



**FREETIME-S**

- Non residential
- Sorption
- R-COVERY by ZEHNDER CALADAIR
- $Q_v \leq 3500 \text{ m}^3/\text{h}$
- Vertical
- Heat recovery unit with efficiency  $\geq 80\%$



## HRU with post heating coil 100 to 3.500 m<sup>3</sup>/h with sorption wheel type FREETIME-S

High efficiency heat recovery unit  $> 80\%$  (EN308). The range includes 6 sizes for air flow rates from 100 to 3.500 m<sup>3</sup>/h. Each **FREETIME-S** model comes with its own regulation as standard.

The **FREETIME-S Premium** is a self-regulating unit either equipped with a water heating coil or with an electric heating coil for temperatures down to -10°C and an extensive regulating module.

The unit is always provided for an indoor installation, with top connections.

### Brand

- R-COVERY by ZEHNDER CALADAIR

### Application

- Self-regulated ventilation and high efficiency heat and humidity recovery for non-residential and industrial applications.
- Air filtration, temperature regulation
- Compact monoblock ventilation unit, equipped with an energy-efficient plug & play control (EN 15232)

### Composition

- Double-walled panels 10/10th
- Insulation with mineral wool M0
  - with 25 mm high density glass wool insulation, fire class (A2-s1) for sizes 500 and 800
  - with 50 mm high density glass wool insulation, fire class A1 (M0) for all sizes larger than 800
- Outer layer: prelacquered steel plate in titanium grey (RAL7035 - Aluminum grey).
- Inner layer: galvanized steel plate
- Panel for access to the internal elements equipped with safety lock
- Round connections with lip seal for all models, except for size 52 which has rectangular connections
- Equipped with connections on top (only for indoor installation)
- Hydraulic connections (version Premium BC) on top!
- Monoblock version
- Only available with the operating side on the right, considering the air flow (see configuration!)
- Mounting feet integrated in the frame for easy transport and fixing in the ground

- Easy access to all components via 2 hinged doors
- Internal control with external display IP65
- Integrated FREE-COOLING and NIGHT COOLING function
- Built-in temperature sensors (4)
- Built-in timer for dual flow rate function
- Built-in weekly timer and holiday timer
- Safety switch
- Differential pressure switch on inlet filter F7
- Differential pressure switch on each fan
- Modbus or Bacnet possible as standard

### Fan

- Fan with free-running wheel
- Direct drive DC motor with high efficiency electronic modulation (EC), thermal protection and integrated speed control
- The EC technology guarantees a limited energy consumption by controlling and checking the operating point (regulation between 10 and 100%)
- Low noise level for better acoustic comfort

### Exchanger

- Rotary heat exchanger (sorption wheel) in aluminum with high efficiency and variable speed (EUROVENT approved)
- Efficiency > 80% (EN308)

### Filter

- The filters are mounted directly in front of the components for optimal protection
- The filters are mounted on slides with lip sealing for efficient airtightness
- The basic configuration of the FREETIME-S is equipped with an F7 filter- ISO 16890 ePM1 - 55% (supply) and an M5 filter- ISO ePM1 50% (extraction)
- F7 high-efficiency filter: 10x larger filter surface than a gravimetric filter and 2.5x longer life
- Additional fresh air filter available as an option
- A double filtration can be provided on the fresh air. However, the pressure drop (see spare filters) must also be taken into account in the technical selection of your device!

### Versions

- **FREETIME-S Premium xxxx BC**: ventilation group equipped with an integrated water heating coil for post heating
- **FREETIME-S Premium xxxx BE**: ventilation group equipped with an integrated electric heating coil for post heating

### Options

- **DIVA@EC\***: Proportional modulating flow (between a set min. and max. flow) of each fan based on a built-in CO<sub>2</sub> measurement. The amount of CO<sub>2</sub> (number of ppm) is adjustable in the control
- **LOBBY@EC\***: Constant pressure ventilation for each fan for use with VAV boxes
- **MAC2@EC\***: Two adjustable constant air flows for each fan (except for sizes 05 and 08)
- **QUATTRO@EC\***: Proportional ventilation between two constant air flows (high and low speed) for each fan (except for sizes 05 and 08). With built-in CO<sub>2</sub> sensor in the exhaust side of the unit

\* this regulation will be built-in in the unit. It is not possible to add this regulation afterwards

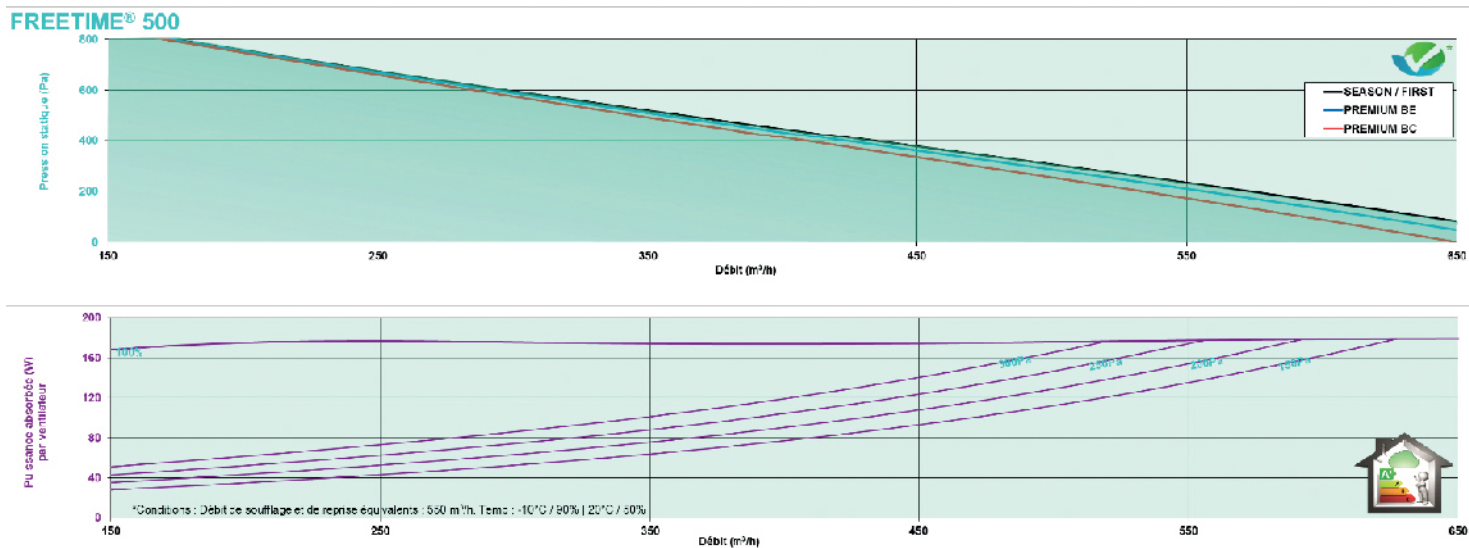
### Certification

- The unit is tested in accordance with the NBN EN 308 standard.
- Efficiency of the heat exchanger of more than 80% (EN308), in accordance with RT2012 and the directive ErP 2009/125/EC
- In conformity with EUROVENT classifications according to EN1886 and EN13053
- Standard construction with double skinned panels and insulation of 25 mm (types 500 and 800) and 50 mm for all bigger types
- Resistance of the casing: D2
- Air tightness: L1
- Conductivity: T3
- Thermal bridge factor: TB3
- Filter leakage class: F9
- Outer panel made of prelacquered steel 10/10
- Finish RAL9007 - Titanium grey
- Inner panel made of galvanized steel 10/10

