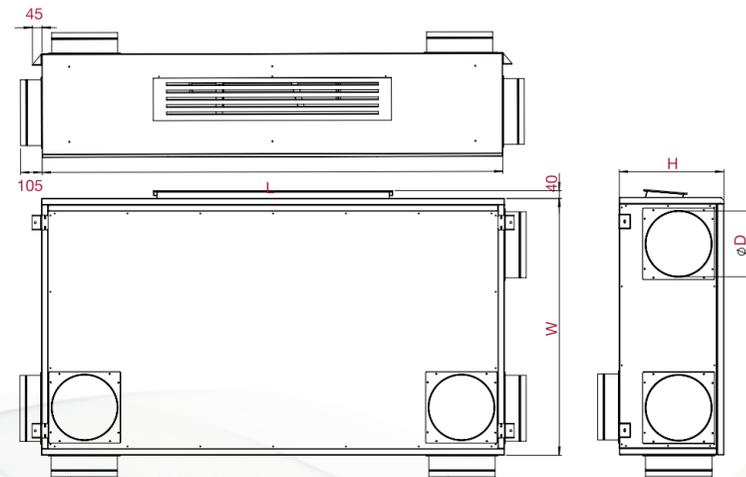


Technical Data

MODEL	Air Flow (m³/h)	External Pressure (Pa)	HRU Efficiency* (%)	Sound Pressure (dBA)**	Unit Operation Power (W)***	Unit Operation Current (A)***	Electrical Heater (Post and Pre Heater) (W)	Main Electrical Supply
ASU 600	600	100	82	37	178	1,32	1200	230 V/50 Hz / 1 Ph
ASU 1100	1100	100	83	38	324	1,46	1800	230 V/50 Hz / 1 Ph

* Condensation Exchanger Efficiency ** Measured from 2 meters *** Electrical heater is excluded

Unit Dimension



MODEL	Dimensions			Duct Connection	Weight
	LENGTH (mm)	WIDTH (mm)	HEIGHT *(mm)	D (mm)	(kg)
ASU 600	1849	1225	435	Ø250	210
ASU 1100	2199	1225	495	Ø315	285

* Semi-Recessed version's height is decreased by 110 mm ** For Full Recessed version Supply Duct dimensions are 1137x205 mm

Equipment Details

Standard	Option
Touch Panel	Built-in Electrical Pre-heater (On/Off)
Drain Pump	Built-in Electrical Post-heater (Proportional)
%100 Proportional HEX Bypass Damper	CO2 Sensor
Fresh Air and Exhaust Damper	Enthalpic Counterflow Heat Exchanger
Fan Control	
Integrated Control System	



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ATC ASU Leaflet ATC ADVU Leaflet ATC AHU Catalog



ATC HRU Catalog ATC General Catalog ATC Product Videos



Product Leaflet
ATC SCHOOL UNIT

ASU is an ErP 2018 compliant ventilation unit specifically designed for schools and educational facilities, where comfort, efficiency and quiet operation are essential.

The unit is equipped with a high-efficiency plate heat exchanger, providing reliable heat recovery while maintaining complete separation between fresh air and exhaust air streams.

High-efficiency EC plug fans are used to deliver reliable airflow performance while minimizing energy consumption.

To ensure a comfortable learning environment, special attention has been given to acoustic optimization, resulting in low sound levels suitable for classrooms and other educational spaces.

