

Ecodesign directive

EUROPEAN COMMISSION REGULATIONS (EU) No 1254/2014

Having regard to Directive 2010/30/EU of the European Parliament and of the Council of 19 May 2010 on the indication by labeling and standard product information of the consumption of energy and other resources by energy related products (OJ L 153, 18.6.2010, p. 1.), and in particular Article 10 thereof

XFLAT200-150 (COMFORT - COMFORT+)

LOCAL ON DEMAND CONTROL (AQS)

a) Supplier's name or trade mark		XVENT	
b) Supplier's model identifier		XFLAT200-150	
c) Specific energy consumption (SEC)	SEC - cold	KWh/(m ² a)	-86,3 (A+)
	SEC - middle	KWh/(m ² a)	-42,3 (A+)
	SEC - warm	KWh/(m ² a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation		RVU / NRVU	RVU
		UVU / BVU	BVU
e) Type of drive installed or intended to be installed		VARIABLE SPEED DRIVE	
f) Type of heat recovery system		RECUPERATIVE - HRV	
g) Thermal efficiency of heat recovery		%	87
h) Maximum flow rate		m ³ /h	150
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	69
j) Sound power level	L _{WA}	dB	42
k) Reference flow rate		m ³ /s	0,029
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,27
n) Control factor and control typology		CTRL	0,65
		control factor	LOCAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped		external leakage	%
		internal leakage	%
			3
			2,2
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit		DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER	
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the		Descripted in manual	
r) Internet address of the dismantling instructions in accordance with point 3.			

CENTRAL CONTROL

a) Supplier's name or trade mark		XVENT	
b) Supplier's model identifier		XFLAT200-150	
c) Specific energy consumption (SEC)	SEC - cold	KWh/(m ² a)	-82,4 (A+)
	SEC - middle	KWh/(m ² a)	-39 (A)
	SEC - warm	KWh/(m ² a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation		RVU / NRVU	RVU
		UVU / BVU	BVU
e) Type of drive installed or intended to be installed		VARIABLE SPEED DRIVE	
f) Type of heat recovery system		RECUPERATIVE - HRV	
g) Thermal efficiency of heat recovery		%	87
h) Maximum flow rate		m ³ /h	150
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	69
j) Sound power level	L _{WA}	dB	42
k) Reference flow rate		m ³ /s	0,029
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,27
n) Control factor and control typology		CTRL	0,85
		control factor	CENTRAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped		external leakage	%
		internal leakage	%
			3
			2,2
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit		DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER	
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the		Descripted in manual	
r) Internet address of the dismantling instructions in accordance with point 3.			

XFLAT200-200 (COMFORT - COMFORT+)

LOCAL ON DEMAND CONTROL (AQS)

a) Supplier's name or trade mark		XVENT	
b) Supplier's model identifier		XFLAT200-200	
c) Specific energy consumption (SEC)	SEC - cold	KWh/(m ² a)	-84,8 (A+)
	SEC - middle	KWh/(m ² a)	-40,9 (A)
	SEC - warm	KWh/(m ² a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation		RVU / NRVU	RVU
		UVU / BVU	BVU
e) Type of drive installed or intended to be installed		VARIABLE SPEED DRIVE	
f) Type of heat recovery system		RECUPERATIVE - HRV	
g) Thermal efficiency of heat recovery		%	85
h) Maximum flow rate		m ³ /h	200
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	120
j) Sound power level	L _{WA}	dB	47
k) Reference flow rate		m ³ /s	0,038
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,34
n) Control factor and control typology		CTRL	0,65
		control factor	LOCAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped		external leakage	%
		internal leakage	%
			3,5
			2,5
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit		DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER	
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the		Descripted in manual	
r) Internet address of the dismantling instructions in accordance with point 3.			

CENTRAL CONTROL

a) Supplier's name or trade mark		XVENT	
b) Supplier's model identifier		XFLAT200-200	
c) Specific energy consumption (SEC)	SEC - cold	KWh/(m ² a)	-79,7 (A+)
	SEC - middle	KWh/(m ² a)	-36,8 (A)
	SEC - warm	KWh/(m ² a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation		RVU / NRVU	RVU
		UVU / BVU	BVU
e) Type of drive installed or intended to be installed		VARIABLE SPEED DRIVE	
f) Type of heat recovery system		RECUPERATIVE - HRV	
g) Thermal efficiency of heat recovery		%	85
h) Maximum flow rate		m ³ /h	200
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	120
j) Sound power level	L _{WA}	dB	47
k) Reference flow rate		m ³ /s	0,038
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,34
n) Control factor and control typology		CTRL	0,85
		control factor	CENTRAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped		external leakage	%
		internal leakage	%
			3,5
			2,5
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit		DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER	
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the		Descripted in manual	
r) Internet address of the dismantling instructions in accordance with point 3.			

