

FLIX

Comfort Fresh Air

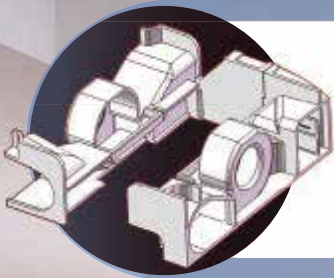
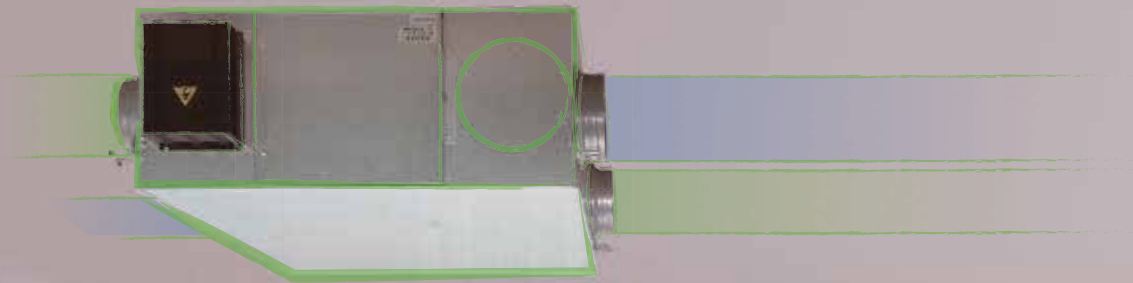
Ceiling Mounted Energy Recovery Ventilator

FRIGG FAH-250 / 350 / 500 / 650 Advance



Comfort Fresh Air

Ceiling Mounted Energy Recovery Ventilator



EPS Integrated Structure + Galvanized Ste

Good sealing, strong and durable machine body with smooth and low acoustic air c



Auto Bypass

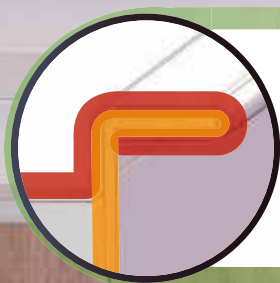
100% bypass, switching according to indoor and outdoor air temperature.



Optional Supply and Exhaust air direction

Optional air inlet/outlet at different directions, easy for site installation, and the pipe layout according to the site conditions.

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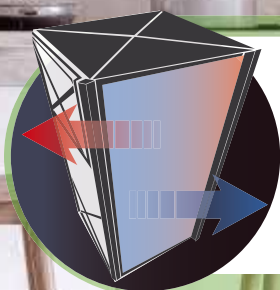
Occlusal edge sealing Technology

Improving the overall strength of the machine and making it run more smoothly.



High Efficiency and Energy Saving

Plastic encapsulated DC motor with features of low power consumption, high static pressure, long service life.



Total Heat Exchanger with Plastic Frame

High heat exchange efficiency, integrated compact and delicate filter slider.

INTELLIGENT CONTROL

Heat Recovery Mode

In this mode, the energy in the exhaust air can be recovered to heat (in winter) or cool (in summer) the fresh air, reducing energy loss.

Bypass Mode

When the outdoor air is comfortable, the fresh air can be directly supplied to the room without heat exchange, and the exhaust air in the room can be discharged at the same time, to improve the indoor air quality.

Auto Run Mode

The unit runs automatically according to the timer setting. When the auto bypass function is ON, the unit runs in heat exchange mode or bypass mode depending on the outdoor air temperature.

Sleep Mode

In sleep mode, the machine runs at the lowest speed and the backlight is off.



Basic Functions

- ① Fan speed selection
- ② Pressure balancing
- ③ Screen lock
- ④ Timer ON/OFF
- ⑤ Weekly timer
- ⑥ Filter/heat exchanger alarm
- ⑦ Power-off memory
- ⑧ Fault alarm
- ⑨ Auto Bypass
- ⑩ Auto defrosting
- ⑪ Engineering mode

Advanced Functions

- ① Low-temperature operation
- ② Temperature correction
- ③ Advanced sleep function
- ④ Intelligent airflow compensation

Reserved Functions

- ① Cloud control
- ② Forced dehumidification
- ③ Forced CO2 extraction
- ④ Filter pressure switch alarm
- ⑤ Various signal connectors