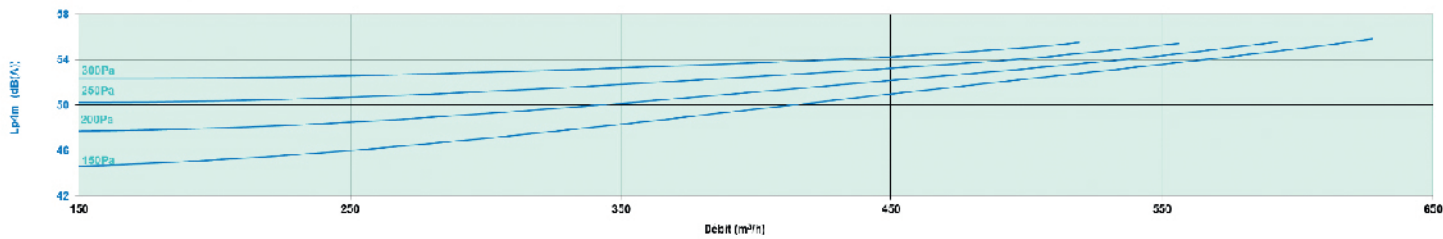
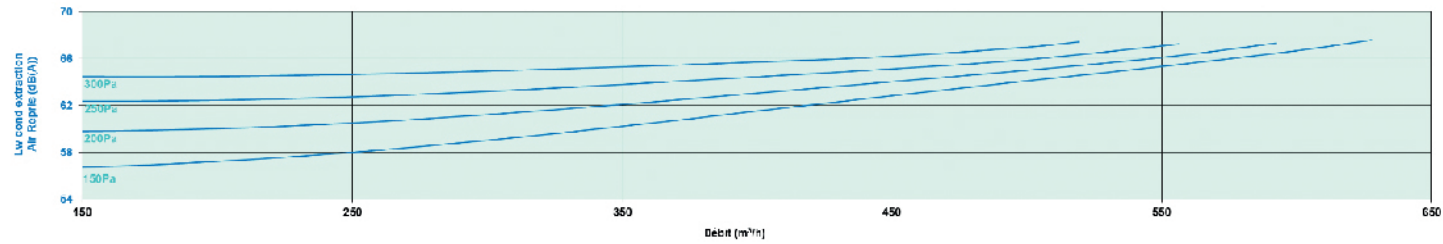
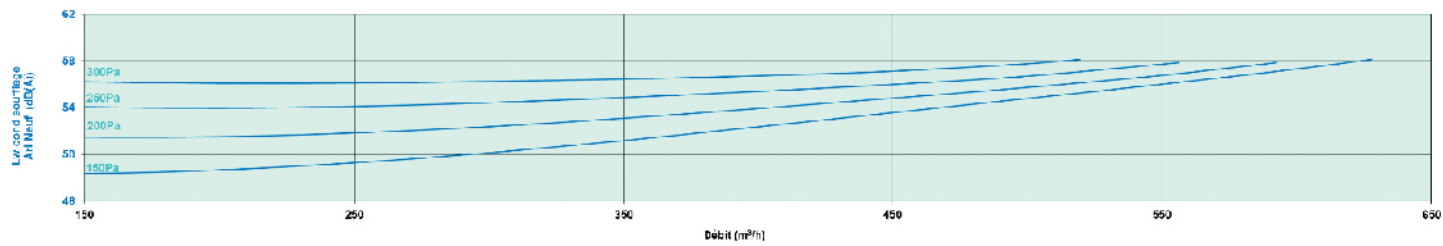
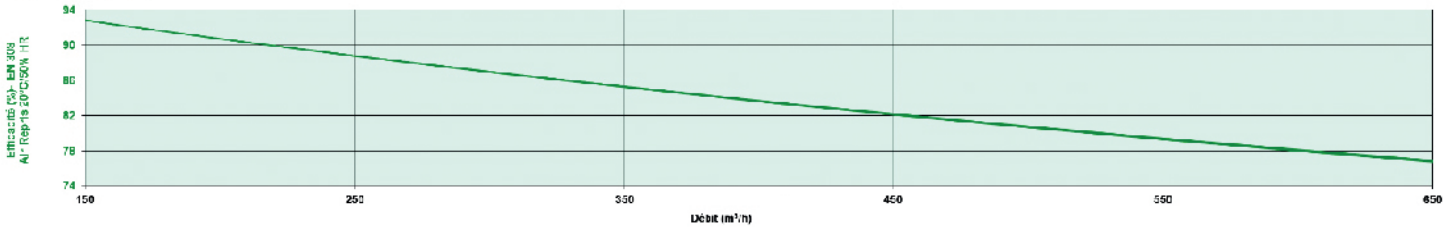
### Accessories

- Replacement filters for Freetime (-S) **FS-FREETIME**
- Airtight control valve **AKH**
- Round flexible connections **MTV**
- **Controllers for Freetime-S up to serial number 225190:**
  - **E3-DSP** controller mounted on the unit as standard
  - Remote controller available as an option
    - **E3-DSP** remote display (up to 100 metres, to be provided by the installer) with 3-metre **EDSP-K3** or 10-metre **EDSP-K10** Belden cable
    - **ED Touch** digital controller for units type GTDHR/V, Hexamotion(-S), Freetime(-S), Silvertop, Neotime (First and Premium)
      - Cable 4-wire 24 Vdc (Corrigo C+/GO) of 10 rmt included
- **Controllers for Freetime-S from serial number 225191:**
  - **Easy 5.0** controller mounted on the unit as standard
    - Master touch screen controller
  - **EDT2** remote controller available as an option
    - Touch screen controller for end user

### Selection curves

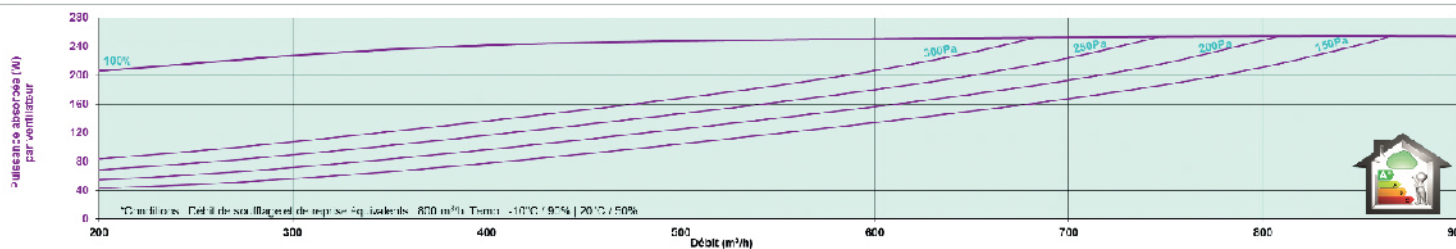
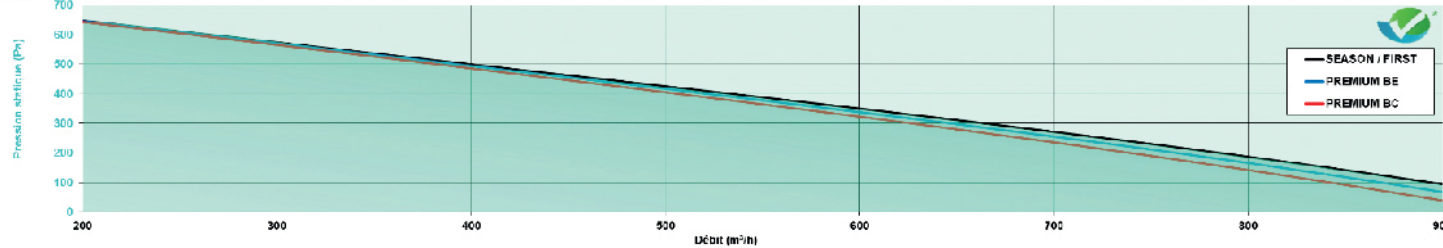


