LCC PRODUKT

Energiasäästlikud ventilatsiooni seadmed

19.05.2022 Urmas Pilpak

© IV Produkt AB

uus!

Easy ACCESS

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Hea **võimalus** suurendada energiaefektiivsust olemasolevates hoonetes

Euroopa energiakasutusest

40 %

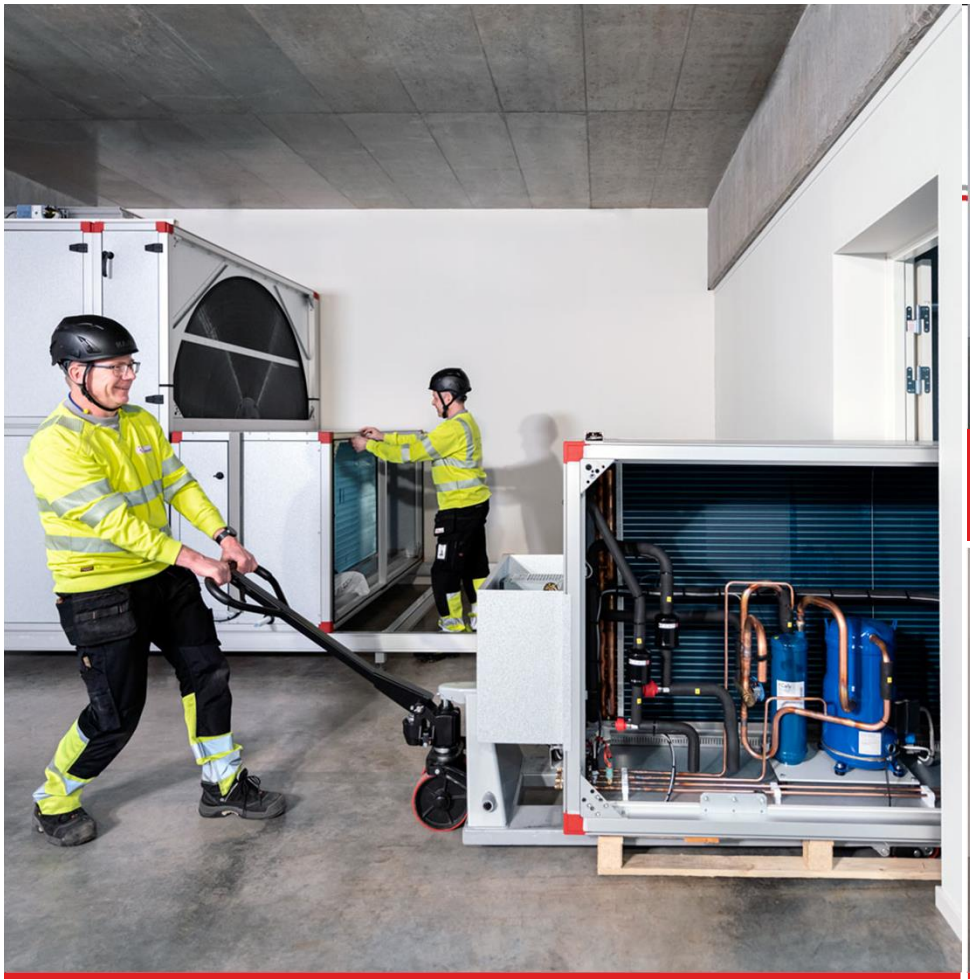
moodustavad ehitised

Ventilatsiooniseadmete paigaldus võib olla keeruline väljakutse

Rikkumata hoone arhitektuurset ilmet

Projekteerimisel on arvesse võetud reaalseid olukordi

Pidev toodete arendus



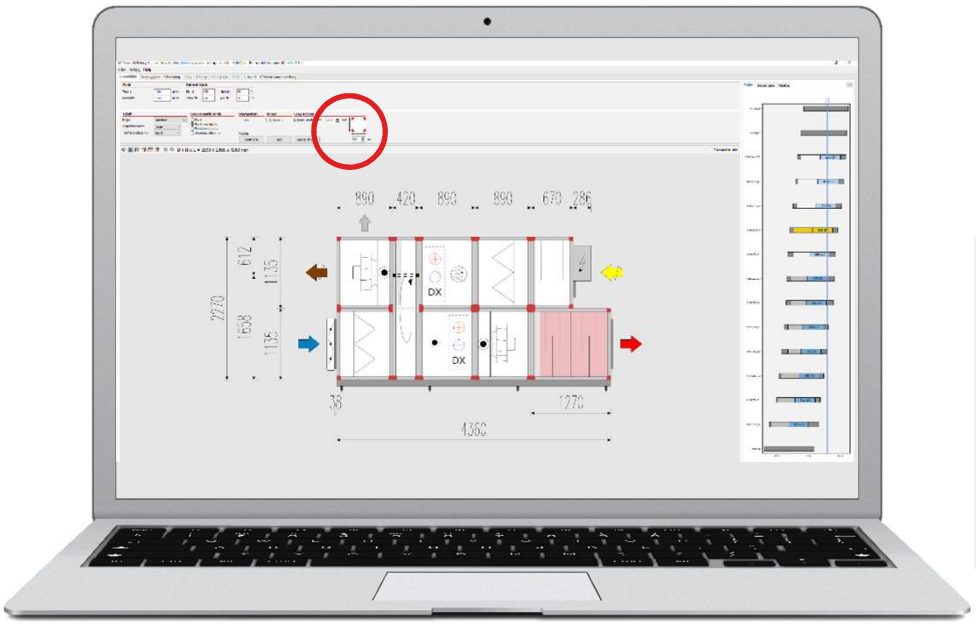
Envistar Flex

Envistar Top

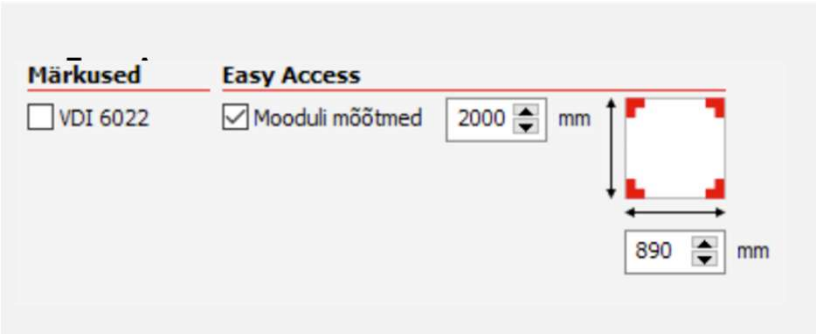
Vastuvoolne soojusvaheti

IV Produkt Designer

Valikuprogramm automaatselt jagab seadme osad väiksemateks mooduliteks

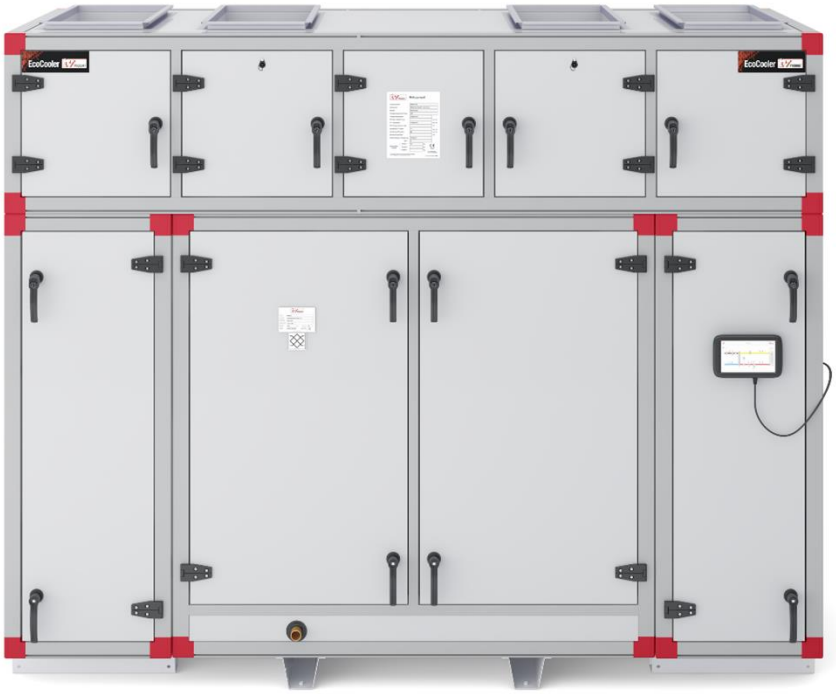


easy access



Envistar Top **UUDIS**

Envistar Top
Vastuvoolne plaatsoojusvaheti + Ecocooler



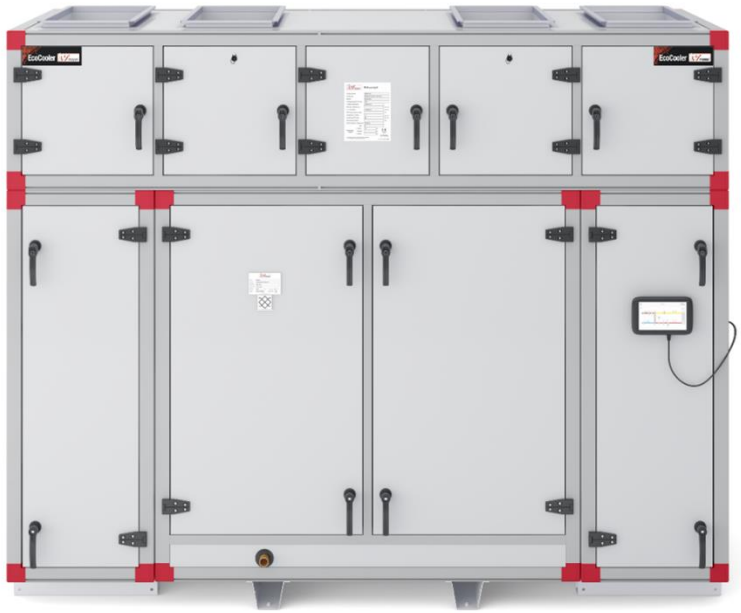
Envistar Top Easy Access
UUDIS

uus!

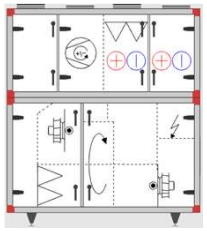
Top 04, 06, 10 Vastuvoolne plaat + EcoCooler
700 mm

- Tarnitav kuni 5 osalisena
- CE tähisega valmis toode
- 3 suurust
- Õhuhulgad 0,15-0,95 m3/s
- Suvine jahutustagastus
- ODS-sulatusfunktsioon

Kompakt / Blokk – tüüpi tarne



Envistar Top **Easy Access**



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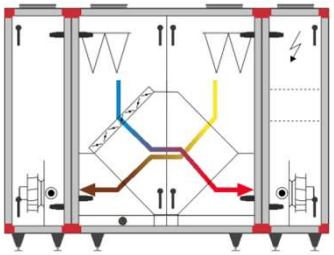