XFLAT200-150 (ESSENTIAL)

a) Supplier's name or trade mark		XVENT	
b) Supplier's model identifier		XFLAT200-150	
c) Specific energy consumption (SEC)	SEC - cold	KWh/(m ² a)	-79,2 (A+)
	SEC - middle	KWh/(m ² a)	-36,4(A)
	SEC - warm	KWh/(m ² a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation		RVU / NRVU	RVU
		UVU / BVU	BVU
e) Type of drive installed or intended to be installed		VARIABLE SPEED DRIVE	
f) Type of heat recovery system		RECUPERATIVE - HRV	
g) Thermal efficiency of heat recovery		%	87
h) Maximum flow rate		m ³ /h	150
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	69
j) Sound power level	L _{WA}	dB	42
k) Reference flow rate		m ³ /s	0,029
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,27
n) Control factor and control typology		CTRL	1
		control factor	MANUAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped		external leakage	%
		internal leakage	%
			3
			2,2
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit		DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER	
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the		Descripted in manual	
r) Internet address of the dismantling instructions in accordance with point 3.			

XFLAT200-200 (ESSENTIAL)

MANUAL CONTROL

a) Supplier's name or trade mark			XVENT		
b) Supplier's model identifier			XFLAT200E-200		
c) Specific energy consumption (SEC)	SEC - cold	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-74 (A+)		
	SEC - middle	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-32 (B)		
	SEC - warm	$\text{kWh}/(\text{m}^2\cdot\text{a})$			
	class SEC				
d) Declared typology, accordance with Article 2 of this Regulation			RVU / NRUVU		
			UVU / BVU		
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE		
f) Type of heat recovery system			RECUPERATIVE - HRV		
g) Thermal efficiency of heat recovery			85		
h) Maximum flow rate			200		
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate			120		
j) Sound power level			47		
k) Reference flow rate			0,038		
l) Reference pressure difference			50		
m) Specific power input (SPI)			0,34		
n) Control factor and control typology			1		
			MANUAL CONTROL		
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped			3,5		
			2,5		
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER		
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual		
r) Internet address of the dismantling instructions in accordance with point 3.					

XFLAT200E-150 (COMFORT - COMFORT+)

LOCAL ON DEMAND CONTROL (AQS)

a) Supplier's name or trade mark			XVENT		
b) Supplier's model identifier			XFLAT200E-150		
c) Specific energy consumption (SEC)	SEC - cold	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-84,1 (A+)		
	SEC - middle	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-41,1 (A)		
	SEC - warm	$\text{kWh}/(\text{m}^2\cdot\text{a})$			
	class SEC				
d) Declared typology, accordance with Article 2 of this Regulation			RVU / NRUVU		
			UVU / BVU		
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE		
f) Type of heat recovery system			RECUPERATIVE - ERV		
g) Thermal efficiency of heat recovery			80,5		
h) Maximum flow rate			150		
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate			69		
j) Sound power level			42		
k) Reference flow rate			0,029		
l) Reference pressure difference			50		
m) Specific power input (SPI)			0,27		
n) Control factor and control typology			0,65		
			LOCAL CONTROL		
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped			3		
			2,2		
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER		
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual		
r) Internet address of the dismantling instructions in accordance with point 3.					

XFLAT200E-200 (COMFORT - COMFORT+)

LOCAL ON DEMAND CONTROL (AQS)

a) Supplier's name or trade mark			XVENT		
b) Supplier's model identifier			XFLAT200E-200		
c) Specific energy consumption (SEC)	SEC - cold	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-82,6 (A+)		
	SEC - middle	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-40,2 (A)		
	SEC - warm	$\text{kWh}/(\text{m}^2\cdot\text{a})$			
	class SEC				
d) Declared typology, accordance with Article 2 of this Regulation			RVU / NRUVU		
			UVU / BVU		
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE		
f) Type of heat recovery system			RECUPERATIVE - ERV		
g) Thermal efficiency of heat recovery			77,7		
h) Maximum flow rate			200		
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate			120		
j) Sound power level			47		
k) Reference flow rate			0,038		
l) Reference pressure difference			50		
m) Specific power input (SPI)			0,34		
n) Control factor and control typology			0,65		
			LOCAL CONTROL		
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped			3,5		
			2,5		
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER		
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual		
r) Internet address of the dismantling instructions in accordance with point 3.					

