

## Endura® Twist 2x1 - without demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x1	Endura Twist 2x1 - G3	Endura Twist 2x1 - F7
Energy efficiency class	B	B	B
SEC - warm climat	-10.08 kWh/m <sup>2</sup> a	-9.21 kWh/m <sup>2</sup> a	-7.34 kWh/m <sup>2</sup> a
SEC - average climat	-32.66 kWh/m <sup>2</sup> a	-31.79 kWh/m <sup>2</sup> a	-29.93 kWh/m <sup>2</sup> a
SEC - cold climat	-72.08 kWh/m <sup>2</sup> a	-71.22 kWh/m <sup>2</sup> a	-69.35 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	27 m <sup>3</sup> /h	24 m <sup>3</sup> /h	20 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	6.4 W	6.4 W	6.3 W
Sound power level L <sub>WA</sub>	45 dB(A)	44 dB(A)	47 dB(A)
Reference flow rate	19 m <sup>3</sup> /h	17 m <sup>3</sup> /h	14 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.249 W/(m <sup>3</sup> /h)	0.274 W/(m <sup>3</sup> /h)	0.328 W/(m <sup>3</sup> /h)
Control typology	manual control (no DCV)		
CTRL	1.00		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	3.43 kWh electricity/m <sup>2</sup> a	3.77 kWh electricity/m <sup>2</sup> a	4.52 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	80.65 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	41.23 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	18.64 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x1 - with demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x1 (demand control)	Endura Twist 2x1 - G3 (demand control)	Endura Twist 2x1 - F7 (demand control)
Energy efficiency class	A	A	A
SEC - warm climat	-16.25 kWh/m <sup>2</sup> a	-15.89 kWh/m <sup>2</sup> a	-15.10 kWh/m <sup>2</sup> a
SEC - average climat	-40.33 kWh/m <sup>2</sup> a	-39.96 kWh/m <sup>2</sup> a	-39.17 kWh/m <sup>2</sup> a
SEC - cold climat	-82.36 kWh/m <sup>2</sup> a	-81.99 kWh/m <sup>2</sup> a	-81.20 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	27 m <sup>3</sup> /h	24 m <sup>3</sup> /h	20 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	6.4 W	6.4 W	6.3 W
Sound power level L <sub>WA</sub>	45 dB(A)	44 dB(A)	47 dB(A)
Reference flow rate	19 m <sup>3</sup> /h	17 m <sup>3</sup> /h	14 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.249 W/(m <sup>3</sup> /h)	0.274 W/(m <sup>3</sup> /h)	0.328 W/(m <sup>3</sup> /h)
Control typology	local demand-driven setting		
CTRL	0.65		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	1.45 kWh electricity/m <sup>2</sup> a	1.59 kWh electricity/m <sup>2</sup> a	1.91 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	85.97 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	43.95 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	19.87 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x2 - without demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x2	Endura Twist 2x2 - G3	Endura Twist 2x2 - F7
Energy efficiency class	A	B	B
SEC - warm climat	-11.72 kWh/m <sup>2</sup> a	-10.85 kWh/m <sup>2</sup> a	-9.60 kWh/m <sup>2</sup> a
SEC - average climat	-34.30 kWh/m <sup>2</sup> a	-33.43 kWh/m <sup>2</sup> a	-32.19 kWh/m <sup>2</sup> a
SEC - cold climat	-73.72 kWh/m <sup>2</sup> a	-72.86 kWh/m <sup>2</sup> a	-71.61 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	54 m <sup>3</sup> /h	48 m <sup>3</sup> /h	39 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	11.2 W	11.3 W	11.0 W
Sound power level L <sub>WA</sub>	48 dB(A)	47 dB(A)	50 dB(A)
Reference flow rate	38 m <sup>3</sup> /h	34 m <sup>3</sup> /h	27 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.201 W/(m <sup>3</sup> /h)	0.226 W/(m <sup>3</sup> /h)	0.262 W/(m <sup>3</sup> /h)
Control typology	manual control (no DCV)		
CTRL	1.00		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	2.77 kWh electricity/m <sup>2</sup> a	3.12 kWh electricity/m <sup>2</sup> a	3.62 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	80.65 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	41.23 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	18.64 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x2 - with demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x2 (demand control)	Endura Twist 2x2 - G3 (demand control)	Endura Twist 2x2 - F7 (demand control)
Energy efficiency class	A	A	A
SEC - warm climat	-16.95 kWh/m <sup>2</sup> a	-16.58 kWh/m <sup>2</sup> a	-16.05 kWh/m <sup>2</sup> a
