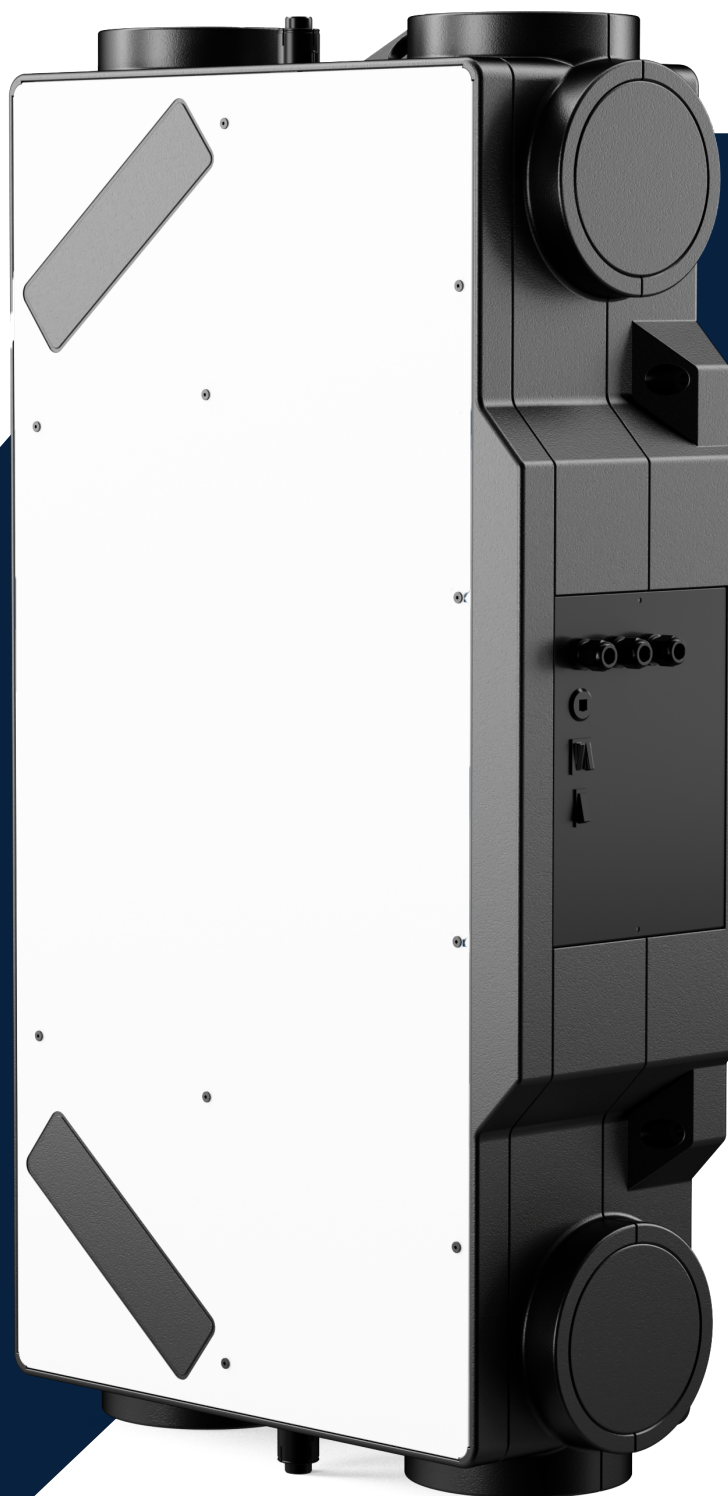


XFLAT350|450

Technical datasheet



MADE IN CZECH REPUBLIC



xvent

www.xvent.cz

For larger apartments and houses

Heat and moisture recovery exchanger

High flexibility

Integrated preheater

The **XFLAT 350-450** is a new central ventilation unit for houses or flats with a nominal airflow in the range of 300-450 m³/h. It offers a high efficiency heat exchanger (optionally heat and humidity), a very low construction height and a **lightweight EPP design**. "MultiPlacing" allows the unit to be installed in various positions (wall, ceiling) even in smaller technical rooms. High energy efficiency, the possibility of connecting a **CO₂ or humidity sensor**, integrated preheater and easy filter change (M5 or F7) make it a modern solution for ventilation with heat recovery.

2 PERFORMANCE VARIANTS

Xflat 350
with nominal flow rates
300 or 350 m³/h

Xflat 450
with nominal flow rates:
400 or 450 m³/h

The **unit body** is made of black EPP (expanded polypropylene) with metal cover on top.

Integrated preheater + possibility of an external afterheater. Afterheater is activated automatically and only when the unit is in operation.

Wi-Fi module integrated in unit (Xvent web-app available)
Smart Home systems connectivity (Modbus RTU protocol)



Wall mounted control panel as optional accessory.

Long-life filters - filtration classes M5 (ePM 10 55%) or F7 (ePM1 50%)

Low SFP
Low energy consumption

MULTIFLEX system

makes the unit **extremely versatile**
Switching between left and right versions with a button on the unit body.



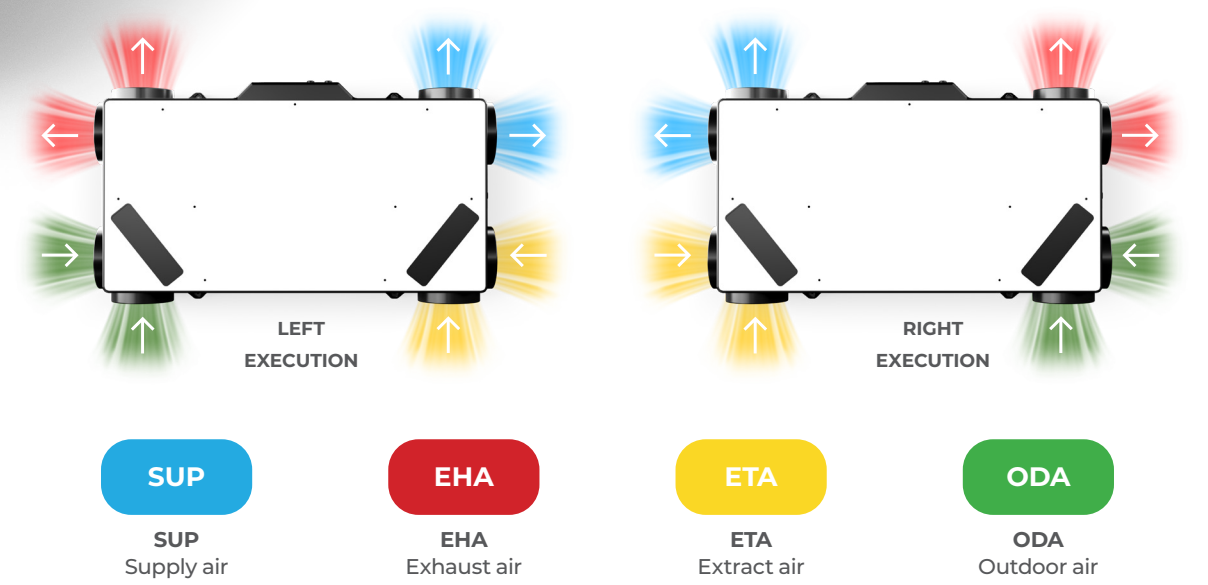
Automatic 2-flap bypass system

Switches for left/right version and nominal flow rate setting

Removable design metal sheet cover

EPP insulated sockets for connecting pipes from the front and side.

