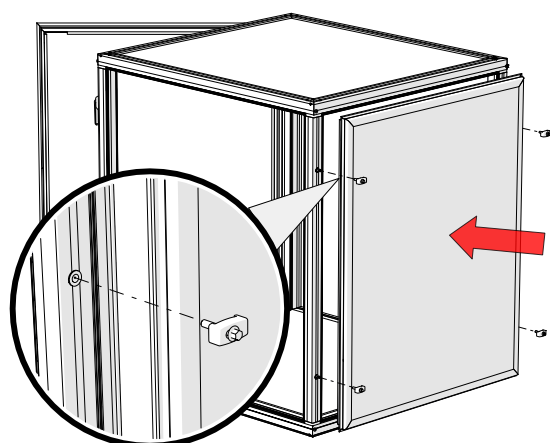
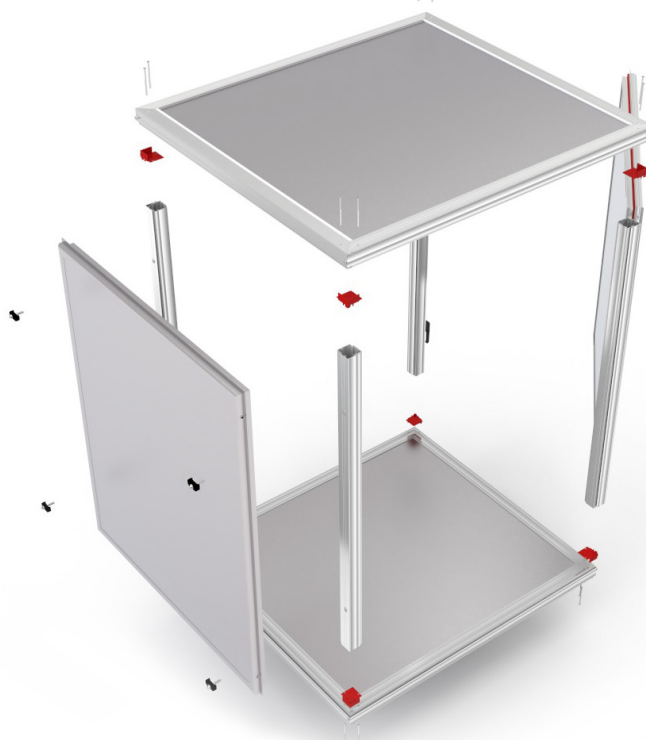
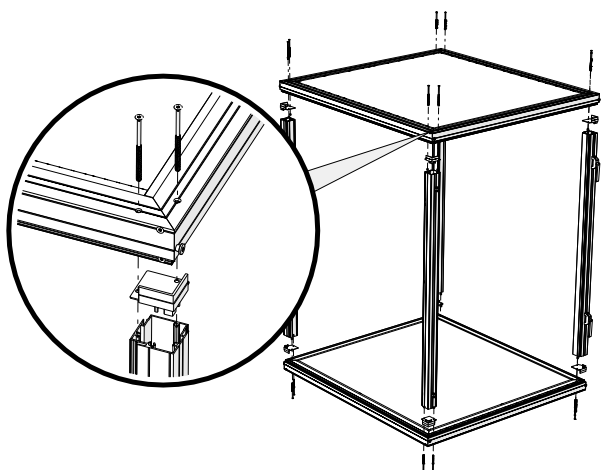
The table below shows the space requirements of the existing openings to help with the preliminary investigation. ETS NORD Design Service helps you to design your aSAP renovation air handling unit on a project-specific basis.

		WIDTH mm						
		720	1010	1320	1600	1910	2500	3100
HEIGHT mm	620	2A (0,5 m³/s)	2B (0,8 m³/s)	2C (1,1 m³/s)	Unit sizes 2A-4F: width×height of the transport openings 800×2150			
	770	3A (0,7 m³/s)	3B (1,0 m³/s)	3C (1,4 m³/s)				
	1100		4B (1,5 m³/s)	4C (2,1 m³/s)	4D (2,6 m³/s)	4E (3,2 m³/s)	4F (4,1 m³/s)	
	1450	Unit sizes 5C-6F: width×height of the transport openings 1000×2150		5C (2,7 m³/s)	5D (3,4 m³/s)	5E (4,1 m³/s)	5F (5,4 m³/s)	
	1750					6E (5,0 m³/s)	6F (6,8 m³/s)	
	2050	Unit sizes 7D-8G: contact your Recair product manager					7F (8,1 m³/s)	7G (10,0 m³/s)

Please contact ETS NORD Design Service or Sales if the opening is smaller than in the above table.

Assembly and installation

- aSAP renovation sections are assembled, labelled, and dismantled at the factory, then delivered unassembled to the site.
- The unique design allows the marked parts to be joined tightly with a simple screwdriver.
- The responsibility for the installation of the aSAP renovation section is agreed on an order-by-order basis.



ETS NORD AS

Address: Peterburi tee 53
11415 Tallinn
Estonia

Phone: +372 680 7360
info@etsnord.ee
www.etsnord.ee

ETS NORD Finland

Address: Pakkasraitti 4
04360 Tuusula
Finland

Phone: +358 40 184 2842
info@etsnord.fi
www.etsnord.fi

ETS NORD Sweden

Address: Järsjögatan 7
692 35 Kumla
Sweden

Phone: +46 19 554 20 50

Address: Pinjegatan 5
213 63 Malmö
Sweden

Phone: +46 40 94 68 70

Address: Förrådsvägen 5
151 58 Södertälje
Sweden

Phone: +46 8 550 301 40

info@etsnord.se
www.etsnord.se

ETS NORD International

info@etsnord.com
www.etsnord.com



*Let's move the air **together!***