

DANX 1-2-3 XD



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DanX XD with double crossflow heat exchanger

The DanX XD is a very effective ventilation system that uses outdoor air to provide dehumidification using a double cross-flow exchanger that delivers up to a 95% heat recovery. This reduces energy consumption and total operating costs, thus making the unit perfect for managing humidity and temperature in the pool room.

For both DanX HP and DanX XD

The built-in mixing function takes care not to add any more outdoor air than necessary to provide a comfortable indoor climate. Free cooling is also an option during the summer, where the unit can add up to 100% outdoor air into the pool area through a by-pass. The unit's compact, integrated design enables optimal installation in the technical room. Convenient top or side connections ensure easy access to ducts.

- Built-in user friendly control system for high-quality demand management Automatic monitoring and control of pool hall temperature and humidity The custom-built software runs the unit as efficiently as possible under different conditions
- Double crossflow heat exchangers with a high efficiency of more than 95% and a low pressure drop
- Built-in by-pass for free cooling in summertime
- Highly energy-efficient EC plug fans
- Efficient M5/ePM10 70% and F7/ePM1 55% compact filters with low pressure drop
- Self-bearing cabinet with hot-dip galvanised, powder-painted sandwich panels with 50mm mineral wool insulation, internal partition walls with 30mm and bottom frame with adjustable feet
- Designed to withstand the aggressive swimming pool environment (Corrosion class C4 according to EN/ISO 12944-2), with epoxy-coated crossflow heat exchangers heating coil with aluminium frame, pre-painted fins and epoxy coating to protect all fasteners, bolts, nuts
- Two large inspection doors with strong hinges and tongue locks and handles for easy access for service
- All-in-one box solutions for easy and quick installation – all sensors and electrical components pre-connected
- BMS communication with either Modbus or BACnet

Optional accessories

- Water trap - 092447
- Fire thermostat 40°C/70°C - 101277
- Attendance transmitter - 076092
- Outdoor sensor - 018092
- Frost thermostat for LPHW coil Auto reset - 101953
- Frost thermostat for LPHW coil MAN reset - 102092
- 3.5" control panel, touch screen - 109404

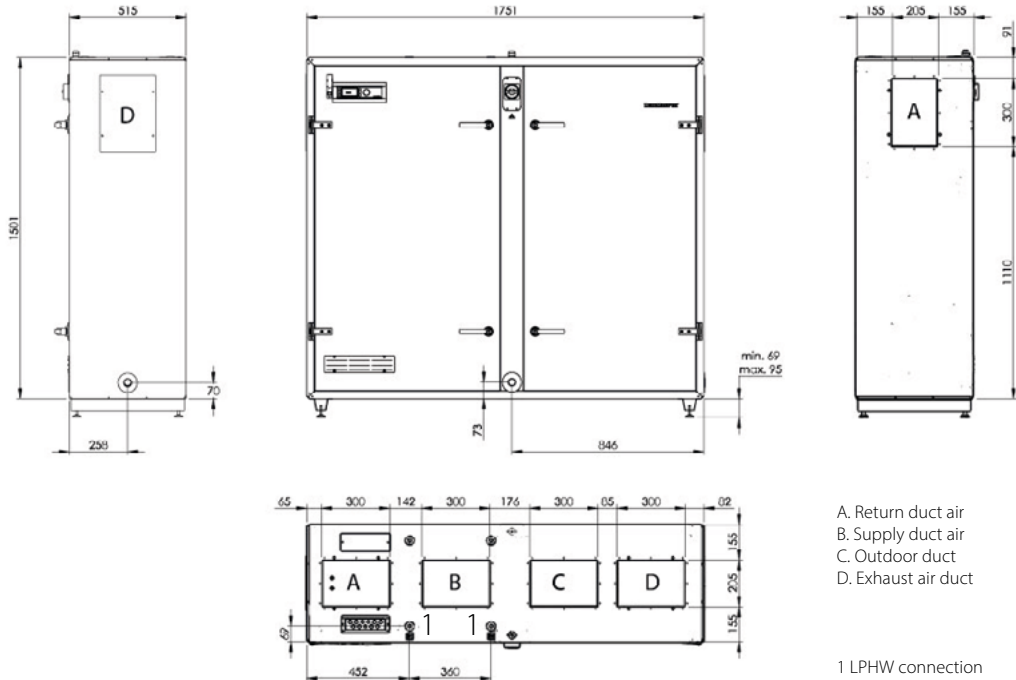
Specifications	Units	DANX 1 XD	DANX 2 XD	DANX 3 XD
Nominal air volume	m ³ /h	1,000	1,750	2,750
Max. air volume	m ³ /h	1,300	2,100	3,700
Max. external duct pressure*	Pa	350	350	350
Outdoor air volume	%	0-100	0-100	0-100
Dehumidification capacity VDI 2089**	kg/h	7	11	18
Max. power consumption	kW	1.1	1.2	1.9
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Product size (w x d x h)	mm	1750 x 515 x 1570	1750 x 780 x 1570	2250 x 890 x 1990
Weight	kg	254	344	465

* at nominal air volume, ** at 30°C/54% indoor

DANX 1-2-3 XD



DanX 1 XD dimensions (mm)