Great performance
Left and right version in one
MultiFlow
300-350 and 400-450 m³/h
Light weight (Only 26 kg)



General data

Xflat 350

		XFLAT 350			
		XF1-035-ECS0HR XXX-1A0	XF1-035-ECS0ER XXX-1A0	XF1-035-ECS0HR XXX-1A0	XF1-035-ECS0ER XXX-1A0
HEAT RECOVERY EXCHANGER TYPE	–	HRV	ERV	HRV	ERV
NOMINAL AIRFLOW *	m³/h	300	300	350	350
EFFICIENCY EN 13141-7 HEAT / MOISTURE ****	%	86,4 / -	72 / 49	86,4 / -	72 / 49
NOISE LEVEL **	dB(A)	35,6	35,6	37,3	37,3
NOMINAL INPUT *	W	165	165	209	209
NOMINAL CURRENT *	A	1,1	1,1	1,4	1,4
POWER SUPPLY	V/Hz	1 ~ 230 / 50–60			
HEATING POWER OF PREHEATER	kW	1200W (+11°C)			
WEIGHT ***	kg	26	28	26	28
DIMENSIONS / OUTPUT	mm	1190×650×270 / Internal 160			
IP RATING	–	IP20			

ENERGY EFFICIENCY CLASS (SEC)	-39,3 (A)	-38,8 (A)	-42,5 (A+)	-42,2 (A+)
* At nominal airflow and external pressure loss of 200 Pa	** Sound pressure level in free space at a distance of 3m (Q2)	*** Unit weight without packaging	**** Efficiency stated at 70% nom. flow rate according to EN 308	

General data

Xflat 450

		XFLAT 450			
		XF1-045-ECS0HR XXX-1A0	XF1-045-ECS0ER XXX-1A0	XF1-045-ECS0HR XXX-1A0	XF1-045-ECS0ER XXX-1A0
HEAT RECOVERY EXCHANGER TYPE	–	HRV	ERV	HRV	ERV
NOMINAL AIRFLOW *		400	400	450	450
EFFICIENCY EN 13141-7 HEAT / MOISTURE ****	m³/h	85,6 / -	70 / 45	85,6 / -	70 / 45
NOISE LEVEL **	dB(A)	35,5	35,5	37,7	37,7
NOMINAL INPUT *	W	245	245	318	318
NOMINAL CURRENT *	A	1,82	1,82	2,27	2,27
POWER SUPPLY	V/Hz	1 ~ 230 / 50–60			
HEATING POWER OF PREHEATER	kW	1200W (+8°C)			
WEIGHT ***	kg	27	29	27	29
DIMENSIONS / OUTPUT	mm	1190×650×270 / Internal 160			
IP RATING	–	IP20			

ENERGY EFFICIENCY CLASS (SEC)	-38,2 (A)	-36,6 (A)	-41,8 (A)	-40,8 (A)
* At nominal airflow and external pressure loss of 200 Pa	** Sound pressure level in free space at a distance of 3m (Q2)	*** Unit weight without packaging	**** Efficiency stated at 70% nom. flow rate according to EN 308	

SFP / SPI

Xflat350|450

	SFP (W/m³/h)	Nominal airflow - ECODESIGN (m³/h)	Power consumption - fan (W)	Power consumption - control (W)	Power consumption - complete unit (W)	SPI (W/m³/h)
XF2-035 (300m³/h)	0,258	210	54	3	57	0,27
XF2-035 (350m³/h)	0,298	245	73	3	76	0,31
XF2-045 (400m³/h)	0,293	280	82	3	85	0,30
XF2-045 (450m³/h)	0,357	315	112	3	115	0,37

Controls

Xflat 350|450

	WI-FI	WIRED WALL TOUCH-CONTROLLER	RF CONTROLLER
			
CONTROL TYPE	WI-FI module in-built	OPTIONAL ACCESSORY XCONT-TR-CENT-COMFORT	OPTIONAL ACCESSORY RF-REMOTE-CONTROLLER
CONNECTION	via Web-Server (PC/smartphone)	LAN cable (10m in delivery)	RF (wireless)
MODE SETTING AUTOMATIC / MANUAL	✓	✓	✓
FILTER / ERROR INDICATION	✓	✓	✓
BOOST ACTIVATION	✓	✓	✓
BY-PASS (FREECOOLING) ACTIVATION	✓ automatic	✓ automatic	✗
OFFSET SETTING (FANS DISBALANCE)	✓	✓	✗
TIMER SETTING	✓	✓	✗
BMS	MODBUS RTU	MODBUS RTU	-

Dimensions

Xflat 350|450

	Product code	Weight		Pallette size (W x L x H)*	Pieces on pallet
		Brutto	Netto		
		kg		mm	max. pcs
Xflat 350 450	XF1-035... XF1-045...	28 29	26 27	1400x800x2140	7