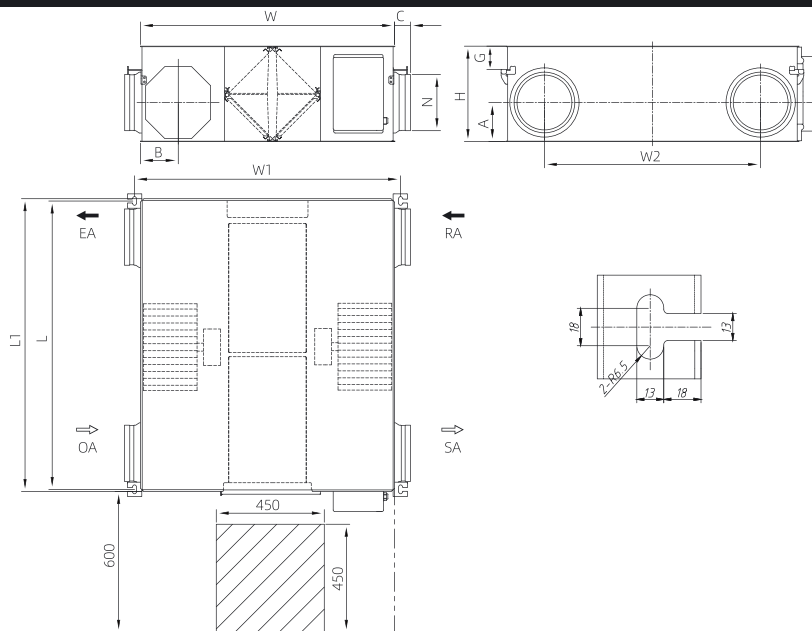
Product parameters

Model	FRIGG FAH-250 Advance	FRIGG FAH-350 Advance	FRIGG FAH-500 Advance	FRIGG FAH-650 Advance
Airflow (m ³ /h)	250	350	500	650
External Pressure (Pa)	85	160	120	120
Current [A]	0.48	0.98	1.15	1.65
Power [W]	62	140	165	252
Temperature exchange efficiency [%]	80-86	80-89	80-87	80-86
Noise dB(A)	28	32	34	35
Net Weight (Kg)	23	30	33	38
Energy consumption per unit airflow [W/(m ³ /h)]	0.25	0.4	0.33	0.38
Enthalpy exchange efficiency[%],Cooling	70-83	72-84	69-83	69-82
Enthalpy exchange efficiency[%],Heating	79-86	80-89	78-87	77-86
Power supply	220-240V,50/60HZ, 1ph			

Operating environment range: temperature -20°C ~ 45°C, relative humidity below 85%RH.