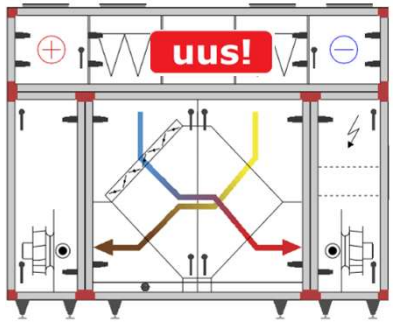
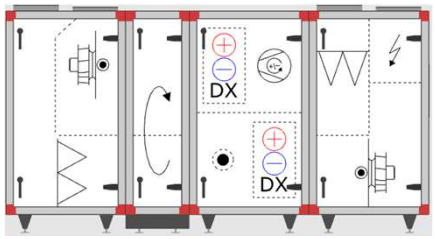
Top 04–06
Rootor
748–890 mm

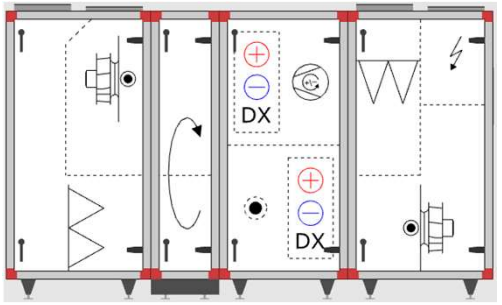
Top 04–10
Vastuvoolne
Plaat
748–890 mm



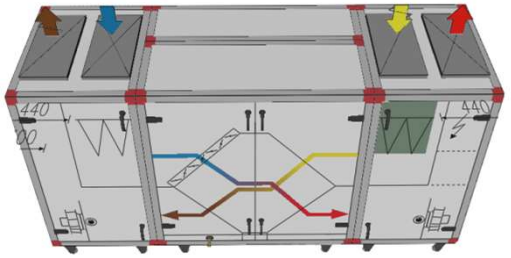




Top 09 & 12
Rootor
790 mm

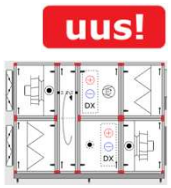


Top 16 & 21
Rootor
890 mm



Top 09 & 12 Vastuvoolne Plaat
790 mm

Envistar Flex Easy Access



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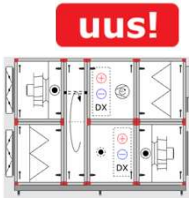

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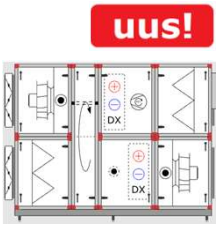

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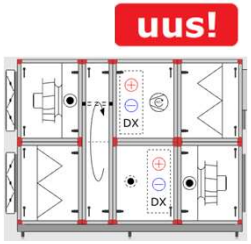
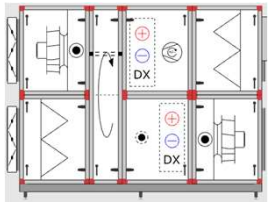
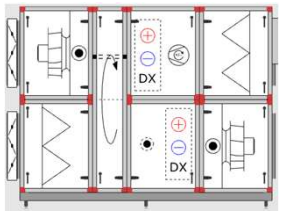


300



360



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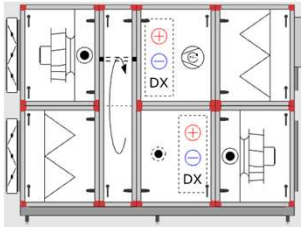

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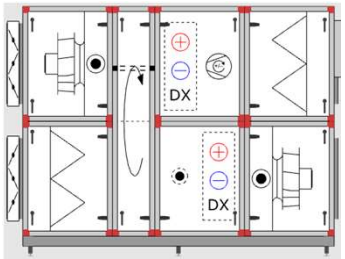
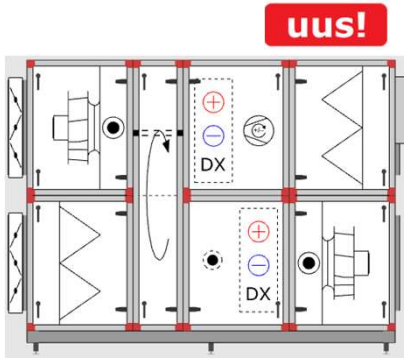


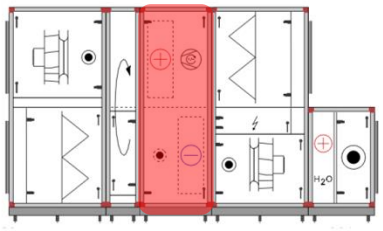
600



740

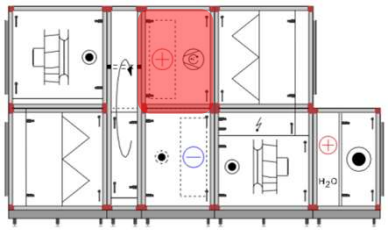
Praktiline abi ehitajale

- Easy Access seadmetele
  kuni suurus 740 = 6,5m3/s
- Kiire ja lihtne kokku panna
- Tehase kvaliteet ja CE tähistus
- Transporditav moodul on kergem