**FREETIME® 500**

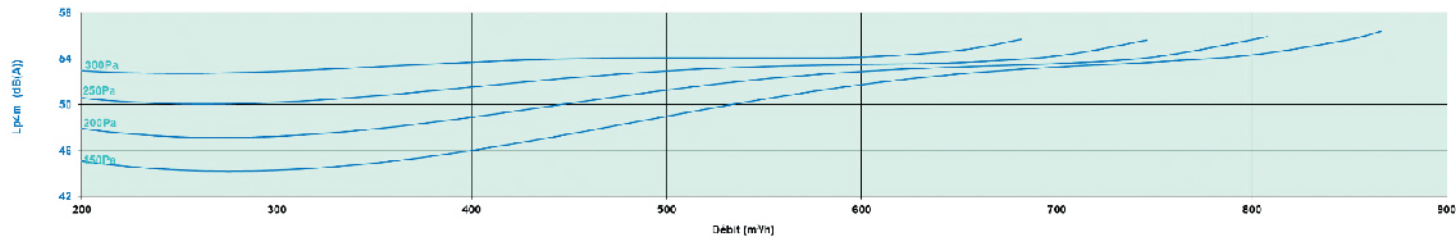
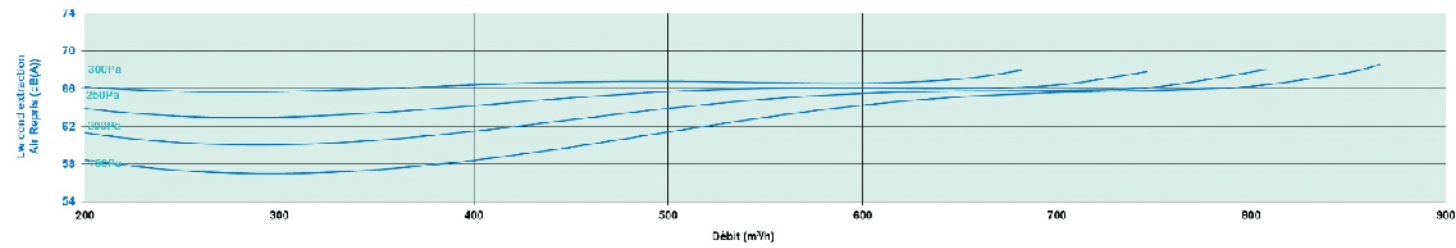
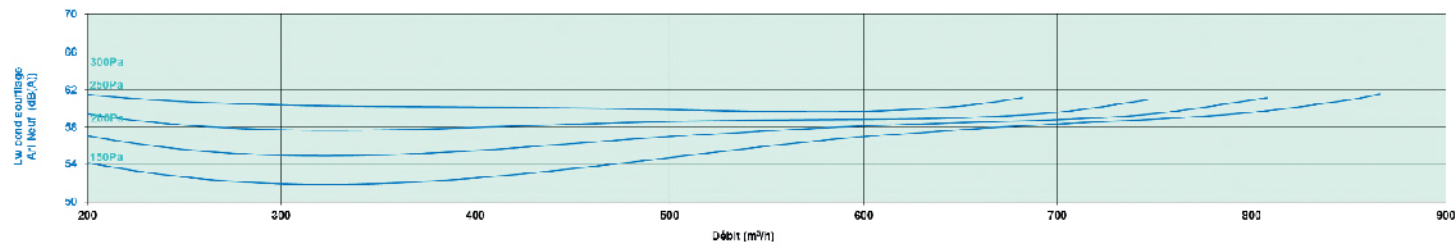
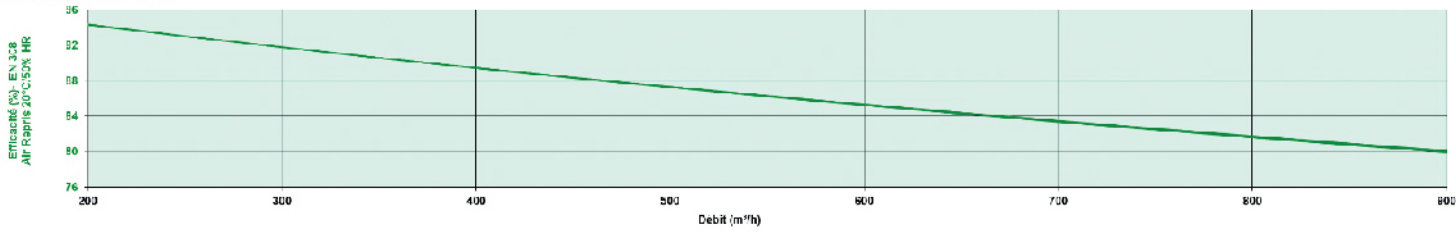


**Selection curves**

**FREETIME® 800**

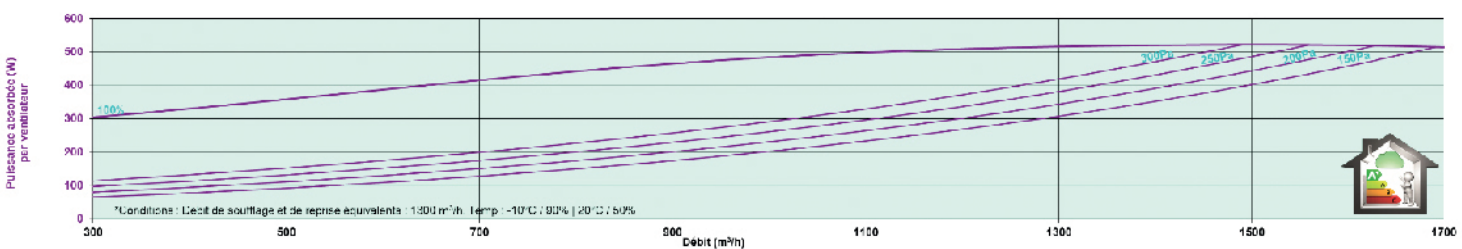
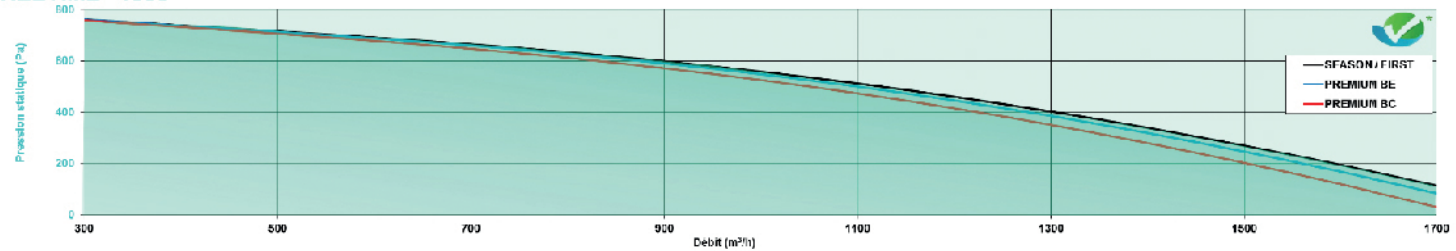


**FREETIME® 800**

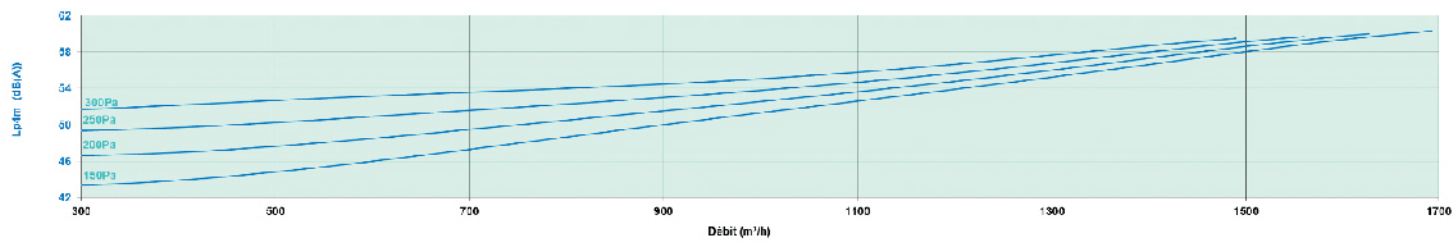
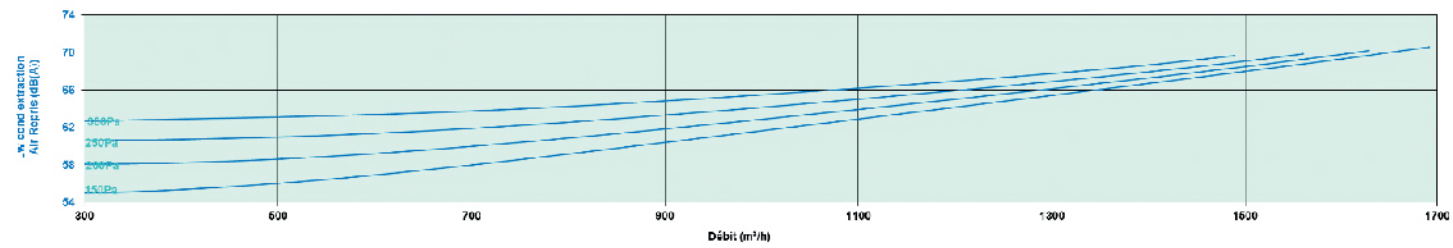
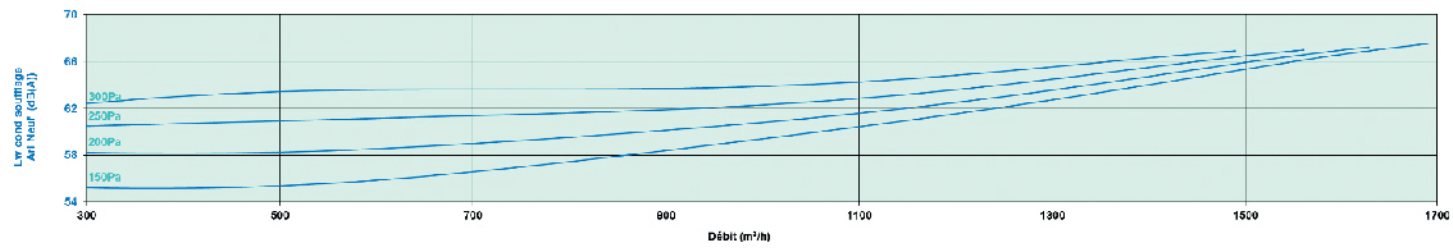
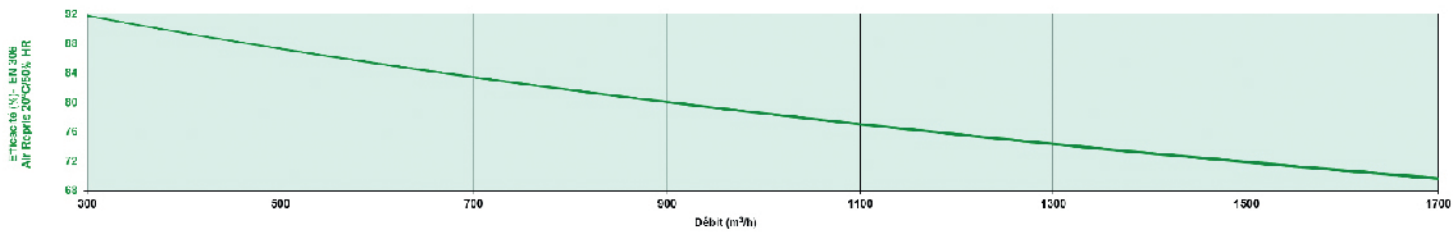