* Package contains: Xflat unit, quick manual and safety instructions



Technical data
Xflat350
setting 300m³/h

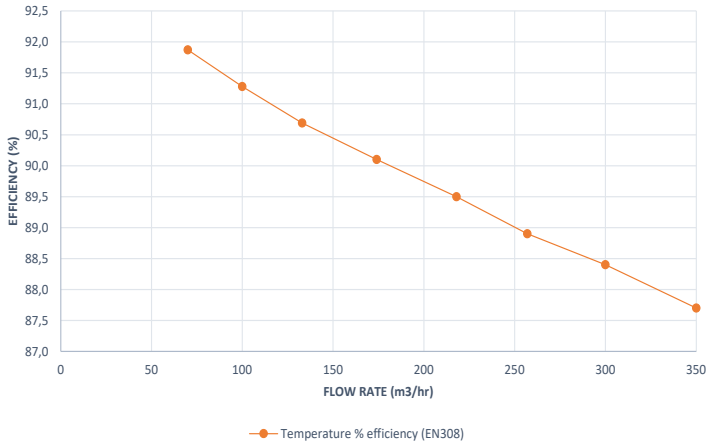
	HEAT EXCHANGER (HRV)				ENTHALPIC EXCHANGER (ERV)				
	XF1-035-ECS0HRxxx-1A0				XF1-035-ECS0ERxxx-1A0				
SPEED LEVEL NO.	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	HUMIDITY EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)
1	70	91,9	0,10	9	70	78,9	61,2	0,10	9
2	100	91,3	0,15	14	100	77,3	58,7	0,15	14
3	133	90,7	0,30	20	133	75,8	56,3	0,30	20
4	174	90,1	0,55	32	174	74,2	53,7	0,55	32
5	218	89,5	0,85	61	218	72,7	51,3	0,85	61
6	257	88,9	0,99	121	257	71,3	49,1	0,99	121
7**	300	88,4	1,12	165	300	69,8	46,4	1,12	165
Boost*	350	87,7	1,26	179	350	68	43,8	1,26	179
ECODESIGN***	210	89,5	0,34	54	210	73	51,7	0,34	54

* BOOST mode - intensive ventilation for a set period of time (ventilation intensity and ventilation time can be set in the customer menu)

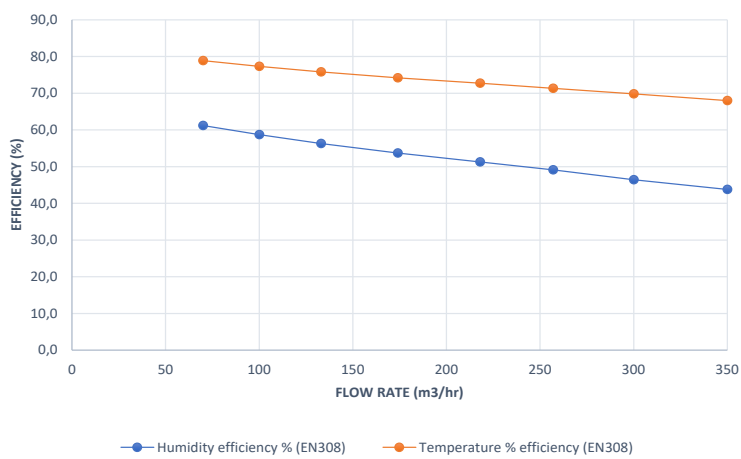
** at 200 Pa EPD

*** at 70% of nominal airflow

RECOVERY EFFICIENCY (HRV)
XF1-035-ECS0HRXXX-1A0



RECOVERY EFFICIENCY (ERV)
XF1-035-ECS0ERxxx-1A0



Technical data
Xflat350
setting 350m³/h

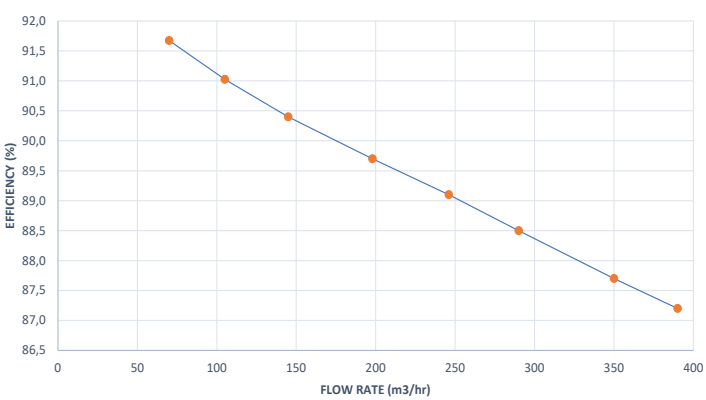
	HEAT EXCHANGER (HRV)				ENTHALPIC EXCHANGER (ERV)				
	XF1-035-ECS0HRxxx-1A0				XF1-035-ECS0ERxxx-1A0				
SPEED LEVEL NO.	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	HUMIDITY EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)
1	70	91,7	0,10	9	70	78,5	60,5	0,10	9
2	105	91,0	0,16	15	105	76,8	57,8	0,16	15
3	145	90,4	0,35	22	145	75	55	0,35	22
4	198	89,7	0,65	38	198	73,4	52,4	0,65	38
5	246	89,1	0,90	115	246	71,7	49,7	0,90	115
6	290	88,5	1,08	160	290	70	47	1,08	160
7**	350	87,7	1,26	179	350	68	43,8	1,26	179
Boost*	390	87,2	1,85	270	390	66,5	41,6	1,85	270
ECODESIGN***	245	89,1	0,55	66	245	71,7	49,7	0,55	66

* BOOST mode - intensive ventilation for a set period of time (ventilation intensity and ventilation time can be set in the customer menu)