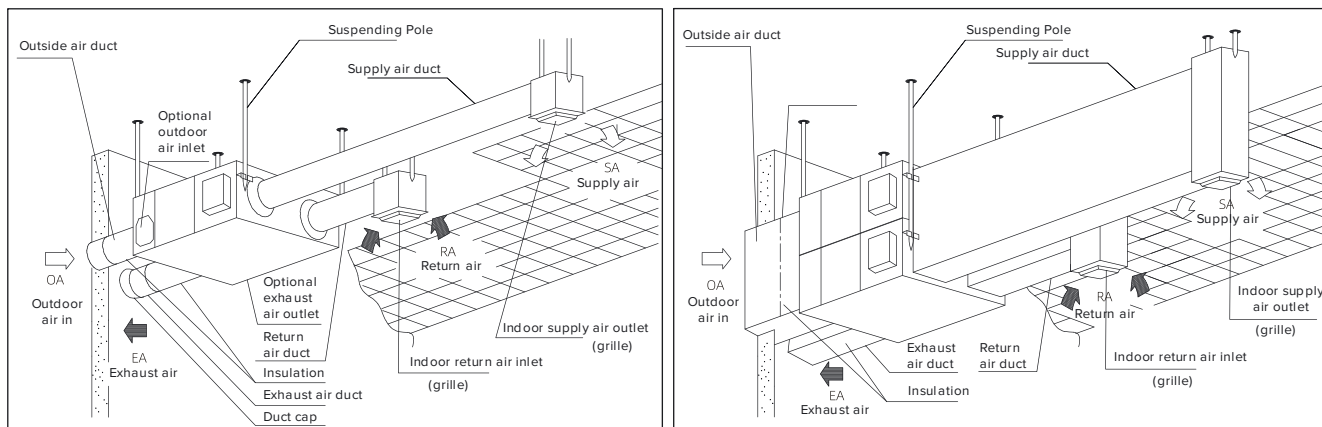
Product dimension drawing

Unit: mm

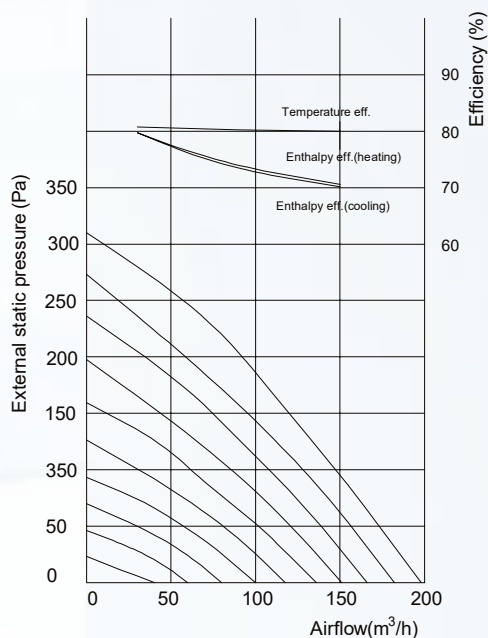


	L	L1	W	W1	W2	H	N	G	A	B	C
FAH-250 Advance	735	719	780	819	526	289	144	78	95	116	58
FAH-350 Advance	874	858	884	922	650	331	144	81	135	132	58
FAH-500 Advance	1016	1000	884	922	750	331	195	81	135	132	61
FAH-650 Advance	954	935	908	946.5	692	404	195	71	202	123	61

Product installation diagram



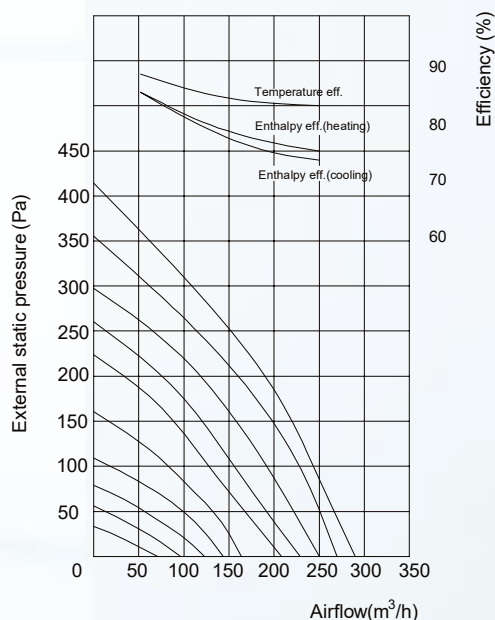
■ CFA 150C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 150C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	150
Electric power input of the fan drive at maximum flow rate(W)	58
Specific power input(SPI)(W/(m³/h))	0.38
External Pressure (Pa)	95
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	31
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

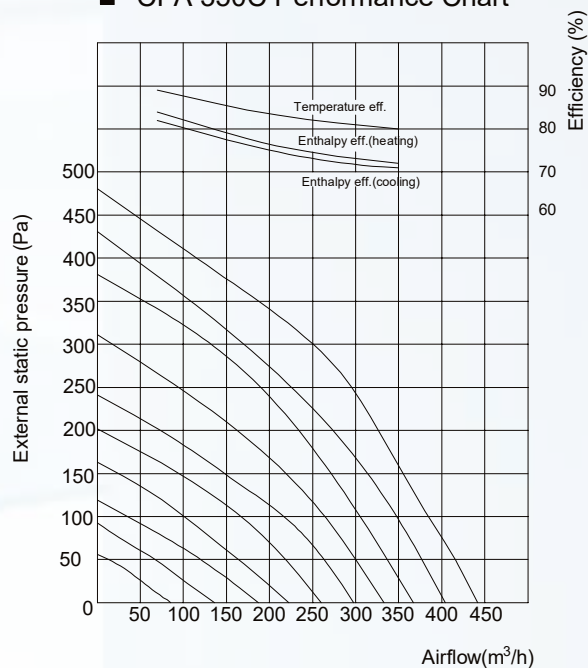
■ CFA 250C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 250C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	250
Electric power input of the fan drive at maximum flow rate(W)	62
Specific power input(SPI)(W/(m³/h))	0.25
External Pressure (Pa)	85
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	42
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