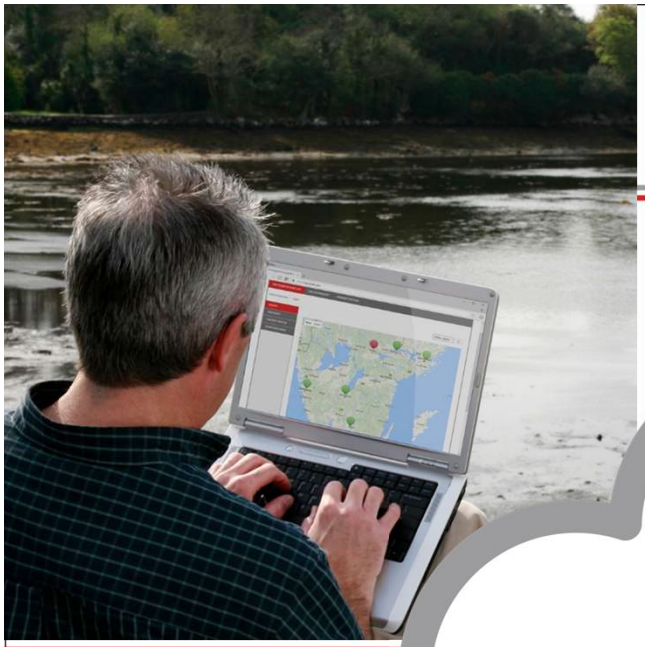
- Max 679kg

uus!