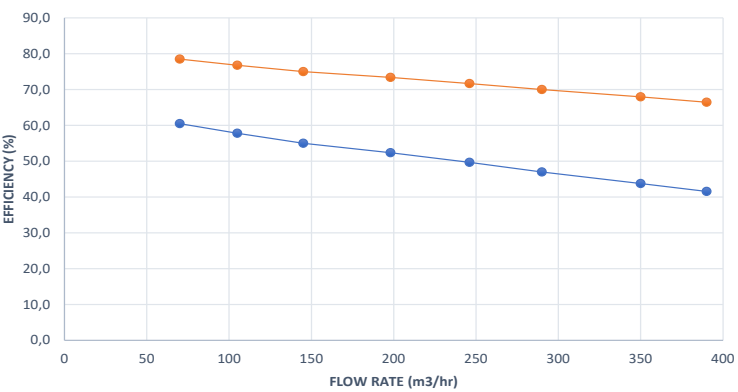
** at 200 Pa EPD

*** at 70% of nominal airflow

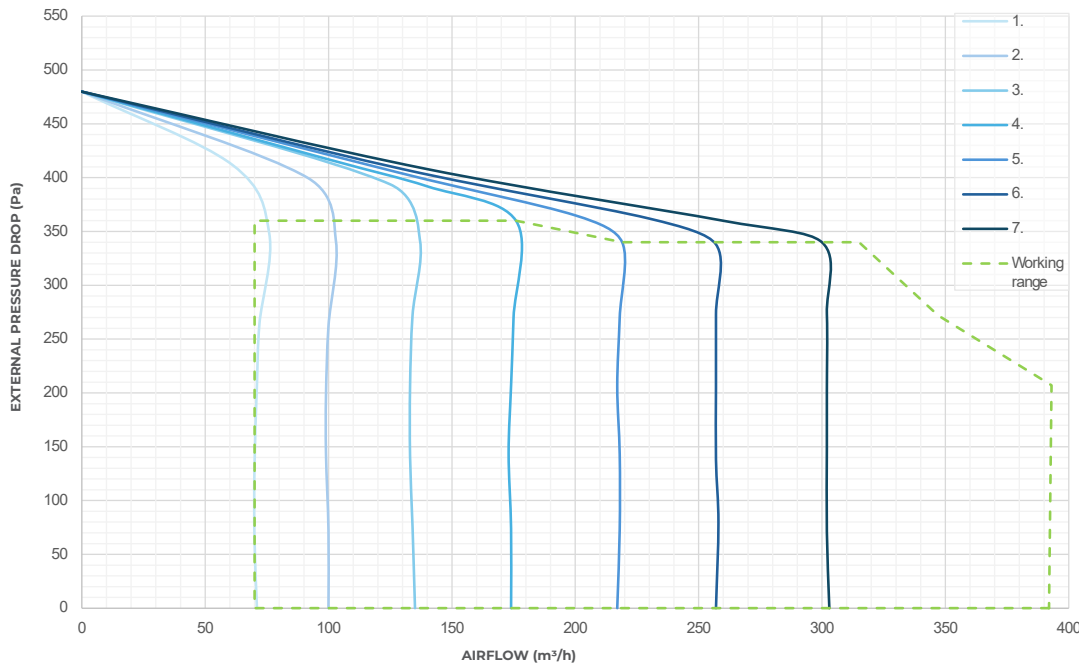
RECOVERY EFFICIENCY (HRV)
XF1-035-ECS0HRxxx-1A0



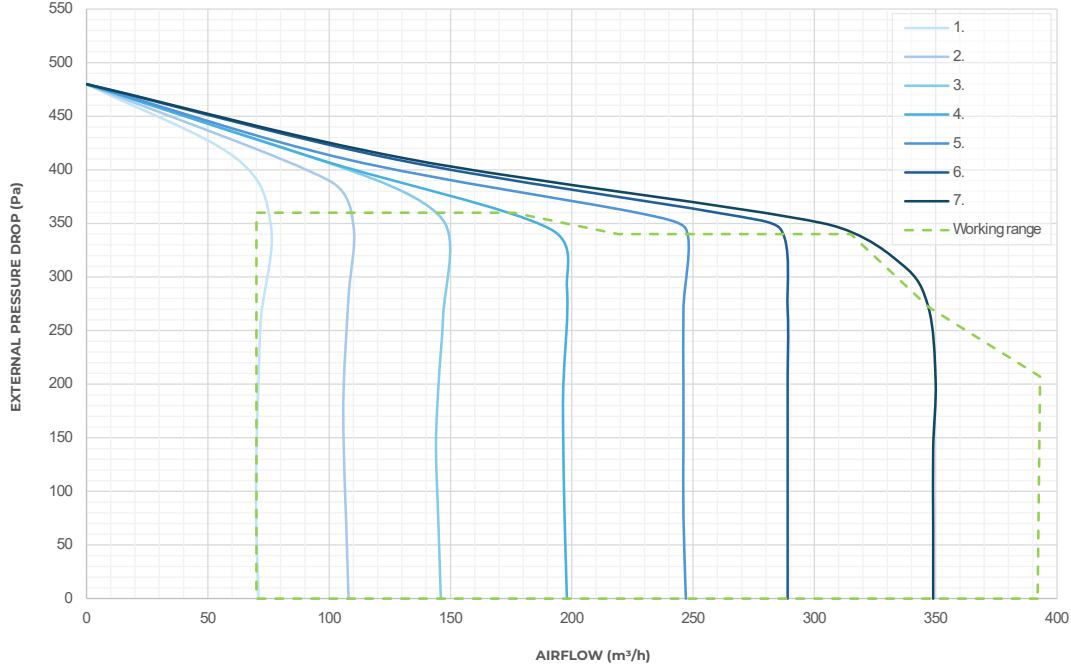
RECOVERY EFFICIENCY (ERV)
XF1-035-ECS0ERxxx-1A0



AIRFLOW / PRESSURE CHARACTERISTIC (HRV, ERV)



AIRFLOW / PRESSURE CHARACTERISTIC (HRV, ERV)

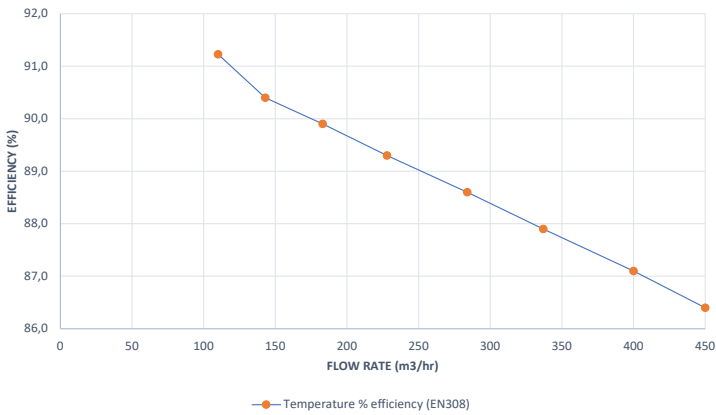


Technical data
Xflat 450
setting 400m³/h

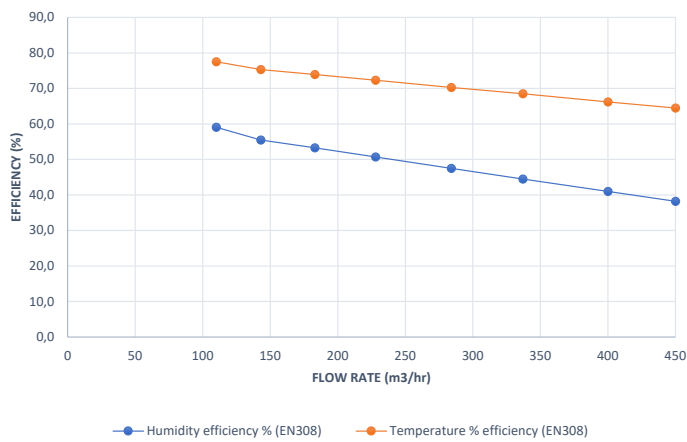
	HEAT EXCHANGER (HRV)				ENTHALPIC EXCHANGER (ERV)				
	XF1-045-ECS0HRxxx-1A0				XF1-045-ECS0ERxxx-1A0				
SPEED LEVEL NO.	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	HUMIDITY EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)
1	110	91,2	0,18	16	110	77,5	59,1	0,18	16
2	143	90,4	0,25	25	143	75,3	55,5	0,25	25
3	183	89,9	0,39	44	183	73,9	53,3	0,39	44
4	228	89,3	0,55	70	228	72,3	50,7	0,55	70
5	284	88,6	0,82	110	284	70,3	47,5	0,82	110
6	337	87,9	1,20	167	337	68,5	44,5	1,20	167
7**	400	87,1	1,80	250	400	66,2	41	1,80	250
Boost*	450	86,4	2,30	320	450	64,5	38,2	2,30	320
ECODESIGN***	280	88,6	0,66	82	280	70,5	47,8	0,66	82