**Selection curves**

**FREETIME® 1500**

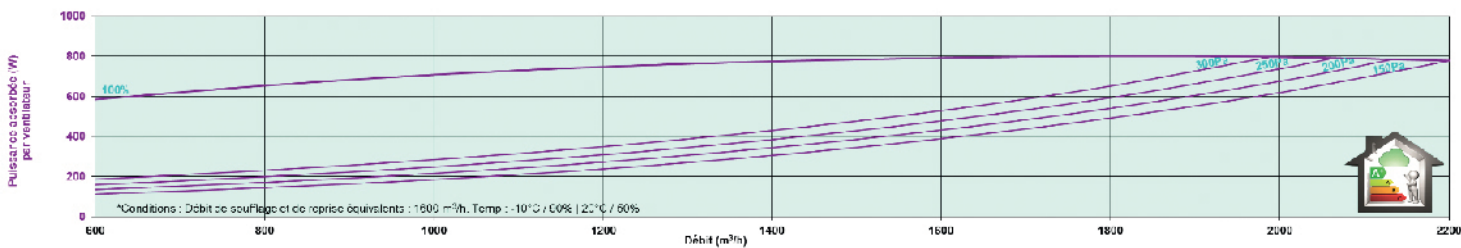
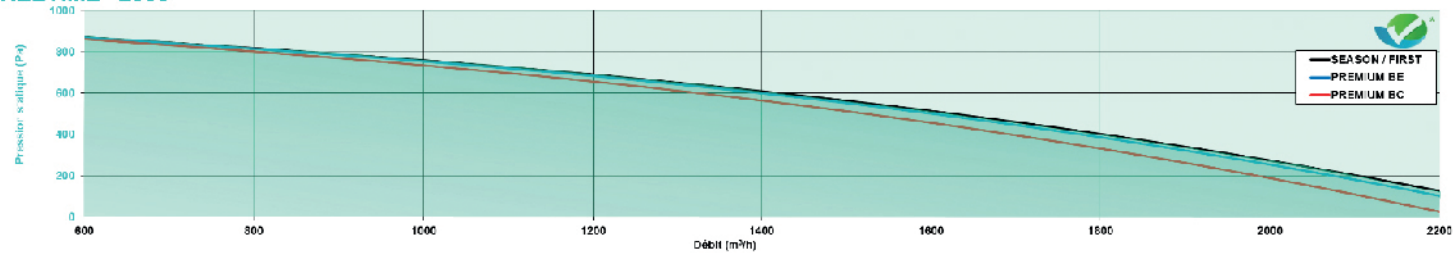


FREETIME® 1500

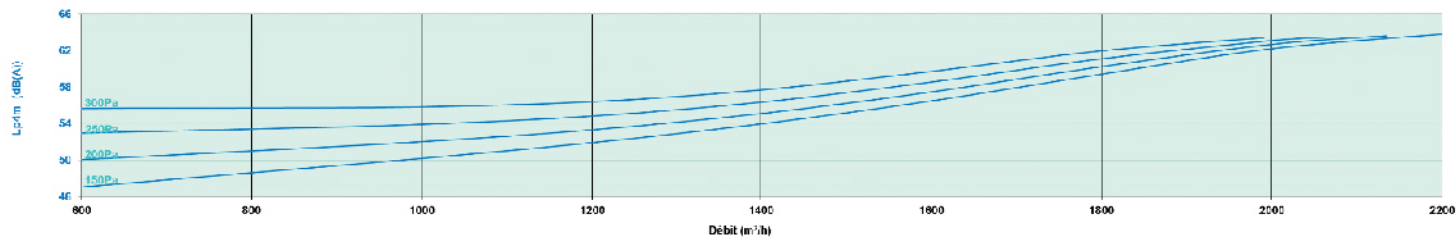
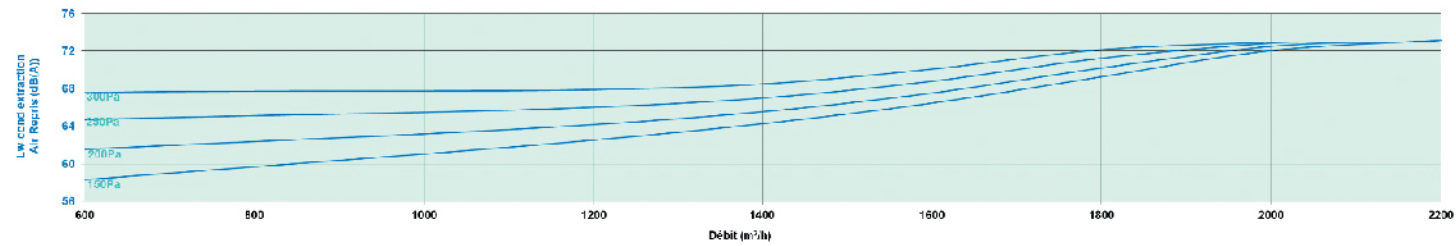
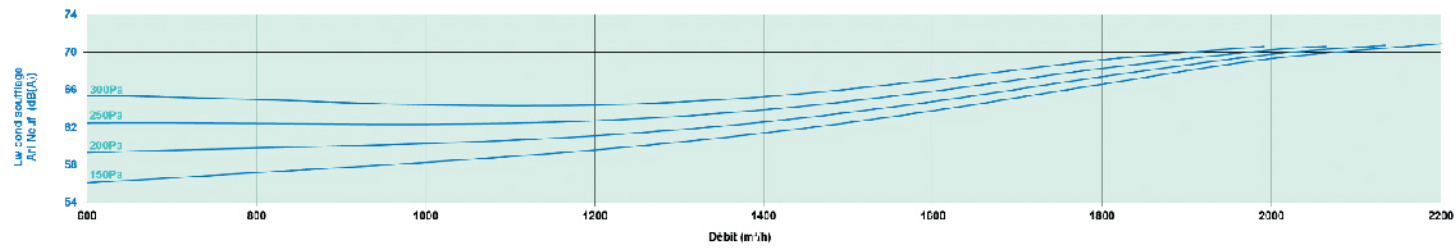
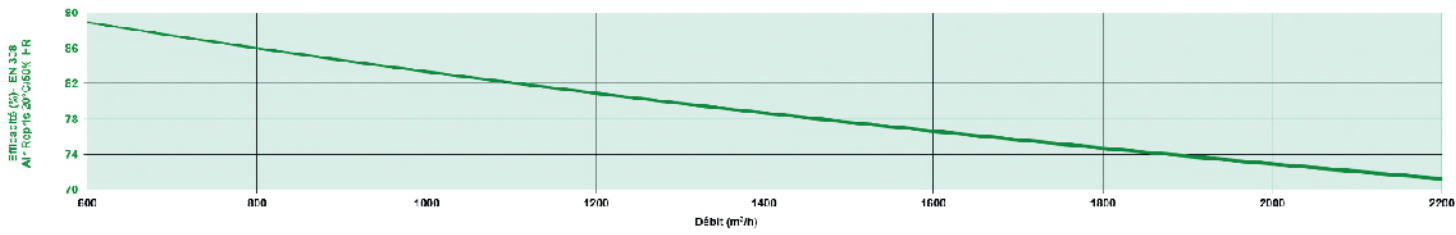


