FLEXIT. BETTER INDOOR CLIMATE

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FLEXI1

ProNordic air handling units

For commercial buildings

ProNordic is a new series of air handling units Flexit which provides clean and fresh air in commercial buildings such as offices, warehouses, nursery schools, schools, gyms and shops.

15 different models, all energy-efficient, low-noise air handling units with airflows up to approx. 6 000 m3/h.

If even more capacity is required – e.g. for a really large school – the building can usually be divided into sections, with a unit to supply each section.



Flexible, compact and easily installed air handling unit. Available both as S models connected from the top and L models connected at the side.



8 different S models



7 different L models



Units are delivered as right-hand versions, but can easily be converted to left-hand version on site. The post-heating battery (electricity/water) and other accessories are supplied separately.

Compact physical dimensions means that the unit is easy to transport, while the products are flexible and can be adapted to most installations.

Units can also be delivered pre-configured according to requirements, with a two-week delivery time (from 2022).



ProNordic has more advantages (compared to Albatros)

- More models higher airflow capacities
- Fan motors and blades are more energy efficient
- Higher efficiency of rotor heat exchanger
- Upgraded control system CS2500 from Siemens
- Units ready configured to order



Advantages of CS2500 (compared to CS2000)

- New regulator with better safety and larger memory
- Direct Modbus communication with the new regulator
- More functions and new functions direct from the regulator
- Modern web layout with more parameters (SFP) and simplified functions on the control panel
- New ProTouch control panel



ProNordic is easy to control with Siemens Climatix CS2500 with a choice of two different control panels as accessories:

ProPanel Standard panel

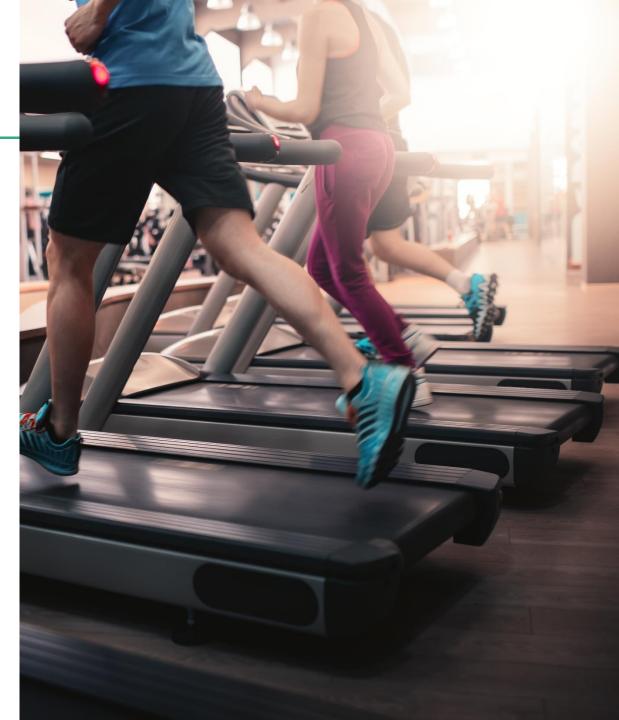
ProTouch Touch panel from Siemens (Android) with app for local connection to the products

Operation with ProTouch panel – <u>Watch movie >></u>



ProPanel





Conversion table

Albatros						
Model	SFP ≤ 2.0, η = 80% Airflow [m/h]	Pressure drop [Pa]				
S10	1050	200				
S15R	1600	200				
S2OR	2100	200				
S32R	2900	250				
S50R	5000	250				
L14R	1400	200				
L20R	2100	200				
L26R	2600	200				
L32R	3525	250				
L50R	5000	250				

WITHOUT DAMPER, values in parentheses

ProNordic							Preliminary
Model		Airflow [m/h], η = 80%		Airflow [m/h, η = 85%		drop	launchperiod
	$SFP_v \leq 2.0$	SFP ≤ 2.0	[Pa]	$SFP_v \leq 1.5$	<i>SFP</i> ≤ 1.5	[Pa]	
S100R	1030	1275	200	695	950	135 (150)	Done
S140R	1365	1555	200	960	1250	150	Done
S180R	1600	1800	200	1030	1060	160 (200)	Done
S220R	2200	2400	200	1150	1550	200	Feb
S240R	3100	3100**	250	N/A***	2700	250	Mar
S260R		4000*	250		2500*	250	Q2 2022
S300R		5000*	250*				Q2 2022
S340R		5400/60 00*	250*				Q2 2022
		00^					
L110R		1300*	200		On going		Mar/Apr
L150R		1900*	200		On going		Mar/apr
L190R	2500	2600	200	1550	1850	200	Feb

L230R	2950	2950 **	250	N/A***	1950	250	Mar
L270R		3800*	250	2500*		225	Q2 2022
L310R		5000*	250*				Q2 2022
L350R		5400/60 00*	250*				Q2 2022

Preliminary

** Limited by fan capacity

*** Can't reach SFP < 1,5 with adjusted damper at 250 Pa

SFP_v SFP with adjusted damper

SFP SFP without damper



- Units kept on stock
- Flexible wrong orders are impossible
- Energy-efficient and low-noise
- Compact can go through a 70/80 cm doorway
- Easy control with Siemens Climatix CS 2500
- Can be ordered pre-configured if wanted



The first units has been launched, <u>link to product page >></u>