CENTRAL CONTROL

a) Supplier's name or trade mark			XVENT		
b) Supplier's model identifier			XFLAT200E-150		
c) Specific energy consumption (SEC)	SEC - cold	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-79,2 (A+)		
	SEC - middle	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-37,5 (A)		
	SEC - warm	$\text{kWh}/(\text{m}^2\cdot\text{a})$			
	class SEC				
d) Declared typology, accordance with Article 2 of this Regulation			RVU / NRUVU		
			UVU / BVU		
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE		
f) Type of heat recovery system			RECUPERATIVE - ERV		
g) Thermal efficiency of heat recovery			80,5		
h) Maximum flow rate			150		
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate			69		
j) Sound power level			42		
k) Reference flow rate			0,029		
l) Reference pressure difference			50		
m) Specific power input (SPI)			0,27		
n) Control factor and control typology			0,85		
			CENTRAL CONTROL		
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped			3		
			2,2		
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER		
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual		
r) Internet address of the dismantling instructions in accordance with point 3.					

CENTRAL CONTROL

a) Supplier's name or trade mark			XVENT		
b) Supplier's model identifier			XFLAT200E-200		
c) Specific energy consumption (SEC)	SEC - cold	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-77,1 (A+)		
	SEC - middle	$\text{kWh}/(\text{m}^2\cdot\text{a})$	-36 (A)		
	SEC - warm	$\text{kWh}/(\text{m}^2\cdot\text{a})$			
	class SEC				
d) Declared typology, accordance with Article 2 of this Regulation			RVU / NRUVU		
			UVU / BVU		
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE		
f) Type of heat recovery system			RECUPERATIVE - ERV		
g) Thermal efficiency of heat recovery			77,7		
h) Maximum flow rate			200		
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate			120		
j) Sound power level			47		
k) Reference flow rate			0,038		
l) Reference pressure difference			50		
m) Specific power input (SPI)			0,34		
n) Control factor and control typology			0,85		
			CENTRAL CONTROL		
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped			3,5		
			2,5		
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER		
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual		
r) Internet address of the dismantling instructions in accordance with point 3.					

XFLAT200E-150 (ESSENTIAL)

MANUAL CONTROL

a) Supplier's name or trade mark			XVENT
b) Supplier's model identifier			XFLAT200E-150
c) Specific energy consumption (SEC)	SEC - cold	kWh/(m ² ·a)	-75,2(A*)
	SEC - middle	kWh/(m ² ·a)	-34,3(A)
	SEC - warm	kWh/(m ² ·a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation			RVU / NRVU
			BVU
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE
f) Type of heat recovery system			RECUPERATIVE - ERV
g) Thermal efficiency of heat recovery		%	80,5
h) Maximum flow rate		m ³ /h	150
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	69
j) Sound power level	L _{WA}	dB	42
k) Reference flow rate		m ³ /s	0,029
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,27
n) Control factor and control typology	CTRL		1
	control factor		MANUAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped	external leakage	%	3
	internal leakage	%	2,2
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual
r) Internet address of the dismantling instructions in accordance with point 3.			

XFLAT200E-200 (ESSENTIAL)

MANUAL CONTROL

a) Supplier's name or trade mark			XVENT
b) Supplier's model identifier			XFLAT200-200
c) Specific energy consumption (SEC)	SEC - cold	kWh/(m ² ·a)	-74 (A*)
	SEC - middle	kWh/(m ² ·a)	-33,4 (B)
	SEC - warm	kWh/(m ² ·a)	
	class SEC		
d) Declared typology, accordance with Article 2 of this Regulation			RVU
			BVU
e) Type of drive installed or intended to be installed			VARIABLE SPEED DRIVE
f) Type of heat recovery system			RECUPERATIVE - ERV
g) Thermal efficiency of heat recovery		%	77,5
h) Maximum flow rate		m ³ /h	200
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	120
j) Sound power level	L _{WA}	dB	47
k) Reference flow rate		m ³ /s	0,038
l) Reference pressure difference		Pa	50
m) Specific power input (SPI)		W/(m ³ /h)	0,34
n) Control factor and control typology	CTRL		1
	control factor		MANUAL CONTROL
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped	external leakage	%	3,5
	internal leakage	%	2,5
p) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			DESCRIPTION IN THE MANUAL, SIGNALIZATION AT CONTROLLER
q) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the			Descripted in manual
r) Internet address of the dismantling instructions in accordance with point 3.			