Selection curves

FREETIME® 2000

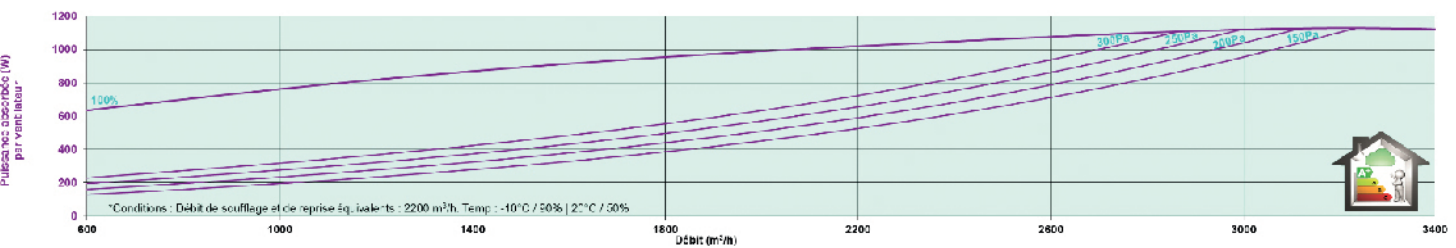
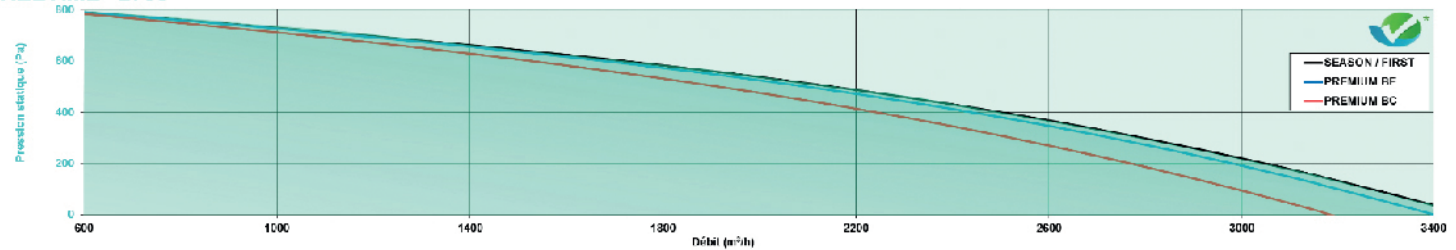


**FREETIME® 2000**

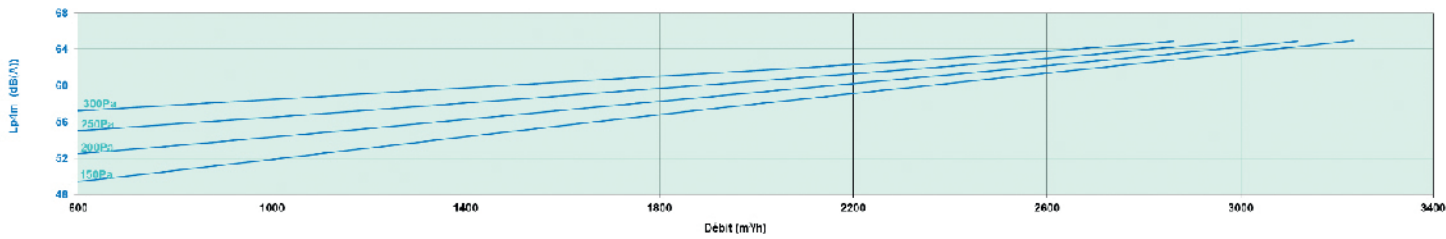
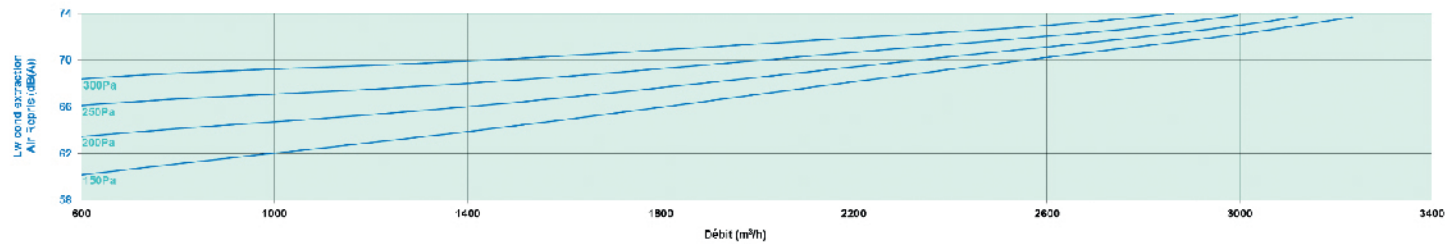
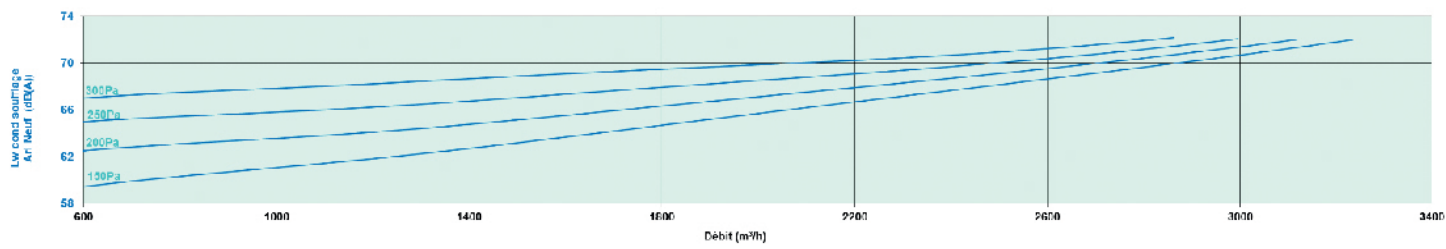
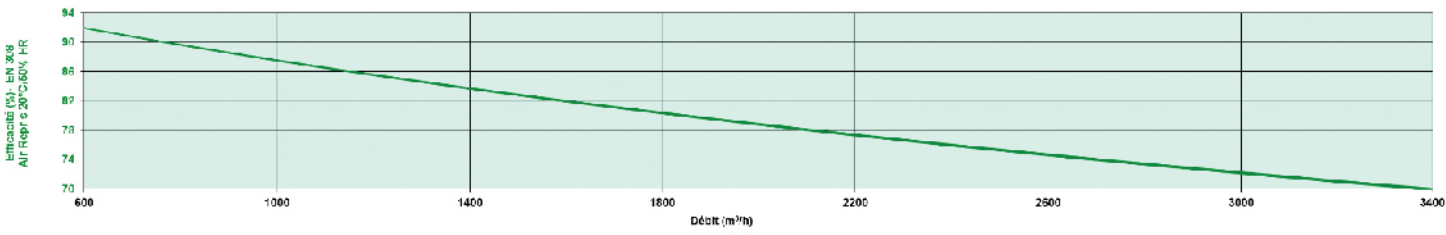


**Selection curves**

**FREETIME® 2700**

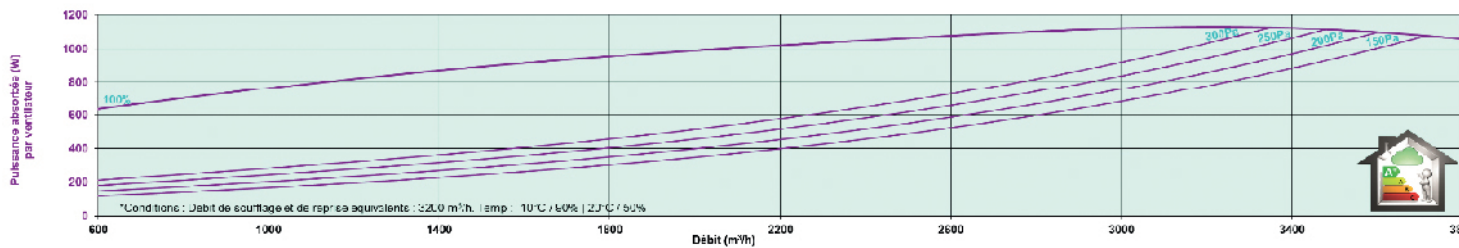
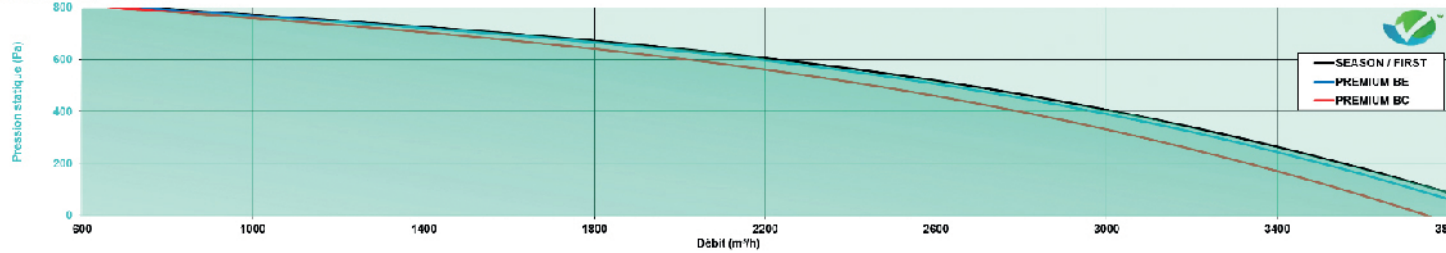