- Max 400kg

Uued võimalused
IV Produkt Cloud



Väldi mõttetuid sõite
Kontrolli, kas filtreid on
vaja vaheta
mitte koh

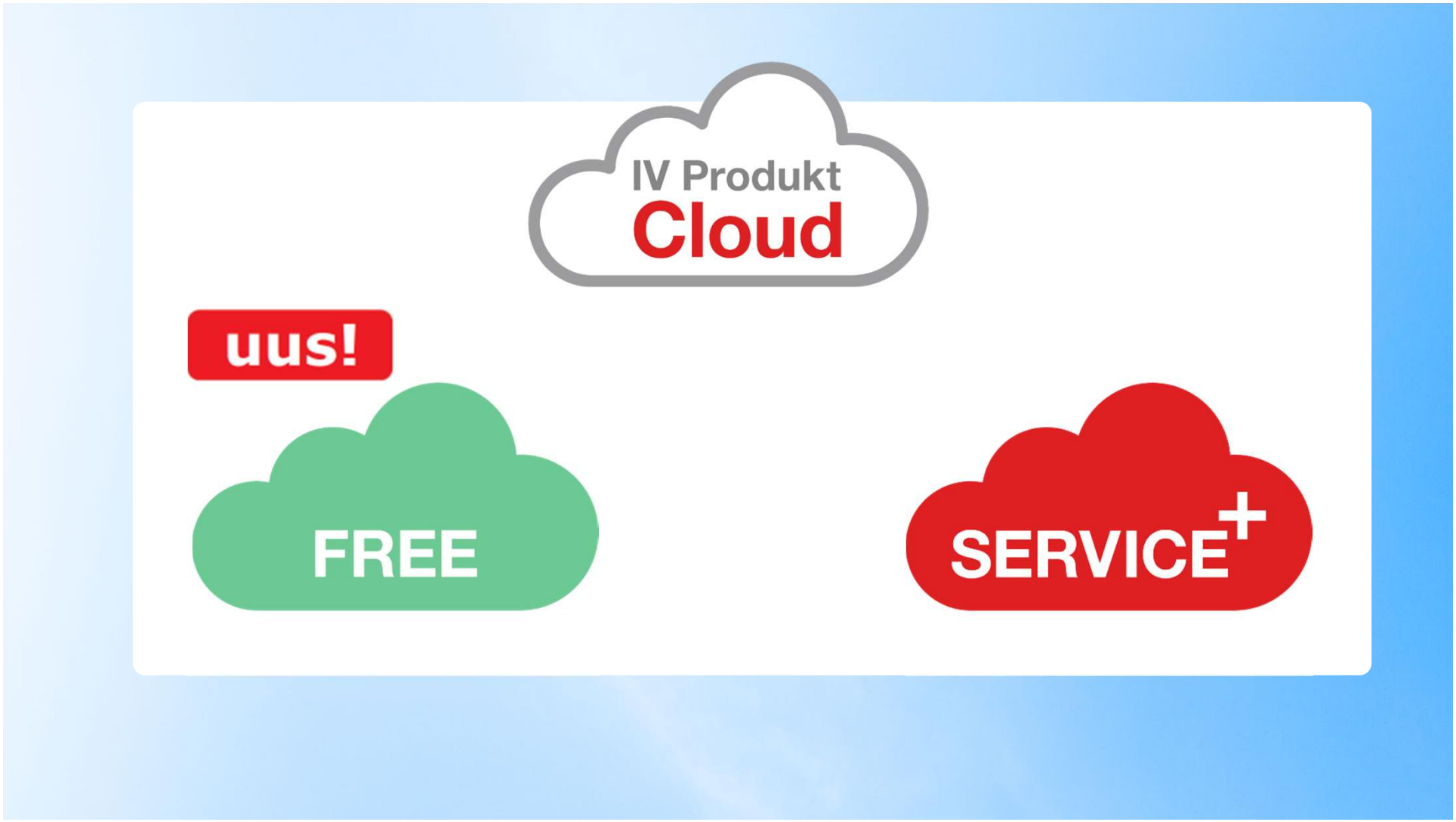
IV Produkt
Cloud

Jälgi & vaata ala
Saa teavitused
e-mailile alarmidest

vajalik sisekliima
distantsilt
Lihtne aidata klienti, et
tagada tema rahulolu

IV Produkt
Cloud

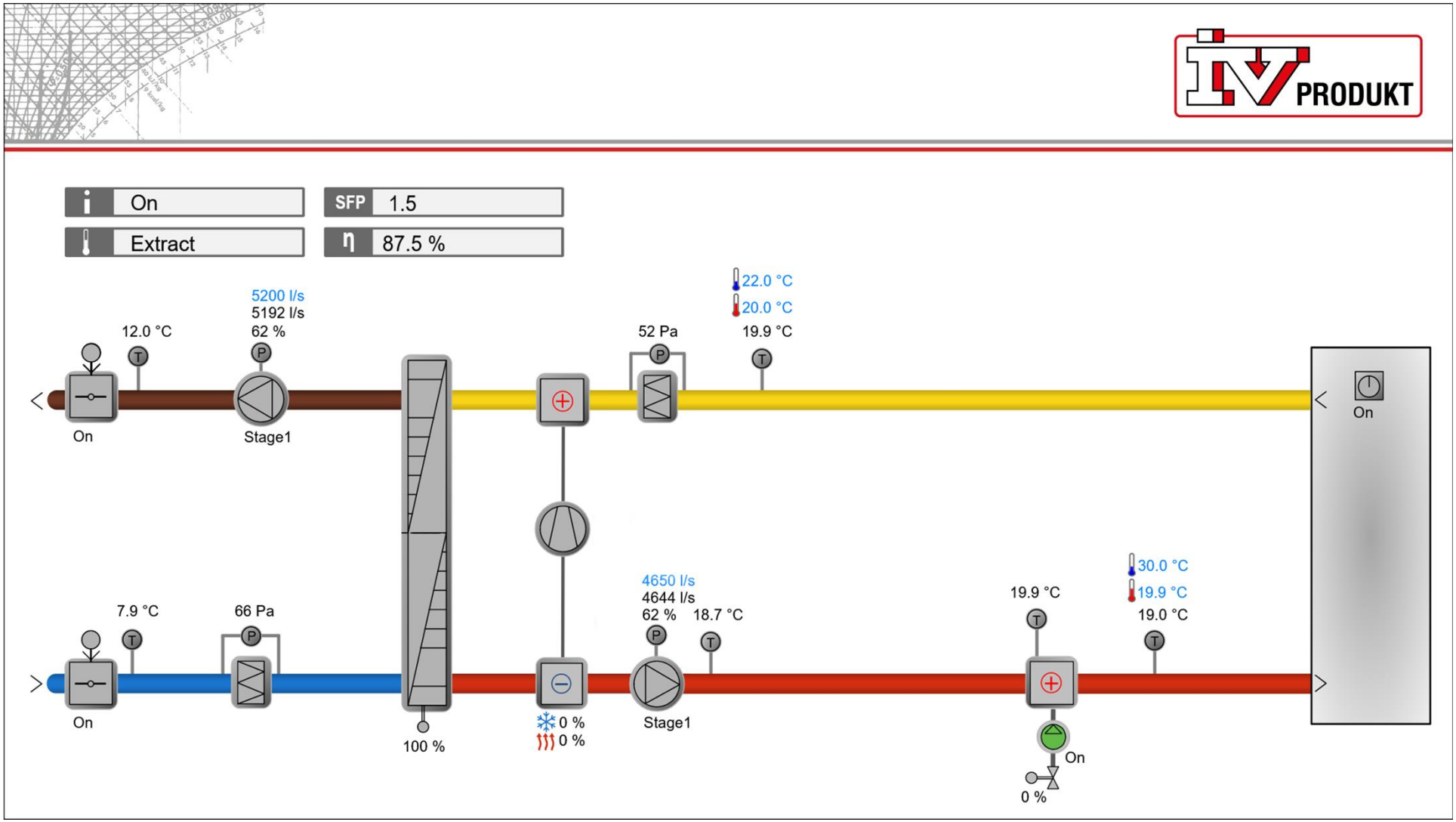
- Täielik ligipääs kontrollerile mistahes muudatuste tegemiseks
- Alarmi jälgimine, trendimine ja ajalugu
- Tarkvara uuendused


IV Produkt
Cloud
uus!
FREE
SERVICE+

uus!

FREE

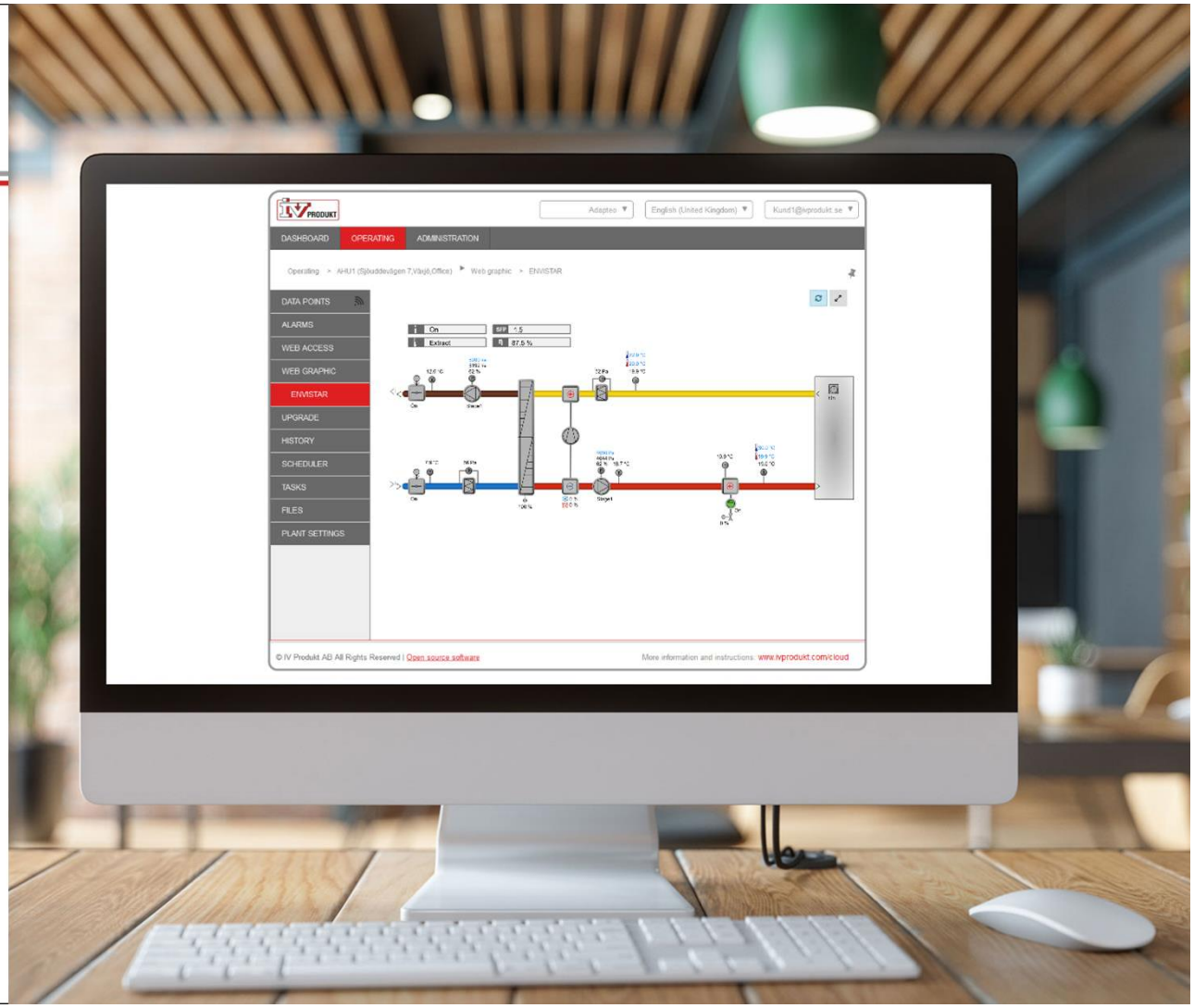
- Tasuta liitumine ja tasuta Service+ teenus esimesel kuul
- Ühendus üle interneti
- Vaata seadme andmeid ja tööskeemi, SFP, kasutegurit
- Taasta alarme
- Lihtne üle minna tasulisele versioonile


On
SFP 1.5
Extract
η 87.5 %
5200 l/s
5192 l/s
62 %
12.0 °C
52 Pa
22.0 °C
20.0 °C
19.9 °C
On
Stage1
On
7.9 °C
66 Pa
4650 l/s
4644 l/s
62 %
18.7 °C
19.9 °C
30.0 °C
19.9 °C
19.0 °C
100 %
0 %
0 %
Stage1
On
0 %

uus!