* BOOST mode - intensive ventilation for a set period of time (ventilation intensity and ventilation time can be set in the customer menu) ** at 200 Pa EPD *** at 70% of nominal airflow

RECOVERY EFFICIENCY (HRV)
XF1-045-ECS0HRxxx-1A0



RECOVERY EFFICIENCY (ERV)
XF1-045-ECS0ERxxx-1A0

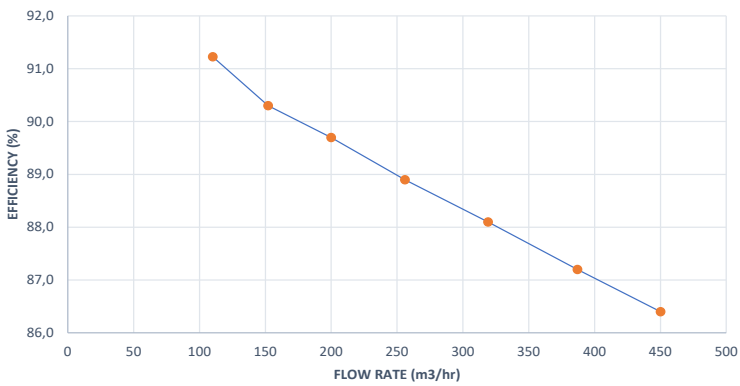


Technical data
Xflat 450
setting 450m³/h

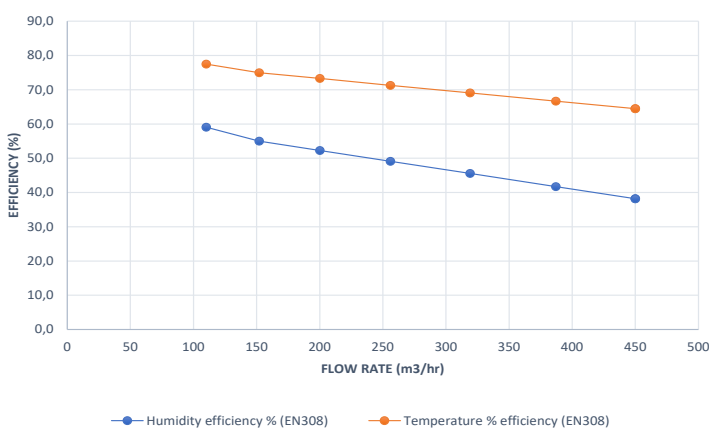
	HEAT EXCHANGER (HRV)				ENTHALPIC EXCHANGER (ERV)				
	XF1-045-ECS0HRxxx-1A0				XF1-045-ECS0ERxxx-1A0				
SPEED LEVEL NO.	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)	FLOW RATE (m3/h)	TEMPE-RATURE % EFFICIENCY (EN308)	HUMIDITY EFFICIENCY (EN308)	CURRENT (A)	POWER INPUT (W)
1	110	91,2	0,18	16	110	77,5	59,1	0,18	16
2	152	90,3	0,28	28	152	75	55	0,28	28
3	200	89,7	0,45	51	200	73,3	52,3	0,45	51
4	256	88,9	0,67	101	256	71,3	49,1	0,67	101
5	319	88,1	1,10	150	319	69,1	45,6	1,10	150
6	387	87,2	1,70	240	387	66,7	41,7	1,70	240
7**	450	86,4	2,30	320	450	64,5	38,2	2,30	320
Boost*	450	86,4	2,30	320	450	64,5	38,2	2,30	320
ECODESIGN***	314	85,7	0,88	112	314	70	45,8	0,88	112

* BOOST mode - intensive ventilation for a set period of time (ventilation intensity and ventilation time can be set in the customer menu) ** at 200 Pa EPD *** at 70% of nominal airflow

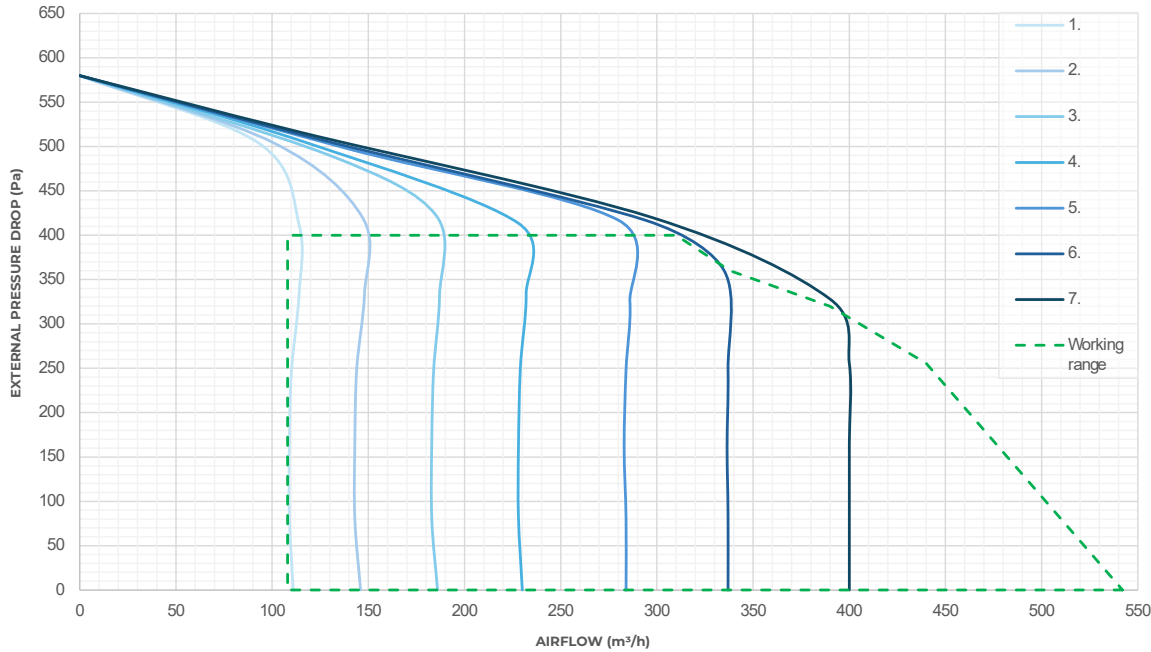
RECOVERY EFFICIENCY (HRV)
XF1-045-ECS0HRxxx-1A0