**FREETIME® 2700**



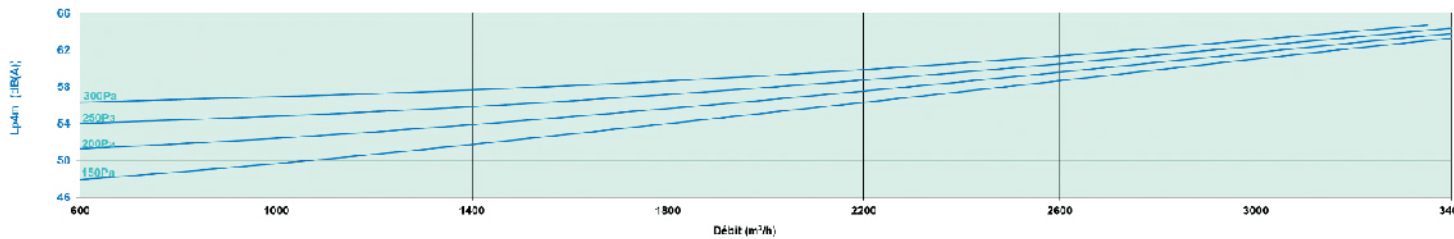
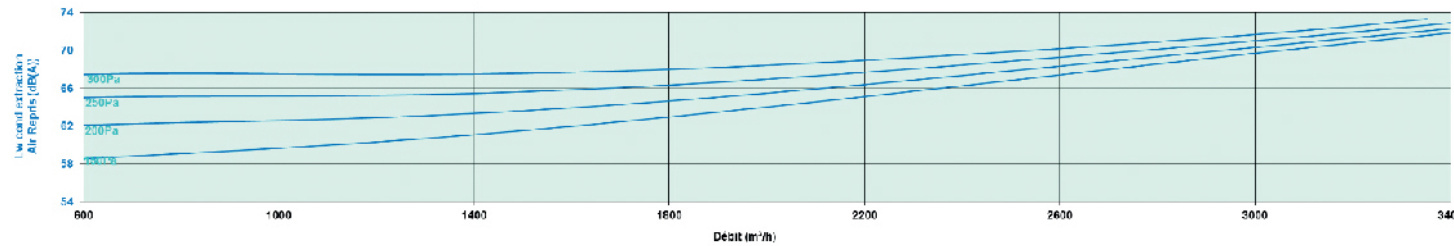
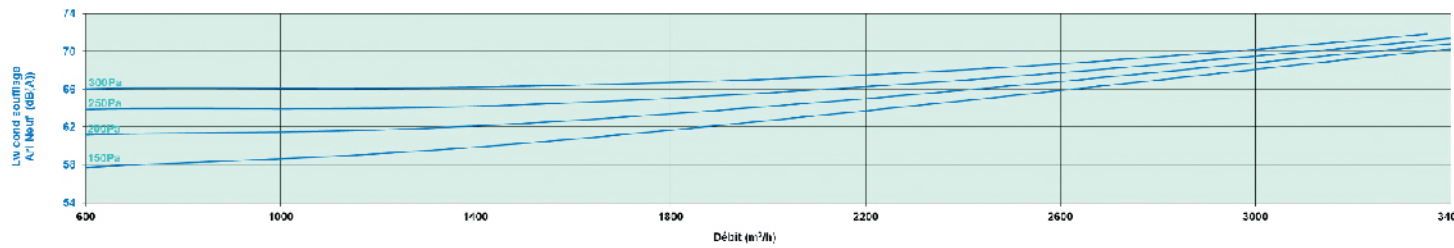
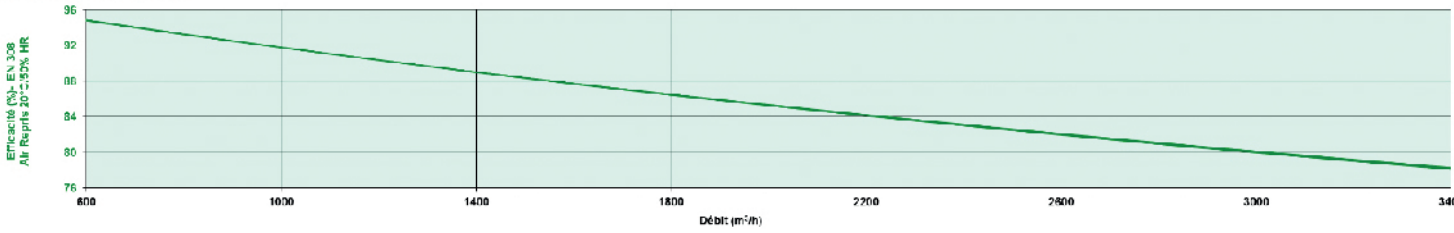
**Selection curves**

**FREETIME® 3500**





FREETIME® 3500



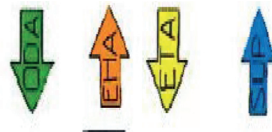
	Electrical data							
	P [W]	T [°C/°C]			PREMIUM BC		PREMIUM BE	
					[V/Ph/Hz]	[A]	[V/Ph/Hz]	[A]
500	2 x 169	-20 / 60	IP54 / B	PT1	230/1/50	3,8	230/1/50	14,7
800	2 x 220	-20 / 60	IP54 / B	PT1	230/1/50	4,1	230/1/50	20,4
1500	2 x 480	-20 / 40	IP54 / B	PT1	230/1/50	5,3	230/1/50	28,1
2000	2 x 750	-20 / 40	IP54 / B	PT1	230/1/50	7,6	400/3+N/50	18,5
2700	2 x 1000	-20 / 50	IP54 / B	PT1	400/3+N/50	4,3	400/3+N/50	23,8
3500	2 x 1000	-20 / 50	IP54 / B	PT1	400/3+N/50	4,3	400/3+N/50	28,1

Info hot water coil									
FREETIME 500 Water heating coil - PREMIUM BC									
Watertemp. [°C/°C]	Temp. air intake [°C]	Air flow rate [m³/h]	100	200	300	400	500	600	
80/60	11	Power [kW] / Temp. air outlet [°C]	1,6 / 56,7	2,6 / 48,7	3,4 / 43,9	4,0 / 40,5	4,6 / 38,0	5,1 / 36,0	
		Water flow rate [l/h] / DP water [kPa]	69 / 1,3	113 / 3,2	148 / 5,2	177 / 7,3	202 / 9,2	255 / 11,2	
	15	Power [kW] / Temp. air outlet [°C]	1,5 / 57,6	2,4 / 50,0	3,1 / 45,6	3,8 / 42,4	4,3 / 40,1	4,8 / 38,2	
		Water flow rate [l/h] / DP water [kPa]	64 / 1,2	105 / 2,8	137 / 4,6	164 / 6,4	188 / 8,1	209 / 9,8	
60/50	11	Power [kW] / Temp. air outlet [°C]	1,2 / 45,0	1,9 / 39,2	2,5 / 35,7	3,0 / 33,3	3,5 / 31,4	3,9 / 39,9	
		Water flow rate [l/h] / DP water [kPa]	101 / 2,8	168 / 6,9	220 / 11,4	265 / 15,8	303 / 20,2	337 / 24,5	
	15	Power [kW] / Temp. air outlet [°C]	1,1 / 45,9	1,8 / 40,6	2,3 / 37,4	2,8 / 35,2	3,2 / 33,5	3,5 / 32,1	
		Water flow rate [l/h] / DP water [kPa]	92 / 2,3	152 / 5,8	200 / 9,5	240 / 13,2	275 / 16,9	306 / 20,5	
45/40	11	Power [kW] / Temp. air outlet [°C]	0,8 / 35,2	1,4 / 31,2	1,8 / 28,8	2,2 / 27,0	2,5 / 25,7	2,8 / 24,7	
		Water flow rate [l/h] / DP water [kPa]	143 / 5,4	239 / 13,7	315 / 22,6	379 / 31,7	435 / 40,6	485 / 49,4	
	15	Power [kW] / Temp. air outlet [°C]	0,7 / 36,1	1,2 / 32,6	1,6 / 30,5	1,9 / 21,3	2,2 / 27,8	2,4 / 26,9	
		Water flow rate [l/h] / DP water [kPa]	125 / 4,3	208 / 10,7	274 / 17,6	330 / 24,6	378 / 31,5	421 / 38,3	
FREETIME 500 Electric heating coil - PREMIUM BE									
Fresh air	0°C	-5	0°C	-5°C	-10°C	-15	-20		
Flow rate [m³/h]	500	500	500	500	500	500	500		
Version	FIRST-SEASON			PREMIUM BE					
Power [kW]				Heating coil					
Temp. °C unit outlet	16,2	15,3	31,2	30,3	29,3	28,3	27,3		