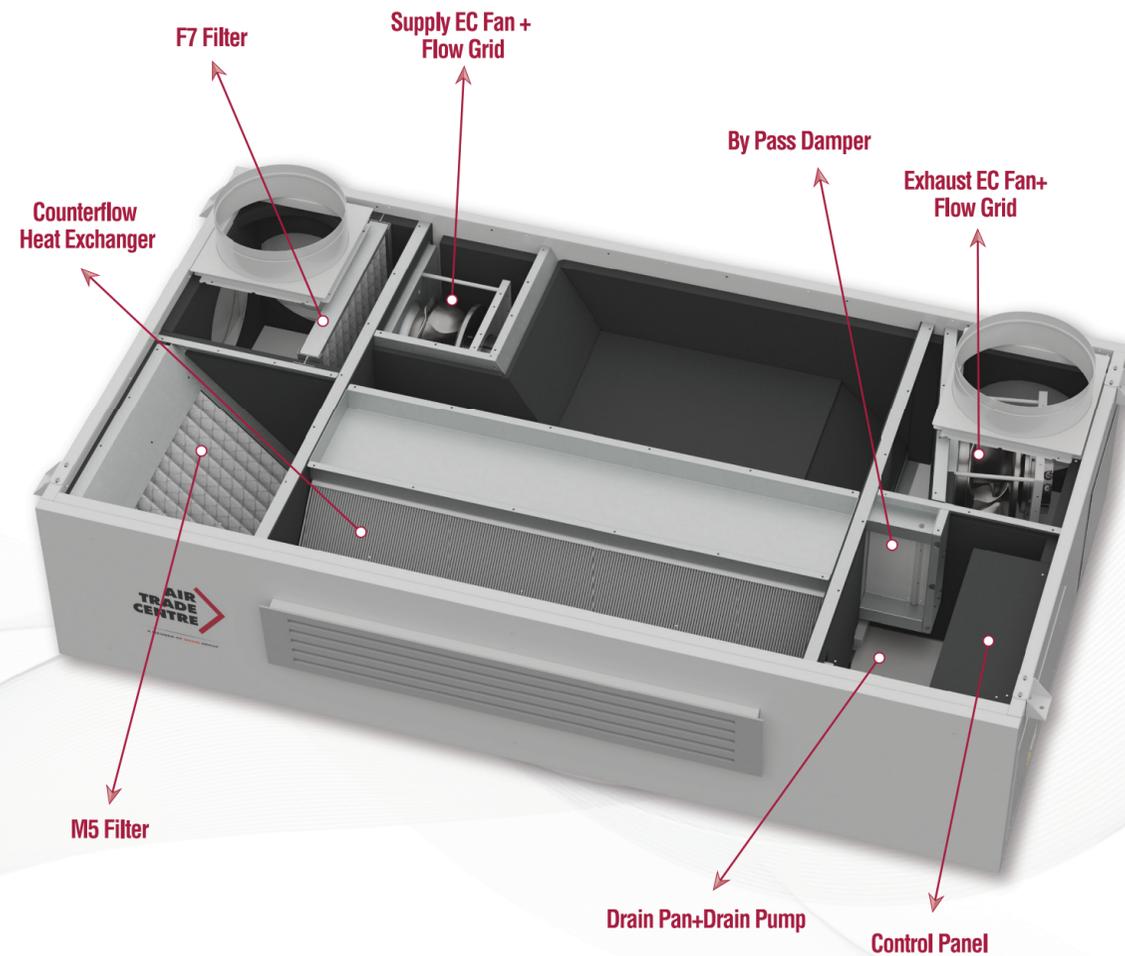
ASU Can be configured with various application options, allowing flexible adaptation to different project requirements and ventilation needs.

For easy installation and operation, the unit is supplied with a user-friendly Plug & Play control panel.

PLUG
&
PLAY

Plug & Play Control Panel

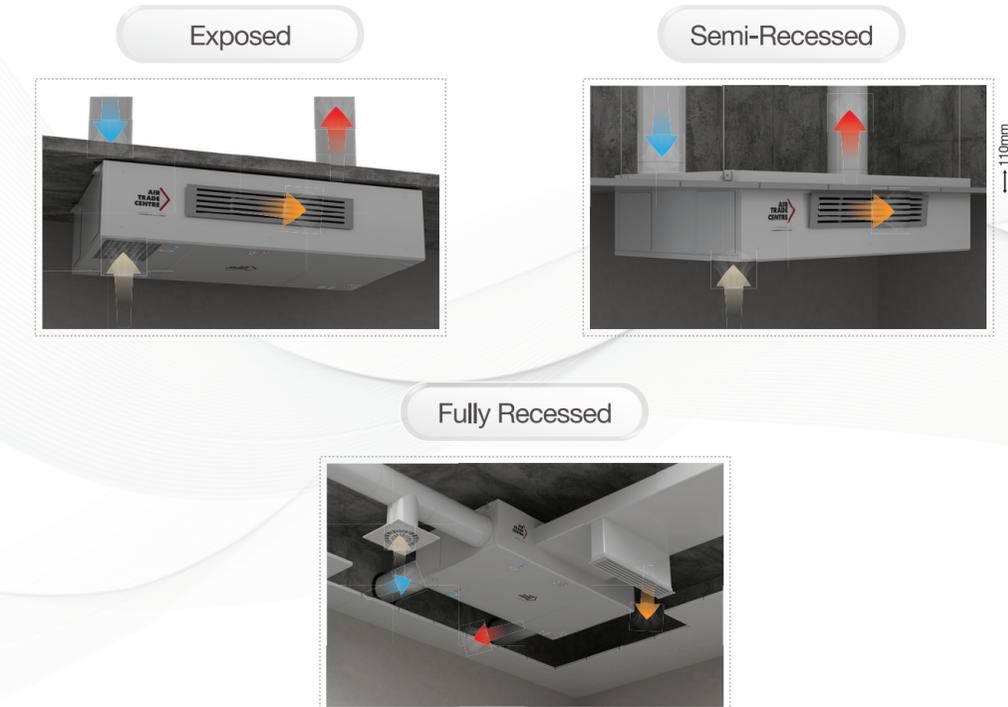
- ▶ Acoustic Optimized Design & Construction for Low Noise Operations
- ▶ Multiple Fresh Air and Exhaust Air Connection Options
- ▶ Designed for Flexible Ceiling Installation – Suitable for Exposed, Semi-Recessed and Fully Recessed Applications
- ▶ Plate Heat Exchanger Frost Protection Control
- ▶ Plug and Play
- ▶ Temperature Control
- ▶ BMS Communication (BACnet IP, Modbus RTU, Modbus TCP/IP, BACnet MS/TP)



Multiple Fresh and Exhaust Air Connection Options



Designed for Flexible Ceiling Installation – Suitable for Exposed, Semi-Recessed and Fully Recessed Applications



* The fresh and exhaust dampers are duct type and are loose with the unit.

■ Exhaust
 ■ Supply
 ■ Fresh
 ■ Return