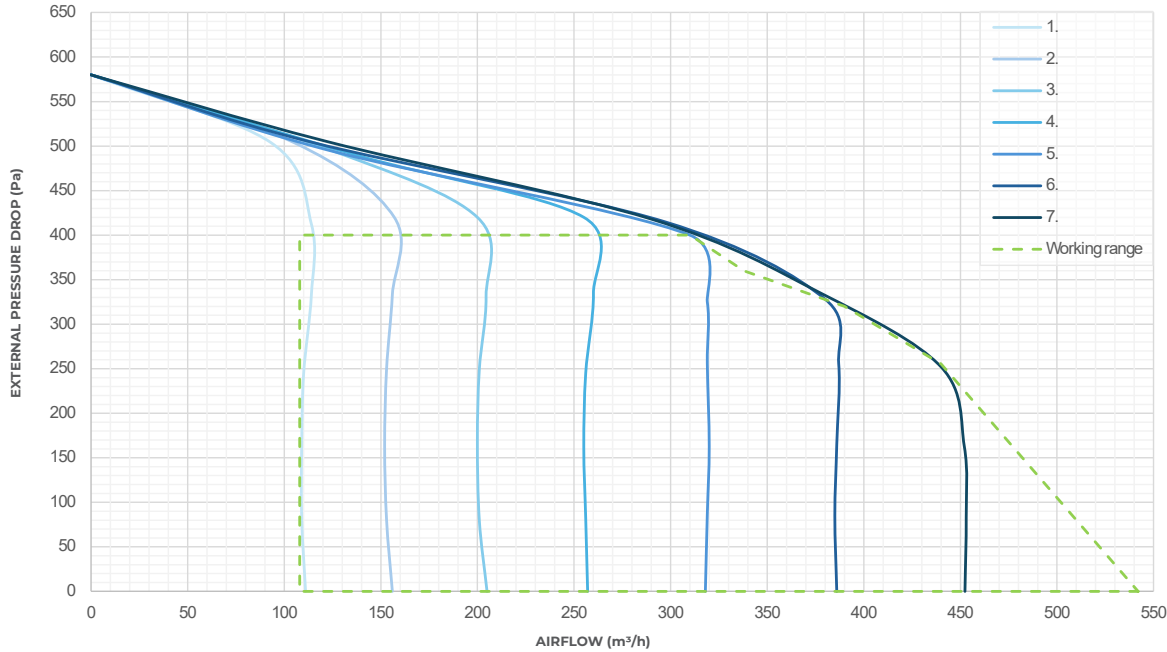
RECOVERY EFFICIENCY (ERV)
XF1-045-ECS0ERxxx-1A0



AIRFLOW / PRESSURE CHARACTERISTIC (HRV, ERV)



AIRFLOW / PRESSURE CHARACTERISTIC (HRV, ERV)



Acoustic data
Xflat350
setting 300m³/h

Acoustic data Xflat350 setting 300m³/h	XFLAT 350 (HRV, ERV)									SOUND POWER LEVEL	SOUND PRESSURE LEVEL (in the open field on the reflection plane)	
	XF1-035-ECS0xxxx-1A0											
AIRFLOW LEVEL (m³)		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]	LPA (dB) in 1m	LPA (dB) in 3m
MIN	dB	13,0	13,0	30,7	27,5	26,3	18,7	11,6	11,6	41,6	27,6	20,0
MIDDLE	dB	22,5	35,3	37,5	32,7	38,9	32,4	21,7	15,4	47,4	33,4	25,8
MAX	dB	28,8	42,5	47,8	40,5	52,0	40,9	33,6	27,1	57,2	43,2	35,6
ECODESIGN*	dB	21,4	34,2	37,3	32,3	38,5	31,9	21,8	15,8	47,2	33,2	25,6

* at 70% of nominal airflow, 50 Pa

		XFLAT 350 (HRV, ERV)									SOUND POWER LEVEL
		XF1-035-ECS0xxxx-1A0									
AIRFLOW CHANNEL			63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]
ODA	MIN	dB	19,8	25,7	21,6	16,6	12,9	6,9	1,0	3,5	33,1
	MID	dB	32,8	50,7	38,7	27,5	29,4	23,8	12,2	13,7	53,0
	MAX	dB	40,2	56,3	51,3	36,7	38,9	32,6	25,6	26,3	60,8
	SFP	dB	32,9	46,5	39,0	29,0	29,9	24,2	13,8	13,7	51,6
SUP	MIN	dB	30,1	27,0	27,0	29,0	23,1	22,3	17,4	8,2	39,1
	MID	dB	48,9	52,2	50,4	45,4	47,0	47,6	43,7	35,5	60,5
	MAX	dB	54,9	58,9	62,1	53,7	52,6	55,4	55,3	48,2	70,0
	SFP	dB	46,9	49,7	49,3	45,2	44,9	46,6	42,6	34,1	59,4
ETA	MIN	dB	19,5	24,9	20,3	17,6	13,4	6,2	1,4	4,0	33,4
	MID	dB	34,8	50,1	40,4	28,8	30,3	25,8	14,4	12,6	53,5
	MAX	dB	38,8	55,6	51,7	36,4	37,1	33,5	25,5	24,7	60,4
	SFP	dB	31,5	47,1	39,3	28,5	29,3	24,8	14,2	11,8	51,8
EHA	MIN	dB	29,8	27,7	27,4	28,4	22,8	22,3	16,2	7,8	38,9
	MID	dB	47,6	52,0	49,4	45,5	46,2	47,7	44,6	36,9	60,2
	MAX	dB	53,2	57,7	61,2	53,4	52,1	55,6	55,6	49,5	69,4
	SFP	dB	44,5	49,0	48,8	44,9	44,7	46,8	43,5	35,3	59,0

* at 70% of nominal airflow, 50 Pa

Acoustic data
Xflat350
setting 350m³/h

Acoustic data Xflat 350 setting 350m³/h	XFLAT 350 (HRV, ERV)									SOUND POWER LEVEL	SOUND PRESSURE LEVEL (in the open field on the reflection plane)	
	XF1-035-ECS0xxxx-1A0											
AIRFLOW LEVEL (m³)		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]	LPA (dB) in 1m	LPA (dB) in 3m
MIN	dB	13,0	13,0	30,7	27,5	26,3	18,7	11,6	11,6	41,6	27,6	20,0
MIDDLE	dB	24,3	36,1	38,9	33,9	39,5	34,0	24,0	17,7	48,3	34,3	26,8
MAX	dB	31,4	44,6	51,6	43,3	50,3	43,0	36,0	29,9	58,8	44,8	37,3
ECODESIGN*	dB	23,4	36,3	40,4	34,4	40,0	34,0	24,6	18,1	49,0	35,0	27,4