FREETIME 800 Water heating coil - PREMIUM BC										
Watertemp. [°C/°C]	Temp. air intake [°C]	Air flow rate [m3/h]	200	300	400	500	600	700	800	
80/60	11	Power [kW] / Temp. air outlet [°C]	3,0 / 54,8	4,0 / 50,0	4,9 / 46,7	5,6 / 44,0	6,3 / 41,9	7,0 / 40,1	7,6 / 38,6	
		Water flow rate [l/h] / DP water [kPa]	131 / 1,0	175 / 1,6	214 / 2,3	247 / 3,0	278 / 3,8	306 / 4,5	331 / 5,2	
80/60	15	Power [kW] / Temp. air outlet [°C]	2,8 / 55,7	3,7 / 51,3	4,5 / 48,2	5,2 / 45,7	5,9 / 43,7	6,5 / 42,1	7,0 / 40,7	
		Water flow rate [l/h] / DP water [kPa]	122 / 0,8	163 / 1,4	199 / 2,0	230 / 2,7	258 / 3,3	284 / 3,9	307 / 4,5	
60/50	11	Power [kW] / Temp. air outlet [°C]	2,2 / 43,6	3,0 / 40,3	3,7 / 37,8	4,3 / 35,9	4,8 / 34,3	5,3 / 33,0	5,7 / 31,9	
		Water flow rate [l/h] / DP water [kPa]	194 / 2,1	261 / 3,5	319 / 5,1	370 / 6,6	416 / 8,2	459 / 9,8	498 / 11,4	
60/50	15	Power [kW] / Temp. air outlet [°C]	2,0 / 44,6	2,7 / 41,5	3,3 / 39,9	3,9 / 37,6	4,3 / 36,1	4,8 / 35,0	5,2 / 33,9	
		Water flow rate [l/h] / DP water [kPa]	176 / 1,7	237 / 2,9	289 / 4,2	335 / 5,5	377 / 6,9	415 / 8,2	450 / 9,5	
45/40	11	Power [kW] / Temp. air outlet [°C]	1,6 / 34,3	2,2 / 32,0	2,6 / 30,3	3,1 / 27,8	3,5 / 27,8	3,8 / 26,9	4,1 / 26,1	
		Water flow rate [l/h] / DP water [kPa]	276 / 4,1	372 / 7,0	456 / 10,0	530 / 13,3	597 / 16,5	659 / 19,8	715 / 23,0	
45/40	15	Power [kW] / Temp. air outlet [°C]	1,4 / 35,3	1,9 / 33,3	2,3 / 31,8	2,7 / 30,6	3,0 / 29,6	3,3 / 28,8	3,6 / 28,1	
		Water flow rate [l/h] / DP water [kPa]	240 / 3,2	324 / 5,4	397 / 7,8	461 / 10,3	519 / 12,8	572 / 15,3	621 / 17,8	
FREETIME 800 Electric heating coil - PREMIUM BE										
Fresh air	0°C	-5	0°C	-5°C	-10°C	-15	-20			
Flow rate [m3/h]	800	800	800	800	800	800	800	800	800	
Version	FIRST-SEASON		PREMIUM BE							
Power [kW]			Heating coil							
Temp. °C unit outlet	16,4	15,4	30,5	29,6	28,7	27,7	26,8			
FREETIME 1500 Water heating coil - PREMIUM BC										
Watertemp. [°C/°C]	Temp. air intake [°C]	Air flow rate [m3/h]	500	700	900	1100	1300	1500	1700	
80/60	11	Power [kW] / Temp. air outlet [°C]	6,4 / 48,6	8,0 / 44,6	9,4 / 41,7	10,7 / 39,4	11,8 / 37,5	12,8 / 36,0	13,7 / 34,6	
		Water flow rate [l/h] / DP water [kPa]	281 / 1,9	352 / 2,9	413 / 3,9	467 / 4,9	516 / 5,8	561 / 6,8	601 / 7,7	
80/60	15	Power [kW] / Temp. air outlet [°C]	6,0 / 49,9	7,5 / 46,2	8,8 / 43,5	9,9 / 41,3	10,9 / 39,6	11,9 / 38,1	12,7 / 36,9	
		Water flow rate [l/h] / DP water [kPa]	261 / 1,7	237 / 2,5	384 / 3,4	434 / 4,2	479 / 5,1	520 / 5,9	558 / 6,7	
60/50	11	Power [kW] / Temp. air outlet [°C]	4,8 / 39,2	6,1 / 36,3	7,1 / 34,2	8,1 / 32,5	8,9 / 31,1	9,7 / 29,9	10,4 / 29,0	
		Water flow rate [l/h] / DP water [kPa]	419 / 4,1	527 / 6,3	620 / 8,5	702 / 10,7	777 / 12,9	845 / 15,1	907 / 17,2	
60/50	15	Power [kW] / Temp. air outlet [°C]	4,4 / 40,6	5,5 / 37,9	6,5 / 36,0	7,3 / 34,4	8,1 / 33,2	8,8 / 32,1	9,4 / 31,2	
		Water flow rate [l/h] / DP water [kPa]	380 / 3,5	477 / 5,3	561 / 7,1	636 / 8,9	703 / 10,7	764 / 12,5	821 / 14,3	
45/40	11	Power [kW] / Temp. air outlet [°C]	3,5 / 31,2	4,4 / 29,2	5,1 / 27,7	5,8 / 26,5	6,5 / 25,5	7,0 / 24,7	7,6 / 24,0	
		Water flow rate [l/h] / DP water [kPa]	599 / 8,3	755 / 12,7	889 / 17,2	1009 / 21,7	1118 / 26,2	1217 / 30,6	1308 / 35,0	
45/40	15	Power [kW] / Temp. air outlet [°C]	3,0 / 32,6	3,8 / 30,8	4,5 / 29,5	5,1 / 28,5	5,6 / 27,6	6,1 / 26,9	6,6 / 26,3	
		Water flow rate [l/h] / DP water [kPa]	521 / 6,4	656 / 9,8	773 / 13,3	876 / 16,7	970 / 20,2	1056 / 23,6	1134 / 26,9	
FREETIME 1500 Electric heating coil - PREMIUM BE										
Fresh air	0°C	-5	0°C	-5°C	-10°C	-15	-20			
Flow rate [m3/h]	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Version	FIRST-SEASON		PREMIUM BE							
Power [kW]			Heating coil							
Temp. °C unit outlet	14,5	13,1	25	23,6	22,2	20,8	19,4			
FREETIME 2000 Water heating coil - PREMIUM BC										
Watertemp. [°C/°C]	Temp. air intake [°C]	Air flow rate [m3/h]	800	1000	1200	1400	1600	1800	2000	
80/60	11	Power [kW] / Temp. air outlet [°C]	9,4 / 45,3	10,8 / 42,6	12,1 / 40,5	13,3 / 38,8	14,4 / 37,3	15,4 / 36,0	16,3 / 34,9	
		Water flow rate [l/h] / DP water [kPa]	411 / 4,1	474 / 5,4	530 / 6,6	582 / 7,8	630 / 9,0	674 / 10,2	715 / 11,4	
80/60	15	Power [kW] / Temp. air outlet [°C]	8,7 / 46,9	10,0 / 44,4	11,2 / 42,4	12,3 / 40,8	13,3 / 39,4	14,3 / 38,2	15,1 / 37,2	
		Water flow rate [l/h] / DP water [kPa]	382 / 3,6	440 / 4,7	493 / 5,8	541 / 6,8	585 / 7,9	626 / 8,9	664 / 10,0	
60/50	11	Power [kW] / Temp. air outlet [°C]	7,0 / 36,7	8,1 / 34,8	9,1 / 33,3	10,0 / 32,0	10,9 / 30,9	11,6 / 29,9	12,4 / 29,1	
		Water flow rate [l/h] / DP water [kPa]	612 / 9,0	709 / 11,7	794 / 14,4	873 / 17,2	945 / 19,9	1012 / 22,6	1075 / 25,2	
60/50	15	Power [kW] / Temp. air outlet [°C]	6,4 / 38,3	7,4 / 36,6	8,3 / 35,2	9,1 / 34,0	9,8 / 33,0	10,5 / 32,1	11,2 / 31,4	
		Water flow rate [l/h] / DP water [kPa]	555 / 7,5	642 / 9,8	719 / 12,0	791 / 14,3	856 / 16,6	917 / 18,8	973 / 21,0	
45/40	11	Power [kW] / Temp. air outlet [°C]	5,1 / 29,5	5,9 / 28,1	6,6 / 27,0	7,2 / 26,1	7,9 / 25,4	8,4 / 24,7	8,9 / 24,1	
		Water flow rate [l/h] / DP water [kPa]	875 / 17,9	1013 / 23,5	1138 / 29,1	1252 / 34,7	1358 / 40,2	1455 / 45,7	1546 / 51,1	
45/40	15	Power [kW] / Temp. air outlet [°C]	4,4 / 31,1	5,1 / 29,9	5,7 / 29,0	6,3 / 28,2	6,8 / 27,5	7,3 / 26,9	7,8 / 26,4	
		Water flow rate [l/h] / DP water [kPa]	761 / 13,9	881 / 18,2	990 / 22,5	1089 / 26,8	1180 / 31,1	1264 / 35,3	1343 / 39,4	
FREETIME 2000 Electric heating coil - PREMIUM BE										
Fresh air	0°C	-5	0°C	-5°C	-10°C	-15	-20			
Flow rate [m3/h]	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Version	FIRST-SEASON		PREMIUM BE							
Power [kW]			Heating coil							
Temp. °C unit outlet	14,7	13,4	30,5	29,2	27,8	26,5	25,1			
FREETIME 2700 Water heating coil - PREMIUM BC										
Watertemp. [°C/°C]	Temp. air intake [°C]	Air flow rate [m3/h]	600	1000	1400	1800	2200	2600	3000	
80/60	11	Power [kW] / Temp. air outlet [°C]	8,1 / 50,5	11,4 / 44,5	14,1 / 40,5	16,4 / 37,7	18,4 / 35,5	20,2 / 33,8	21,8 / 32,3	
		Water flow rate [l/h] / DP water [kPa]	355 / 1,9	501 / 3,7	620 / 5,5	720 / 7,2	808 / 9,0	887 / 10,6	957 / 12,3	
80/60	15	Power [kW] / Temp. air outlet [°C]	7,5 / 51,7	10,6 / 46,1	13,1 / 42,4	15,3 / 39,8	17,1 / 37,8	18,8 / 36,1	20,3 / 34,8	
		Water flow rate [l/h] / DP water [kPa]	330 / 1,7	466 / 3,2	575 / 4,8	669 / 6,3	750 / 7,8	823 / 9,3	888 / 10,7	
60/50	11	Power [kW] / Temp. air outlet [°C]	6,1 / 40,6	8,6 / 36,2	10,7 / 33,3	12,4 / 31,2	14,0 / 29,6	15,4 / 28,3	16,6 / 27,2	
		Water flow rate [l/h] / DP water [kPa]	527 / 4,2	749 / 8,1	929 / 12,0	1083 / 16,0	1218 / 19,9	1338 / 23,8	1446 / 27,5	
60/50	15	Power [kW] / Temp. air outlet [°C]	5,5 / 41,8	7,8 / 37,8	9,7 / 35,2	11,3 / 33,3	12,7 / 31,9	13,9 / 30,7	15,0 / 29,7	
		Water flow rate [l/h] / DP water [kPa]	478 / 3,5	679 / 6,7	841 / 10,0	980 / 13,3	1102 / 16,5	1210 / 19,7	1308 / 22,8	
45/40	11	Power [kW] / Temp. air outlet [°C]	4,4 / 32,2	6,2 / 29,1	7,7 / 27,1	9,0 / 25,6	10,1 / 24,5	11,1 / 23,5	12,1 / 22,8	
		Water flow rate [l/h] / DP water [kPa]	752 / 8,4	1072 / 16,3	1334 / 24,4	1557 / 32,6	1753 / 40,6	1928 / 48,5	2086 / 56,2	
45/40	15	Power [kW] / Temp. air outlet [°C]	3,8 / 33,4	5,4 / 30,8	6,7 / 29,0	7,8 / 27,7	8,8 / 26,7	9,7 / 25,9	10,5 / 25,2	
		Water flow rate [l/h] / DP water [kPa]	654 / 6,5	932 / 12,5	1158 / 18,8	1352 / 25,0	1521 / 31,2	1673 / 37,2	1809 / 43,1	
FREETIME 2700 Electric heating coil - PREMIUM BE										
Fresh air	0°C	-5	0°C	-5°C	-10°C	-15	-20			
Flow rate [m3/h]	2700	2700	2700	2700	2700	2700	2700	2700	2700	
Version	FIRST-SEASON		PREMIUM BE							
Power [kW]			Heating coil							
Temp. °C unit outlet	14,9	13,7	29,9	28,7	27,4	26,1	24,7			