SERVICE+

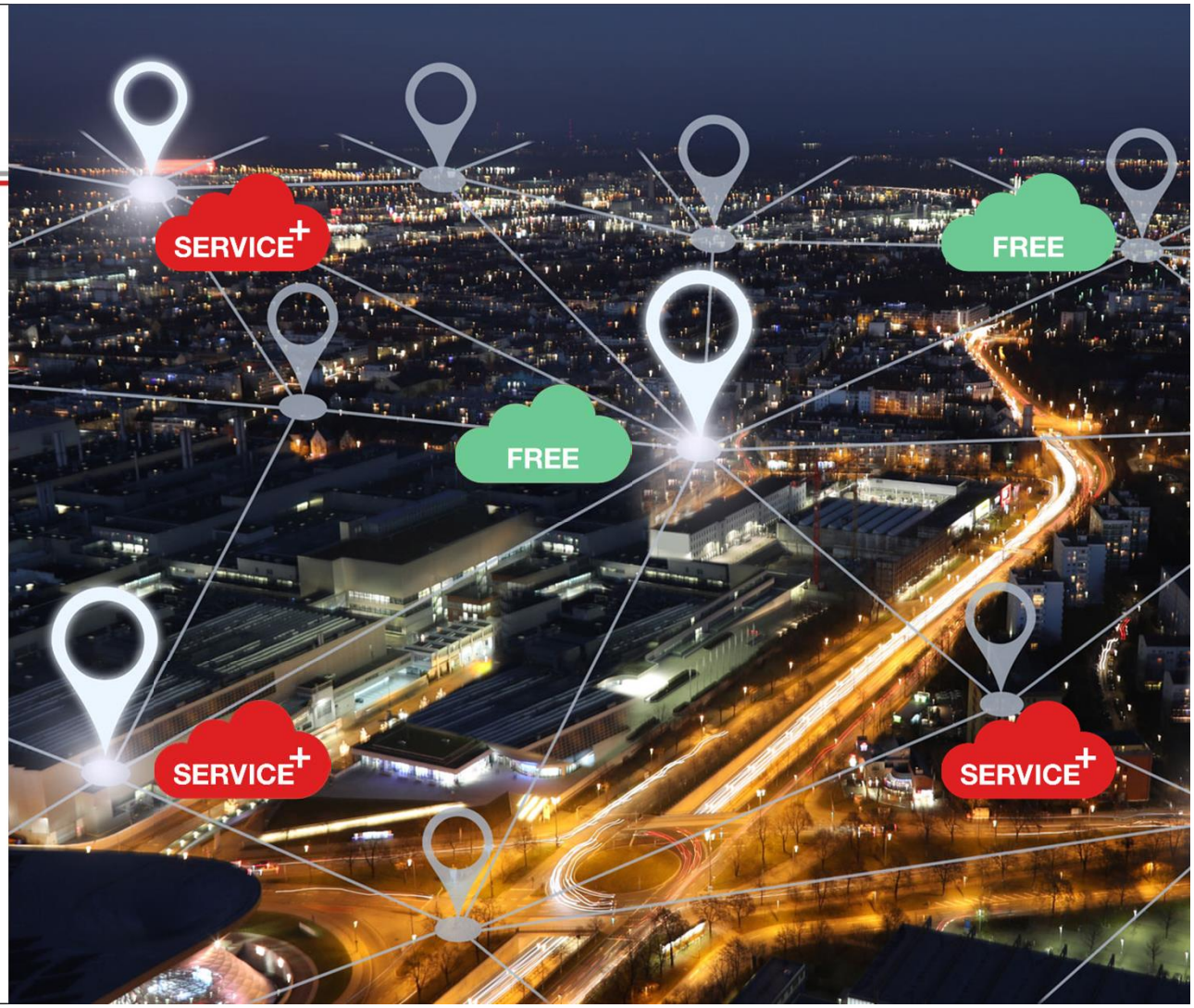
- Täielik ligipääs kõikidele kontrolleri funktsioonidele ja eadetele
- Alarmide teavitused, ajalugu ja uuendused
- Mugav süsteemi käivitusel ja õhuhulkade reguleerimisel
- Tehnilise kaugtoe võimalus IV Produkti poolt



uus!

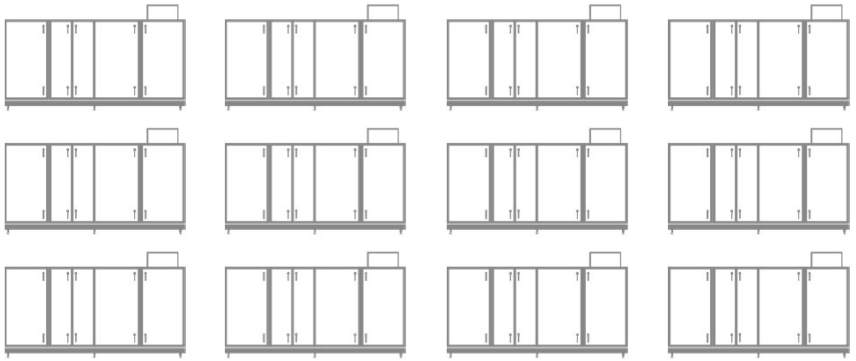
DIGITAL WALLET

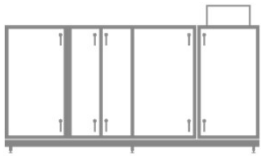
- Kui sul on palju seadmeid ja soovid neid ise hallata
- Ostes krediiti:
  rohkem seadmeid – lühem periood,
  vähem seadmeid – pikem periood
- Sellega vähendad tasulise teenuse maksumust
- 1. kuu tasuta periood



Paiguta 240 krediiti nagu **ise soovid**

=



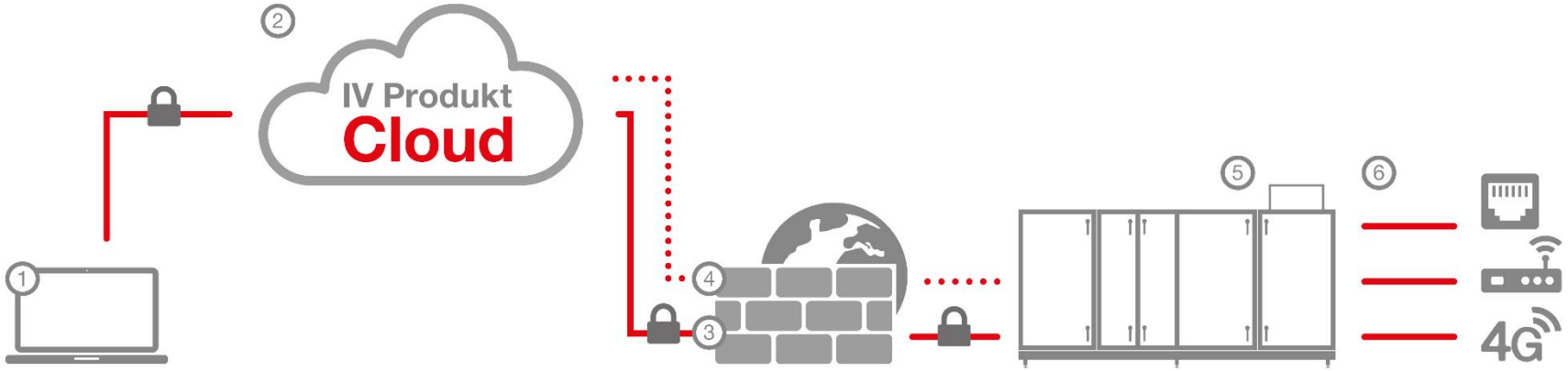


Kuidas ühendada seade internetti?

Ühenda seadme kontroller:

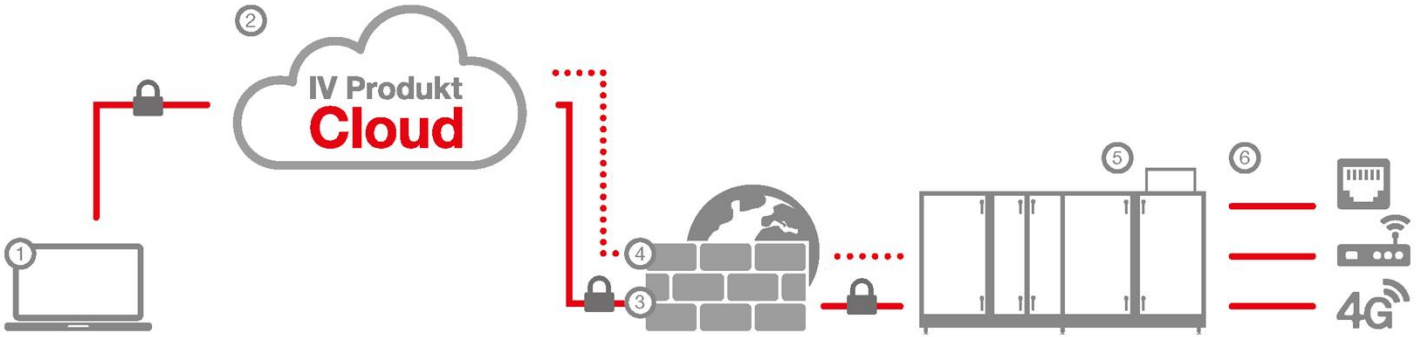
- Kaabliga hoone interneti võrku
- Wi-Fi ruuteri abil hoone wifi võrku
- 3G/4G/5G ruuteri abil

Ühenda **turvaliselt**



Connect **safely** with IV Produkt Cloud

Air handling with focus on LCC



① **The user** logs in to IV Produkt Cloud② (https://cloud.ivprodukt.com) via their Mozilla Firefox, Google Chrome, Safari or Microsoft Edge browser. The connection is encrypted using SHA-256 via HTTPS, port 443.