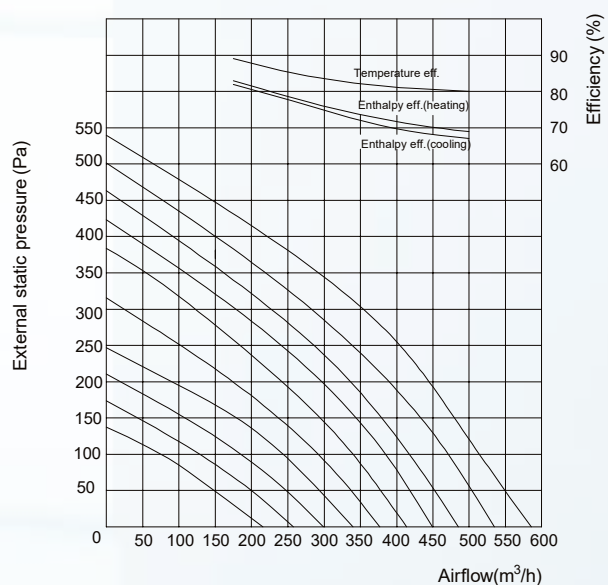
■ CFA 350C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 350C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	350
Electric power input of the fan drive at maximum flow rate(W)	140
Specific power input(SPI)(W/(m³/h))	0.4
External Pressure (Pa)	160
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	48
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

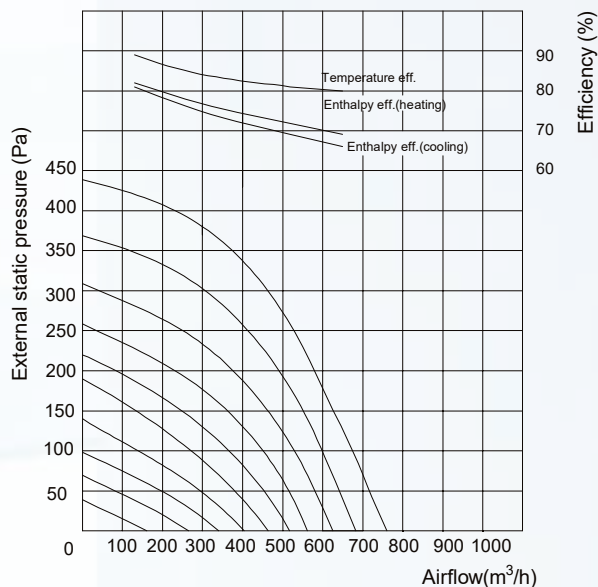
■ CFA 500C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 500C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	500
Electric power input of the fan drive at maximum flow rate(W)	165
Specific power input(SPI)(W/(m³/h))	0.33
External Pressure (Pa)	120
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	49
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

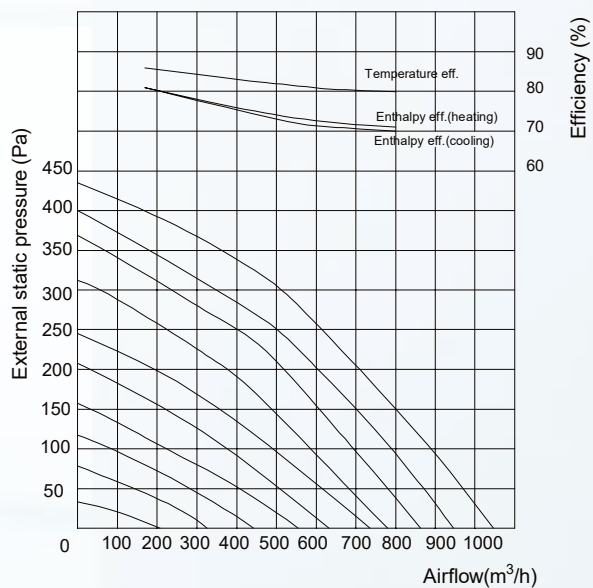
■ CFA 650C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 650C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	650
Electric power input of the fan drive at maximum flow rate(W)	252
Specific power input(SPI)(W/(m³/h))	0.38
External Pressure (Pa)	120
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	51
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