* at 70% of nominal airflow, 50 Pa

		XFLAT 350 (HRV, ERV)									SOUND POWER LEVEL
		XF1-035-ECS0xxxx-1A0									
AIRFLOW CHANNEL			63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]
ODA	MIN	dB	19,8	25,7	21,6	16,6	12,9	6,9	1,0	3,5	33,1
	MID	dB	35,7	49,8	41,5	30,5	31,6	26,0	16,0	16,3	53,6
	MAX	dB	41,0	55,8	53,1	38,8	47,0	34,7	28,3	29,8	61,8
	SFP	dB	34,8	49,6	42,3	30,9	31,6	26,3	17,2	17,2	53,8
SUP	MIN	dB	30,1	27,0	27,0	29,0	23,1	22,3	17,4	8,2	39,1
	MID	dB	48,4	52,6	51,6	46,0	47,4	48,4	45,1	37,0	61,3
	MAX	dB	55,9	59,7	64,3	56,7	54,9	58,4	57,9	51,3	72,1
	SFP	dB	50,3	53,4	52,9	47,4	47,7	49,0	46,6	38,7	62,4
ETA	MIN	dB	19,5	24,9	20,3	17,6	13,4	6,2	1,4	4,0	33,4
	MID	dB	35,8	50,0	41,7	29,6	30,6	26,8	15,9	14,2	53,7
	MAX	dB	40,6	56,0	53,8	39,1	41,8	35,8	28,2	28,1	62,2
	SFP	dB	33,6	50,7	43,2	30,6	30,8	27,2	16,9	15,4	54,3
EHA	MIN	dB	29,8	27,7	27,4	28,4	22,8	22,3	16,2	7,8	38,9
	MID	dB	47,6	51,1	51,1	46,2	46,8	48,8	45,8	38,2	60,8
	MAX	dB	54,7	59,0	64,3	56,7	56,1	58,3	58,3	52,3	72,1
	SFP	dB	47,8	51,1	52,5	47,2	47,1	49,3	46,9	39,5	61,7

* at 70% of nominal airflow, 50 Pa

Acoustic data
Xflat 450
setting 400m³/h

Acoustic data Xflat450 setting 400m³/h	XFLAT 450 (HRV, ERV)									SOUND POWER LEVEL	SOUND PRESSURE LEVEL (in the open field on the reflection plane)	
	XF1-045-ECS0xxxxx-1A0											
AIRFLOW LEVEL (m³)		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]	LPA (dB) in 1m	LPA (dB) in 3m
MIN	dB	15,3	21,6	27,7	29,9	29,7	20,5	12,1	11,6	41,9	27,9	20,4
MIDDLE	dB	21,6	34,4	40,0	35,3	40,5	34,1	25,1	19,3	49,2	35,2	27,6
MAX	dB	27,7	40,8	48,5	43,8	47,1	43,3	35,4	30,1	57,1	43,1	35,5
ECODESIGN*	dB	22,0	33,9	39,8	35,5	40,3	33,5	24,6	18,6	48,9	34,9	27,4

* at 70% of nominal airflow, 50 Pa

		XFLAT 450 (HRV, ERV)									SOUND POWER LEVEL
		XF1-045-ECS0xxxxx-1A0									
AIRFLOW CHANNEL			63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]
ODA	MIN	dB	24,8	32,2	27,0	20,7	16,2	8,6	1,3	4,4	39,0
	MID	dB	36,5	46,3	42,6	32,0	32,1	25,4	17,3	15,4	52,1
	MAX	dB	41,5	53,2	50,5	40,5	38,1	34,3	27,8	27,4	59,5
	SFP	dB	32,8	45,8	42,3	32,0	32,6	24,7	17,0	14,9	51,5
SUP	MIN	dB	37,6	33,7	33,8	36,3	28,9	27,9	21,7	10,2	46,0
	MID	dB	47,5	47,9	52,8	48,2	49,3	48,6	45,3	39,0	61,7
	MAX	dB	53,8	55,9	61,0	57,6	54,6	58,8	56,2	51,5	71,0
	SFP	dB	47,0	48,5	51,3	48,7	47,0	48,5	45,8	39,4	61,5
ETA	MIN	dB	24,4	31,1	25,4	22,0	16,8	7,7	1,7	5,0	39,5
	MID	dB	34,4	46,8	43,0	32,3	30,7	25,7	17,4	16,4	51,9
	MAX	dB	40,8	53,3	51,2	41,1	37,8	35,1	28,0	27,5	59,7
	SFP	dB	30,6	46,6	42,8	32,6	30,5	25,4	17,4	16,0	51,7
EHA	MIN	dB	37,3	34,6	34,3	35,5	28,5	27,9	20,2	9,7	45,7
	MID	dB	46,4	48,3	52,5	48,0	47,3	48,3	45,4	38,4	61,4
	MAX	dB	52,9	55,5	61,7	57,3	54,8	58,5	56,5	51,5	70,9
	SFP	dB	45,2	48,4	52,0	48,0	46,2	47,6	44,7	37,7	60,9

* at 70% of nominal airflow, 50 Pa

Acoustic data
Xflat 450
setting 450m³/h

Acoustic data Xflat 450 setting 450m³/h	XFLAT 450 (HRV, ERV)									SOUND POWER LEVEL	SOUND PRESSURE LEVEL (in the open field on the reflection plane)	
	XF1-045-ECS0xxxxx-1A0											
AIRFLOW LEVEL (m³)		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]	LPA (dB) in 1m	LPA (dB) in 3m
MIN	dB	15,3	21,6	27,7	29,9	29,7	20,5	12,1	11,6	41,9	27,9	20,4
MIDDLE	dB	23,6	35,8	43,2	37,8	42,2	37,1	28,5	22,9	51,9	37,9	30,4
MAX	dB	28,7	44,4	51,0	45,7	49,1	45,9	37,8	32,7	59,3	45,3	37,7
ECODESIGN*	dB	23,5	36,3	42,1	37,6	42,1	36,0	27,4	21,5	51,2	37,2	29,6