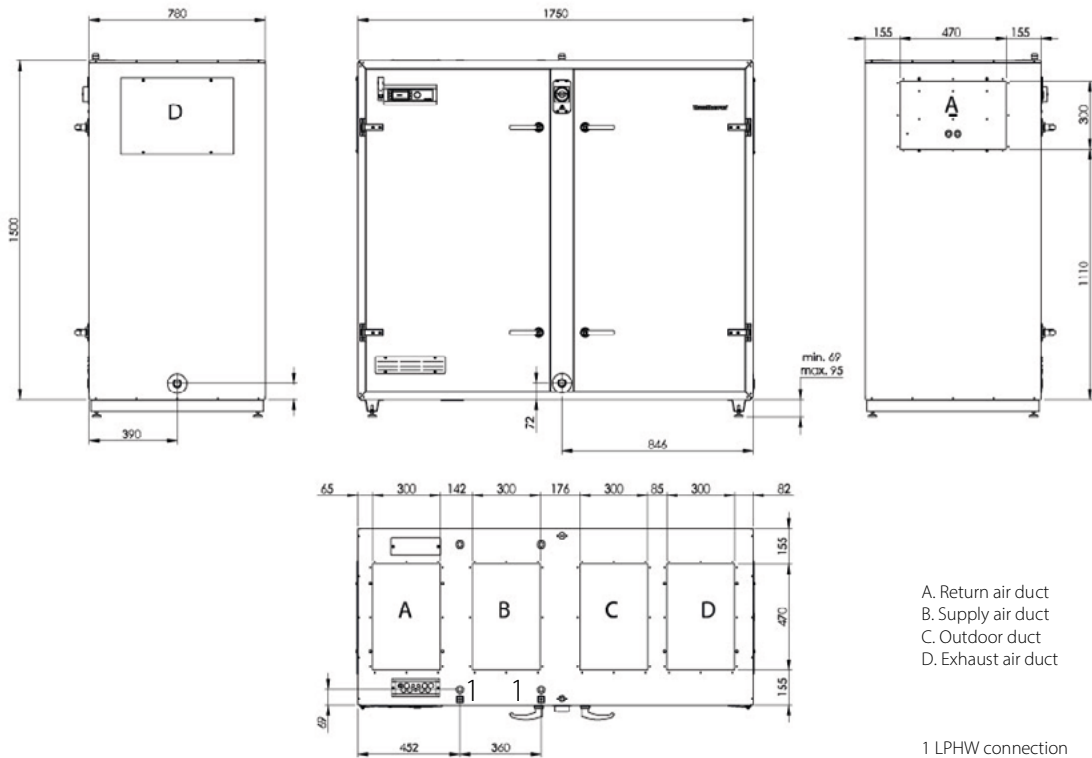


- A. Return duct air
- B. Supply duct air
- C. Outdoor duct
- D. Exhaust air duct

1 LPHW connection

The unit shown in the picture is left hand position.

DanX 2 XD dimensions (mm)



- A. Return air duct
- B. Supply air duct
- C. Outdoor duct
- D. Exhaust air duct

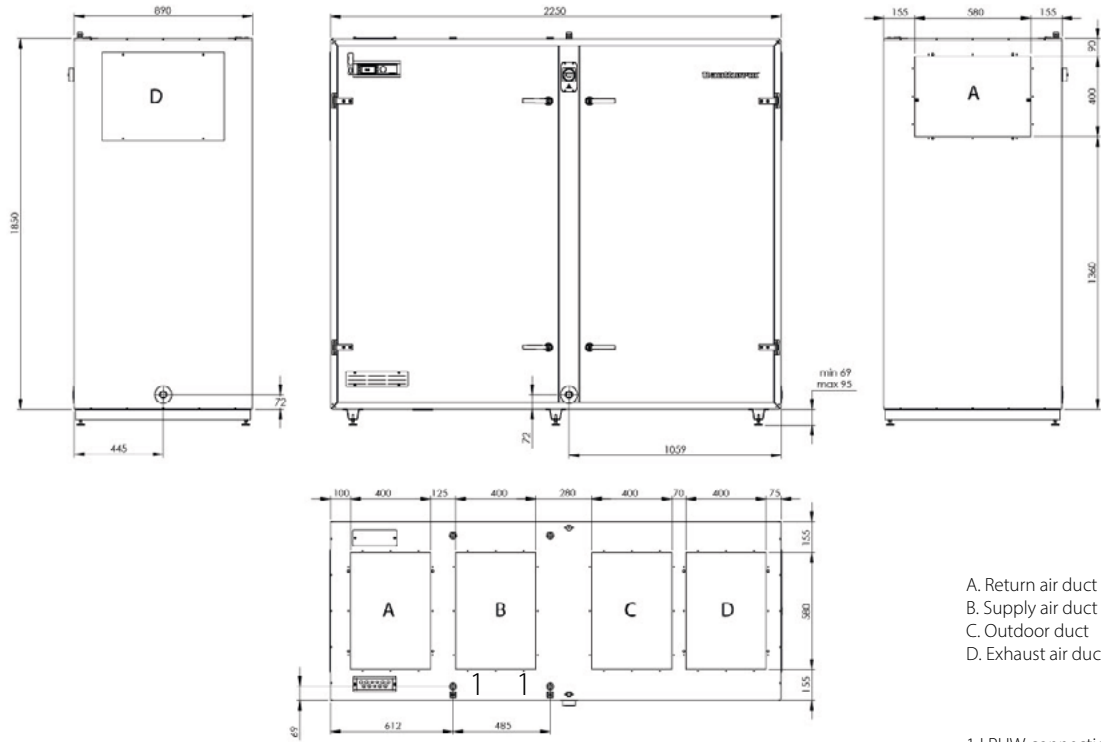
1 LPHW connection

The unit shown in the picture is left hand position.

DANX 1-2-3 XD



DanX 3 XD dimensions (mm)



- A. Return air duct
- B. Supply air duct
- C. Outdoor duct
- D. Exhaust air duct

1 LPHW connection

The unit shown in the picture is left hand position.