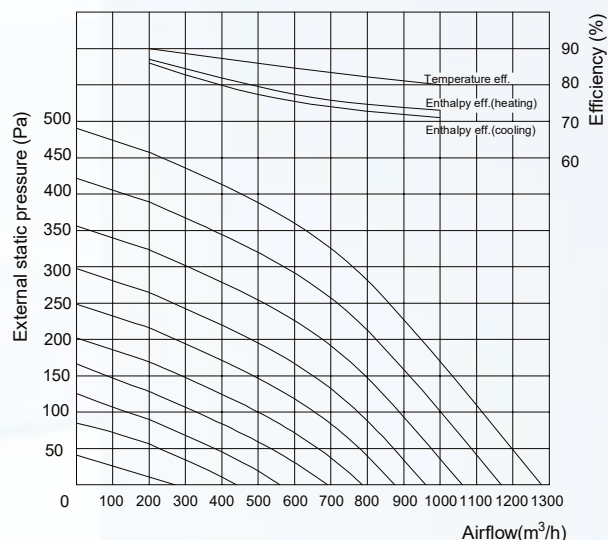
■ CFA 800C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 800C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	800
Electric power input of the fan drive at maximum flow rate(W)	335
Specific power input(SPI)(W/(m³/h))	0.42
External Pressure (Pa)	150
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	54
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

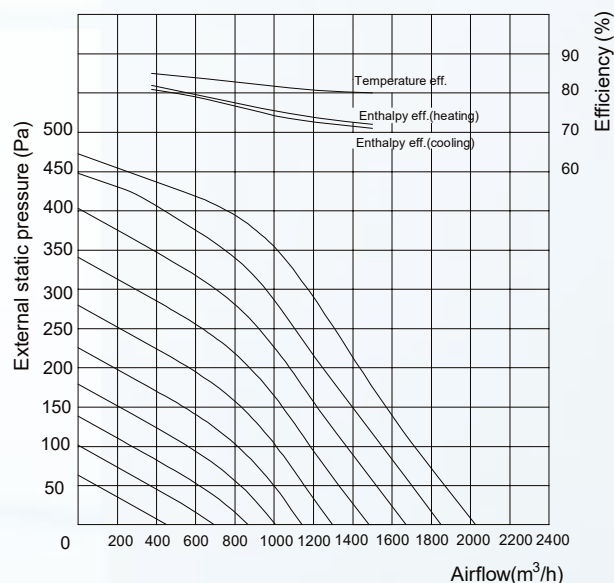
■ CFA 1000C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 1000C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	1000
Electric power input of the fan drive at maximum flow rate(W)	420
Specific power input(SPI)(W/(m³/h))	0.42
External Pressure (Pa)	170
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	56
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

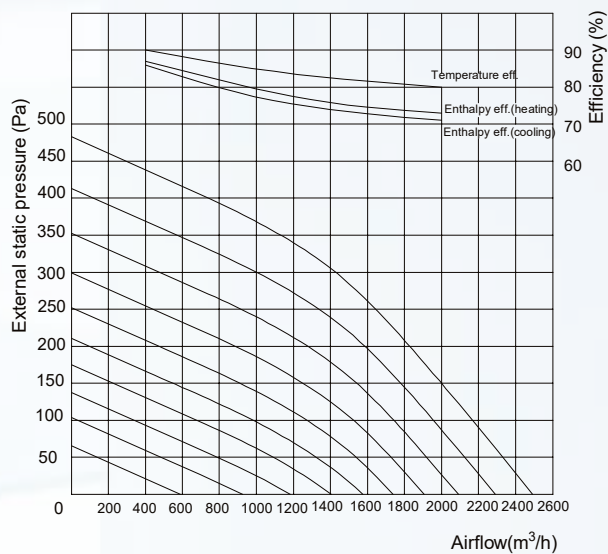
■ CFA 1500C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 1500C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m³/h)	1500
Electric power input of the fan drive at maximum flow rate(W)	670
Specific power input(SPI)(W/(m³/h))	0.44
External Pressure (Pa)	175
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	59
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product

■ CFA 2000C Performance Chart



NOMINAL DATA (DIRECTIVE AND REGULATION NO. 1253/2014 ECODESIGN 2018)

Producer	Beijing Holtop Air Conditioning Co., Ltd
Model	CFA 2000C
Typology of ventilation unit	RVU
Type of motor installed or planned	10/Variable speed drive
Type of heat recovery system	Recuperative
Maximum flow rate(m^3/h)	2000
Electric power input of the fan drive at maximum flow rate(W)	850
Specific power input(SPI)(W/(m^3/h))	0.43
External Pressure (Pa)	150
Thermal efficiency of heat recovery(%)	80
Sound power level(dB)	60
External leakage	max 10 @ 250 Pa (EN 13141-7)
Internal leakage	max 10 @ 100 Pa (EN 13141-7)
Web address	www.holtop.com
In accordance with the Regulation (UE) N° 1253/2014	2018 compliant product



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www.flixxair.com