② **IV Produkt Cloud**② makes it easy to monitor and adjust settings for the unit via the user's browser. Data security in accordance with "EU Data Privacy Chapter 5" and Siemens' CSA security certificate SAL1.

③ **The unit**⑤ connects via a firewall to IV Produkt Cloud②, (https://clx.connectivity.ccl-siemens.com) which is encrypted with SHA-256 via HTTPS standard port 443, TLS 1.2, WebSocket: RFC 6455.

④ **When files** need to be uploaded (RFC 1867) or downloaded (RFC 2616) to the unit⑤ e.g. when sending upgrade files or retrieving parameter files, a connection will be established via HTTP, port 80 (www.climatixic.com). The connection will only be used once, and only at the request of the user. The command will be encrypted.

⑤ **The unit's control unit** where the network is connected. Both fixed and dynamic IP addresses will work. A valid address is required for the DNS server (if you do not have your own, you may use Google 8.8.8.8).

⑥ **Users can connect** to the unit⑤ via either a fixed connection in the building, wireless Wi-Fi network or 4G modem. Connection via proxy server must not be used.

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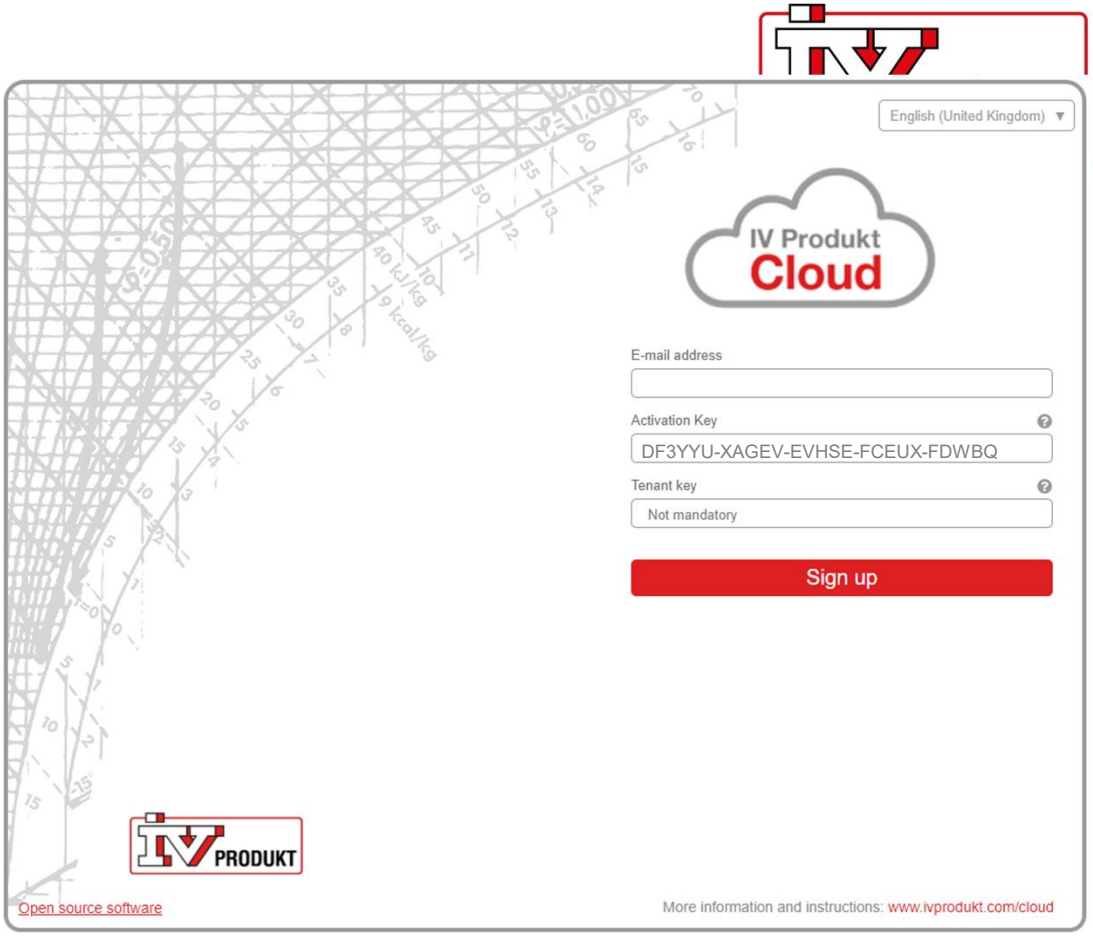
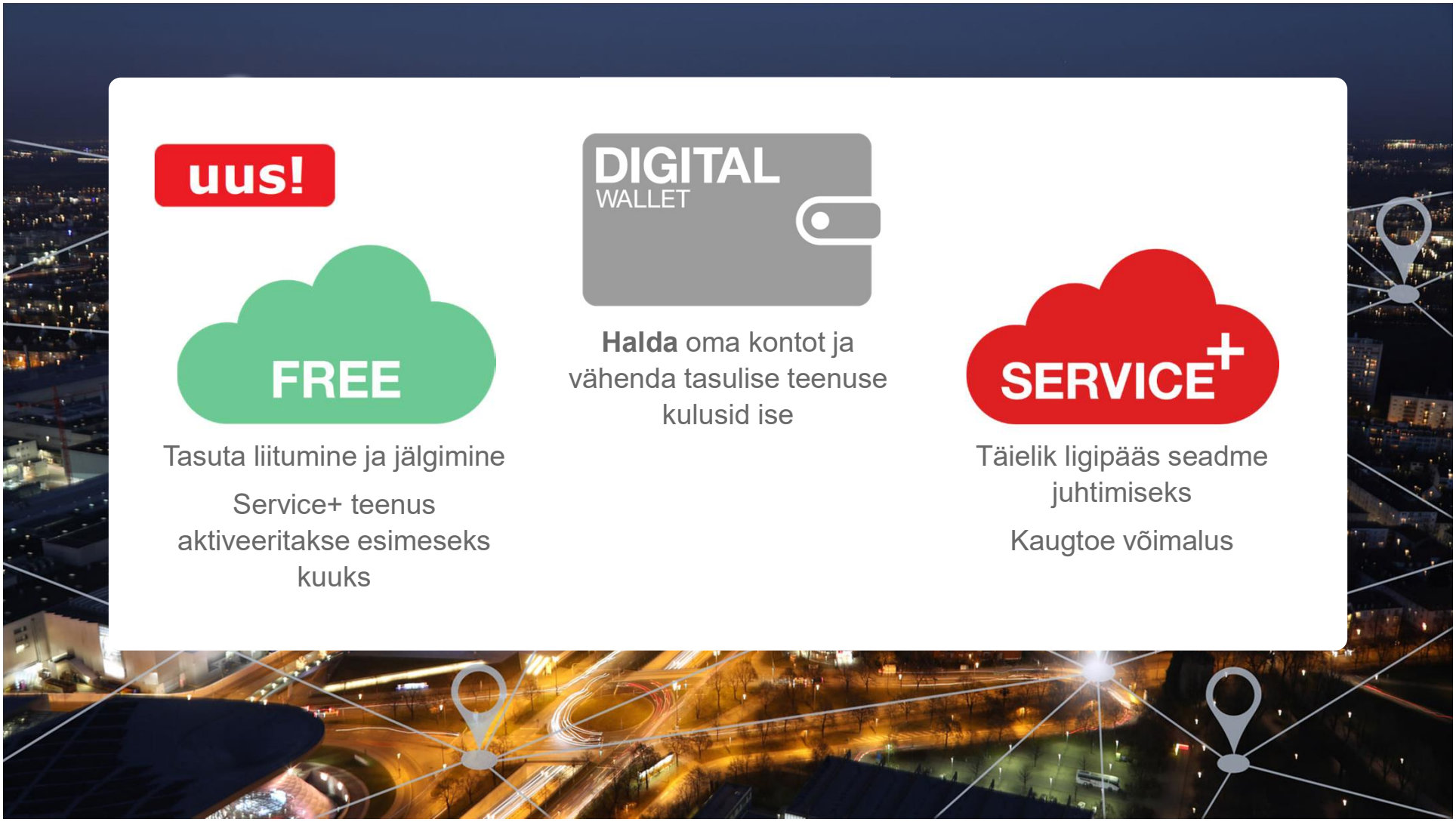
cloud.ivprodukt.com