* at 70% of nominal airflow, 50 Pa

		XFLAT 450 (HRV, ERV)									SOUND POWER LEVEL
		XF1-045-ECS0xxxx-1A0									
AIRFLOW CHANNEL			63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	LWA [dB (A)]
ODA	MIN	dB	24,8	32,2	27,0	20,7	16,2	8,6	1,3	4,4	39,0
	MID	dB	38,3	48,3	45,2	34,7	33,9	28,5	21,0	19,7	54,2
	MAX	dB	42,7	54,9	53,0	42,6	40,3	36,5	30,3	30,3	61,4
	SFP	dB	34,8	48,2	44,9	34,4	33,1	27,2	19,8	18,3	53,9
SUP	MIN	dB	37,6	33,7	33,8	36,3	28,9	27,9	21,7	10,2	46,0
	MID	dB	49,5	50,4	55,7	51,5	52,2	51,9	49,3	43,6	65,0
	MAX	dB	54,6	58,3	63,3	60,4	57,1	61,8	59,0	54,4	73,4
	SFP	dB	50,1	51,0	55,5	51,3	51,3	51,1	48,5	42,5	64,5
ETA	MIN	dB	24,4	31,1	25,4	22,0	16,8	7,7	1,7	5,0	39,5
	MID	dB	36,7	48,3	45,6	35,1	33,3	29,0	21,0	20,1	54,2
	MAX	dB	42,5	55,1	53,5	43,4	39,7	37,7	30,4	30,1	61,5
	SFP	dB	31,4	48,7	45,3	34,9	32,2	27,6	20,0	18,8	54,2
EHA	MIN	dB	37,3	34,6	34,3	35,5	28,5	27,9	20,2	9,7	45,7
	MID	dB	48,3	50,7	55,4	51,2	50,4	51,6	48,9	43,4	64,5
	MAX	dB	54,5	57,6	63,5	59,7	57,0	61,4	59,1	54,0	73,1
	SFP	dB	48,7	51,4	55,0	50,9	49,3	50,6	48,0	41,8	63,9

* at 70% of nominal airflow, 50 Pa

Accessories
Xflat 350 | 450

Wall controller
XCONT-TR-CENT-COMFORT

Wall controller (incl. 10m cable) - possibility to control the airflow (7 speeds), ventilation mode, bypass, boost and free-cooling mode. Filter and error indication diode (LED)



RF controller
RF-REMOTE-CONTROLLER

RF controller - possibility to control the airflow and boost. Filter and error indication diode. Battery powered (batteries included). Receiver already in-built in heat recovery unit.



SPARE FILTERS (set of 2pcs)			
M5 - Coarse 90% ISO 16890	F7 - ePM1 50 % ISO 16890	F9 - ePM1 80 % ISO 16890	G4 with Active Carbon ePM2,5 60% ISO 16890
XF-035/045-FILTER-M5	XF-035/045-FILTER-F7	XF-035/045-FILTER-F9	XF-035/050-FILTER-G4/AC



AQS SENSORS				
	Wall mounted - wired	Wall in-built	Duct	Wall mounted - wireless
CO ₂	NL-ECO-CO2-P111	NL-ECO-CO2-MINI-D-P111	NL-ECO-CO2-D-P111	NLB-CO2-5-MRF-P111
RH	NL-ECO-RH-P111	NL-ECO-RH-MINI-D-P111	NL-ECO-RH-D-P111	NLB-RH+T-MRF-P111
CO ₂ + RH	NLII-CO2+RH-D-P111	-	-	NLB-CO2+RH+T-5-MRF-P111
RECEIVER FOR WIRELESS SENSORS	-	-	-	NL-MRF-RX-CO2+RH-P111

- after switching the unit to automatic mode, the air flow is regulated based on the CO₂ / RH concentration in the room. Combined sensor always records a highest value.

Radon sensor
NL-ADS-RN3

Radon sensor - Sensor for real-time monitoring of radon activity and ventilation control. After switching the unit to automatic mode, the air flow is regulated based on the Radon concentration in the room.



AQS Extension
PRO-SUM-08-D-P111

AQS extension - allows to connect up to 8 pcs of air quality sensors (of same type, not combinable)



Duct pre-heater
EK-PH-160-09-1F

Duct pre-heater - external duct air preheater with a power of 0,9 kW as additional anti-freeze protection



Duct after-heater
EK-AH-160-0,6-1F

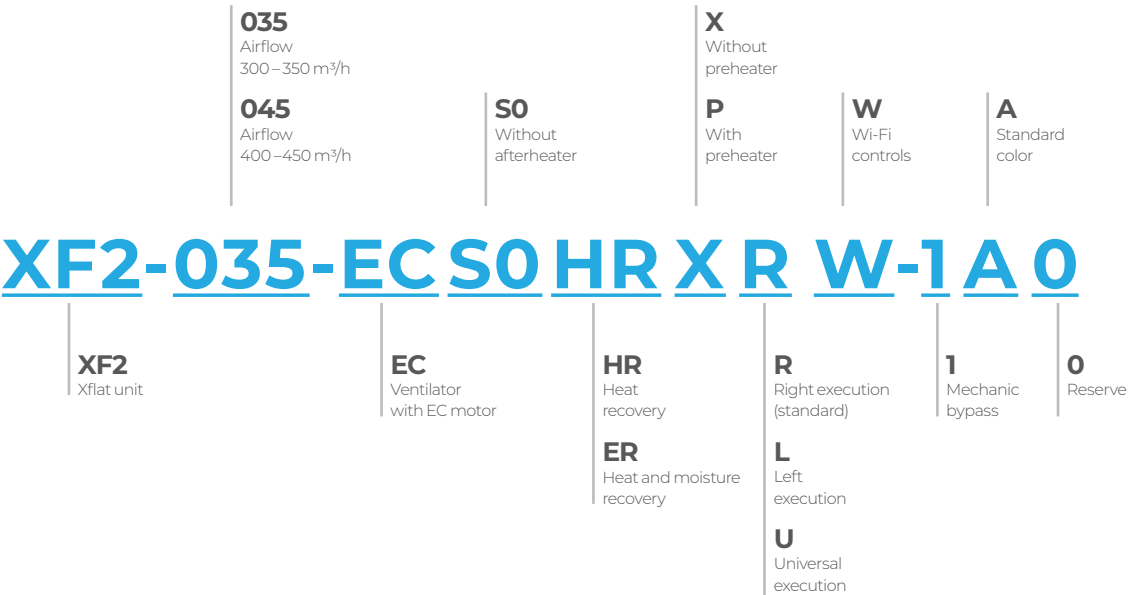
Duct after-heater - external duct afterheater with a power of 0,6 kW with integrated thermostat and external temperature sensor.



Duct water-heater/cooler
CWC-160-3

Duct water-heater/cooler (ø 160mm) - external duct water coil heater/cooler

Coding
Xflat 350 | 450



Xflat has to be operated in indoor and dry space with temperature between +5°C up to +40°C.

The unit can be installed on both the wall (horizontally, vertically) and the ceiling.

Fastening is done with self-tapping screws and washers into the prepared holes in the EPP body.

Xflat equipped with heat exchanger (HRV) may produce condensate and so it is necessary to cut off the relevant condensate drain and connect condensate tubes!



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