FREETIME 3500 Water heating coil - PREMIUM BC									
Watertemp. [°C/°C]	Temp. air intake [°C]	Air flow rate [m3/h]	600	1000	1400	1800	2200	2600	3000
80/60	11	Power [kW] / Temp. air outlet [°C]	12,7 / 48,3	15,9 / 44,3	18,7 / 41,4	21,1 / 39,1	23,3 / 37,2	25,3 / 35,7	27,1 / 34,3
		Water flow rate [l/h] / DP water [kPa]	558 / 2,5	683 / 3,7	819 / 5,0	925 / 6,2	1021 / 7,4	1108 / 8,6	1188 / 9,8
	15	Power [kW] / Temp. air outlet [°C]	11,9 / 49,7	14,8 / 45,9	17,4 / 43,2	19,6 / 41,4	21,6 / 39,6	23,5 / 37,9	25,2 / 36,7
		Water flow rate [l/h] / DP water [kPa]	519 / 2,2	649 / 3,2	761 / 4,3	859 / 5,4	948 / 6,5	1029 / 7,5	1103 / 8,6
60/50	11	Power [kW] / Temp. air outlet [°C]	9,6 / 38,9	12,0 / 36,0	14,1 / 33,9	15,9 / 32,2	17,6 / 30,8	19,2 / 29,7	20,6 / 28,7
		Water flow rate [l/h] / DP water [kPa]	830 / 5,3	1042 / 8,1	1225 / 10,9	1387 / 13,6	1533 / 16,4	1666 / 19,1	1788 / 21,8
	15	Power [kW] / Temp. air outlet [°C]	8,7 / 40,3	10,9 / 37,7	12,8 / 35,7	14,4 / 34,2	16,0 / 33,0	17,3 / 31,9	18,6 / 31,0
		Water flow rate [l/h] / DP water [kPa]	753 / 4,5	945 / 6,7	1110 / 9,1	1256 / 11,4	1388 / 13,7	1508 / 15,9	1619 / 18,1
45/40	11	Power [kW] / Temp. air outlet [°C]	6,9 / 31,0	8,6 / 29,0	10,2 / 27,5	11,5 / 26,3	12,7 / 25,3	13,8 / 24,5	14,9 / 23,8
		Water flow rate [l/h] / DP water [kPa]	1185 / 10,6	1491 / 16,2	1756 / 21,8	1991 / 27,5	2203 / 33,1	2396 / 38,7	2574 / 44,1
	15	Power [kW] / Temp. air outlet [°C]	6,0 / 32,5	7,5 / 30,7	8,8 / 29,3	10,0 / 28,3	11,1 / 27,4	12,0 / 26,7	12,9 / 26,1
		Water flow rate [l/h] / DP water [kPa]	1032 / 8,2	1297 / 12,5	1527 / 16,9	1730 / 21,2	1914 / 25,6	2081 / 29,8	2235 / 34,0
FREETIME 3500 Electric heating coil - PREMIUM BE									
Fresh air	0°C	-5	0°C	-5°C	-10°C	-15	-20		
Flow rate [m3/h]	3500	3500	3500	3500	3500	3500	3500		
Version	FIRST-SEASON		PREMIUM BE						
Power [kW]			16,6						
Temp. °C unit outlet	15,7	14,7	29,8	28,7	27,1	26,4	25,3		

Configurations



Verse lucht / Air neuf



Aanzuig lokaal / Extraction local



Afblaas / rejet d'air



Pulsie / pulsion