uus!
FREE
Tasuta liitumine ja jälgimine
Service+ teenus aktiveeritakse esimeseks kuuks
DIGITAL WALLET
Halda oma kontot ja vähenda tasulise teenuse kulusid ise
SERVICE+
Täielik ligipääs seadme juhtimiseks
Kaugtoe võimalus

”

IV Product Cloud is valuable for installations that depend on being reliable and stable.

Jimmy Gomez,
Bravida Ventilation Jönköping

”

With IV Product Cloud on our units, we can check and optimise the settings from our office.

Enis Jashari, Elitech Services

”

Cost-effective for customers and service personnel.

Tomas Jonasson, Torskinge Plåt

”

Thanks to the well thought-out cloud functionality at IV Produkt, we have already saved a number of on-site service visits, and thus a lot of time and driving.

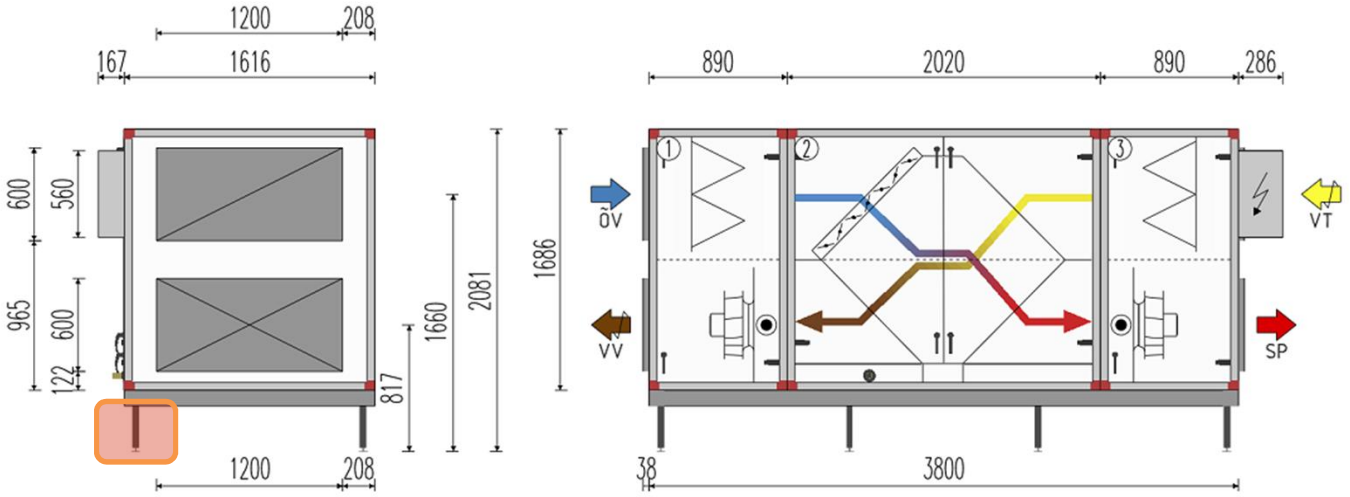
Marko Gramm, HTH Hanse

- Teised uuendused
- Automaatika
- Praktilisi nõuandeid

uus!

IV PRODUKT

Alusraami jalgu saab valida erinevad kõrguseid !

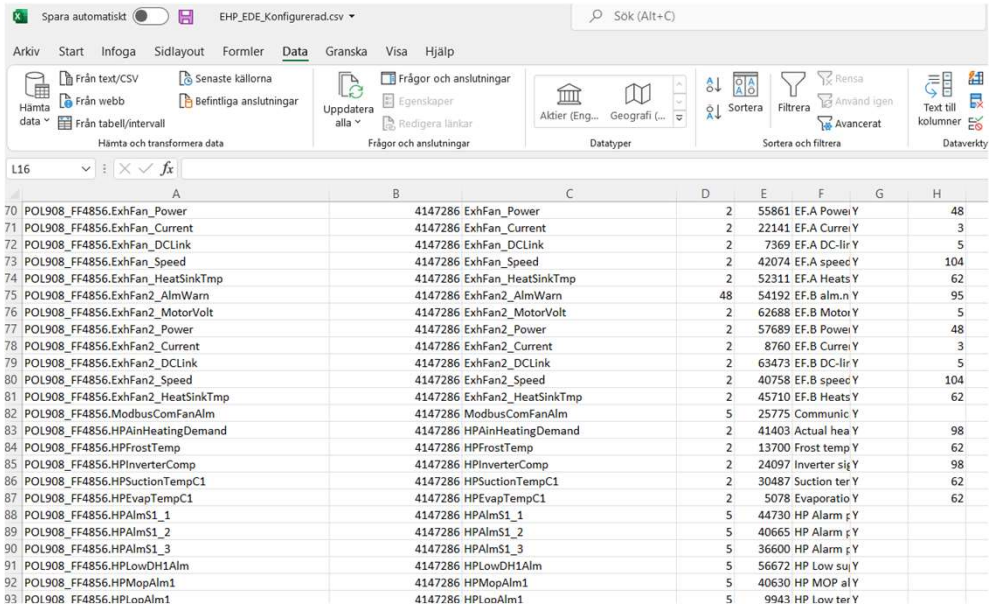


- **0 mm**
- **30mm**
- **100 mm**
- **200 mm**
- **300 mm**

BACnet moodul

Täna: EDE fail genereeritakse automaatselt Climatix kontrolleris ja saadetakse Bacnet moodulisse. Automaatika peab eksportima sealt need endale, et programmeerida.

uus! EDE fail luuakse tehases ning on saadaval doc.factorys
Automaatik ei pea seda kontrollerist võtma!
https://ivprodukt.docfactory.com/
.



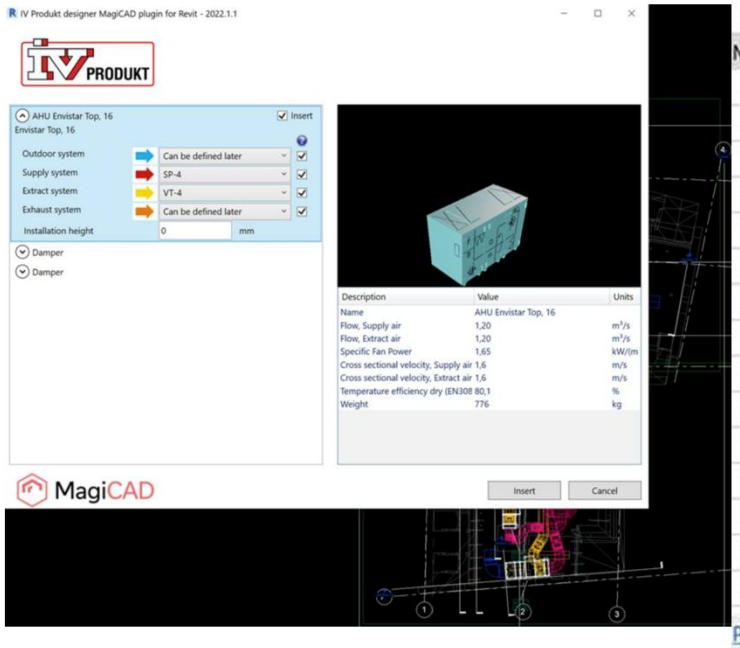
Plugin’id

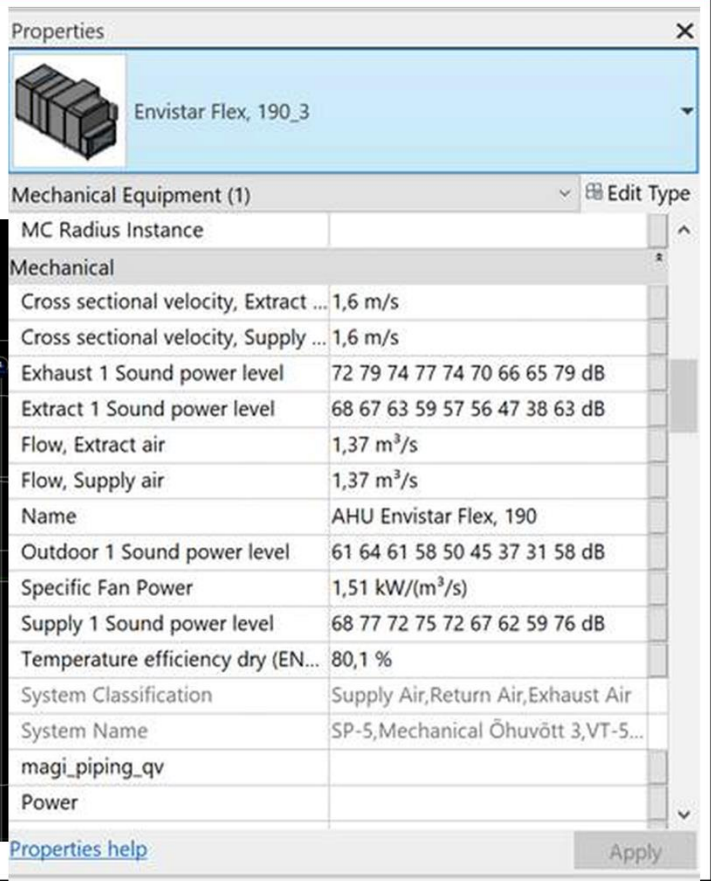
Installeeri Revit või Magicadi Plugin ivprodukt.com

IVP Designerist saadud fail sisestada Revitisse või Magicadi

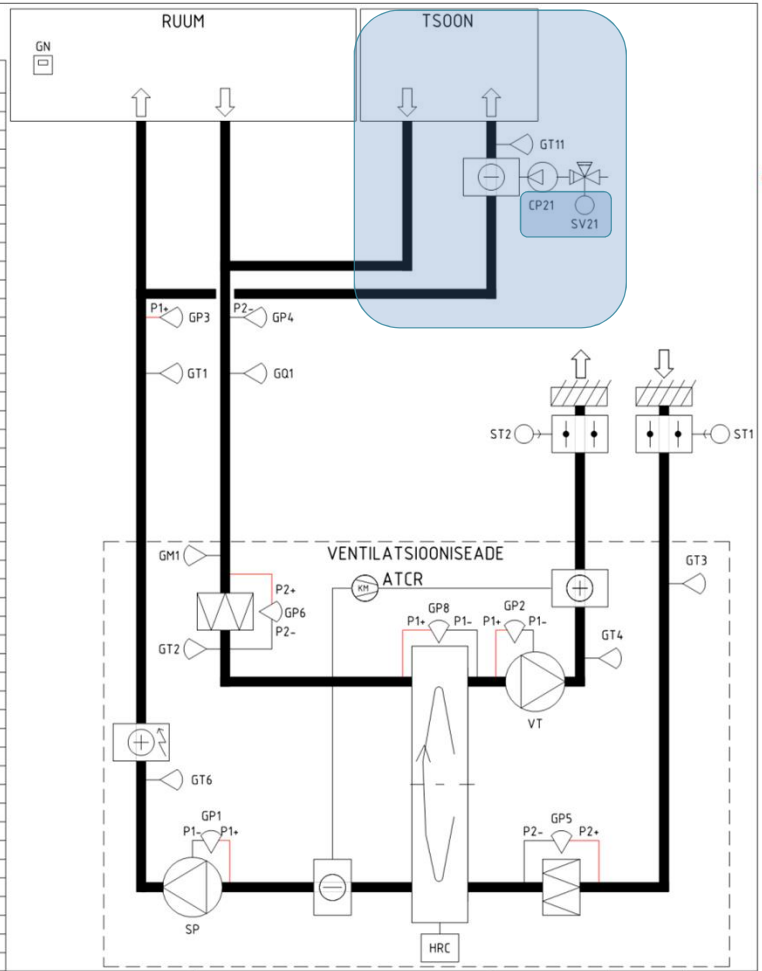
Arvuta süsteem reaalsete numbritega

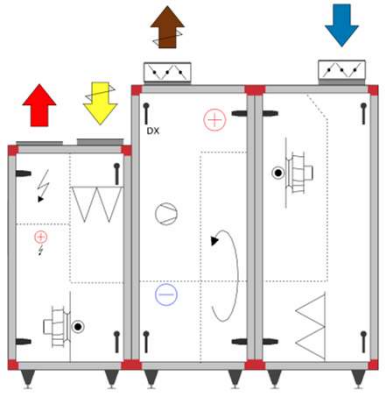
Download Revit plugin (2022)





POS	NIMETUS	TÜÜP	TOOTJA	TOOTE NR.
SP	SISSEP. VENTILAATOR	EC	ZIEHL-ABEGG	161775-00..
VT	VÄLJATÕMBE VENTILAATOR	EC	ZIEHL-ABEGG	161775-00..
HRC	ROOTOR	OJ-DRHX	OJ	
ATCR	ECOCOOLER		IVP	
GT1	SISSEPUHKE ANDUR	TF25	THERMOKON	18305-0012
GT2	VÄLJATÕMBE ANDRUR	TF25	THERMOKON	18305-0010
GT3	VÄLISÕHU ANDUR	TF25	THERMOKON	18305-0010
GT4	VÄLJAVISKE ANDUR	TF25	THERMOKON	18305-0010
GT6	SISSEPUHE SOOJ.VAH.	TF25	THERMOKON	18305-0010
GQ1	CO2 ANDUR	QPM 2100	SIEMENS	18602-0033
GP1-2	VOOLU RÕHUANDUR	QBM 69.2512/IV2	SIEMENS	18602-0060
GP3-4	RÕHUANDUR	QBM 68.1212/IV2	SIEMENS	18602-0062
GP5-6	FILTRIMONITOR	QBM 69.2512/IV2	SIEMENS	18602-0060
ST1	VÄLISÕHU KLAPI AJAM	GMA 151.1E/IV	SIEMENS	18503-0029
ST2	VÄLJAVISKE KLAPI AJAM	GMA 151.1E/IV	SIEMENS	18503-0029
GM1	NIISKUSANDUR	QFM 2100	SIEMENS	18307-0009
GP8	RÕHUANDUR SULATUS SOOJ.VAH.	QBM 68.1200/IV2	SIEMENS	18602-0051
GN	LIIKUMISANDUR	PIR-TFT-550-B	CALECTRO	18602-0019
GT11	SISSEPUHKE ANDUR	QAM 9120.040	SIEMENS	18304-0000
CP21	TSIRKULATSIOONI PUMP			
SV21	VENTIIL AJAM, JAHUTUS	RVAZ4-24A	REGIN	18512-5001
SV21	VENTIIL, JAHUTUS	ZTR15-1,6	REGIN	18521-5005





No.	REVISION	SIGN.	DATE

ENVISTAR TCX

SKEEM

DATE	DESIGNED BY	CONT.
	JI	201
PROJECT NUMBER	ACCEPTED BY	SHEET
		103

LCC PRODUKT

Energiasäästlikud ventilatsiooni seadmed

19.05.2022 Urmas Pilpak

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