SEC - average climat	-41.02 kWh/m <sup>2</sup> a	-40.66 kWh/m <sup>2</sup> a	-40.13 kWh/m <sup>2</sup> a
SEC - cold climat	-83.05 kWh/m <sup>2</sup> a	-82.68 kWh/m <sup>2</sup> a	-82.16 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	54 m <sup>3</sup> /h	48 m <sup>3</sup> /h	39 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	11.2 W	11.3 W	11.0 W
Sound power level L <sub>WA</sub>	48 dB(A)	47 dB(A)	50 dB(A)
Reference flow rate	38 m <sup>3</sup> /h	34 m <sup>3</sup> /h	27 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.201 W/(m <sup>3</sup> /h)	0.226 W/(m <sup>3</sup> /h)	0.262 W/(m <sup>3</sup> /h)
Control typology	local demand-driven setting		
CTRL	0.65		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	1.17 kWh electricity/m <sup>2</sup> a	1.32 kWh electricity/m <sup>2</sup> a	1.53 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	85.97 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	43.95 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	19.87 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x3 - without demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x3	Endura Twist 2x3 - G3	Endura Twist 2x3 - F7
Energy efficiency class	A	A	B
SEC - warm climat	-12.44 kWh/m <sup>2</sup> a	-11.81 kWh/m <sup>2</sup> a	-10.52 kWh/m <sup>2</sup> a
SEC - average climat	-35.03 kWh/m <sup>2</sup> a	-34.39 kWh/m <sup>2</sup> a	-33.11 kWh/m <sup>2</sup> a
SEC - cold climat	-74.45 kWh/m <sup>2</sup> a	-73.81 kWh/m <sup>2</sup> a	-72.53 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	81 m <sup>3</sup> /h	72 m <sup>3</sup> /h	59 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	16.1 W	15.7 W	15.2 W
Sound power level L <sub>WA</sub>	49 dB(A)	49 dB(A)	52 dB(A)
Reference flow rate	57 m <sup>3</sup> /h	50 m <sup>3</sup> /h	41 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.180 W/(m <sup>3</sup> /h)	0.198 W/(m <sup>3</sup> /h)	0.236 W/(m <sup>3</sup> /h)
Control typology	manual control (no DCV)		
CTRL	1.00		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	2.48 kWh electricity/m <sup>2</sup> a	2.73 kWh electricity/m <sup>2</sup> a	3.25 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	80.65 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	41.23 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	18.64 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x3 - with demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x3 (demand control)	Endura Twist 2x3 - G3 (demand control)	Endura Twist 2x3 - F7 (demand control)
Energy efficiency class	A	A	A
SEC - warm climat	-17.25 kWh/m <sup>2</sup> a	-16.99 kWh/m <sup>2</sup> a	-16.44 kWh/m <sup>2</sup> a
SEC - average climat	-41.33 kWh/m <sup>2</sup> a	-41.06 kWh/m <sup>2</sup> a	-40.52 kWh/m <sup>2</sup> a
SEC - cold climat	-83.36 kWh/m <sup>2</sup> a	-83.09 kWh/m <sup>2</sup> a	-82.54 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	81 m <sup>3</sup> /h	72 m <sup>3</sup> /h	59 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	16.1 W	15.7 W	15.2 W
Sound power level L <sub>WA</sub>	49 dB(A)	49 dB(A)	52 dB(A)
Reference flow rate	57 m <sup>3</sup> /h	50 m <sup>3</sup> /h	41 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.180 W/(m <sup>3</sup> /h)	0.198 W/(m <sup>3</sup> /h)	0.236 W/(m <sup>3</sup> /h)
Control typology	local demand-driven setting		
CTRL	0.65		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	1.05 kWh electricity/m <sup>2</sup> a	1.16 kWh electricity/m <sup>2</sup> a	1.37 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	85.97 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	43.95 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	19.87 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x4 - without demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x4	Endura Twist 2x4 - G3	Endura Twist 2x4 - F7
Energy efficiency class	A	A	B
SEC - warm climat	-12.81 kWh/m <sup>2</sup> a	-12.08 kWh/m <sup>2</sup> a	-10.80 kWh/m <sup>2</sup> a
SEC - average climat	-35.39 kWh/m <sup>2</sup> a	-34.66 kWh/m <sup>2</sup> a	-33.38 kWh/m <sup>2</sup> a
SEC - cold climat	-74.82 kWh/m <sup>2</sup> a	-74.09 kWh/m <sup>2</sup> a	-72.80 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	108 m <sup>3</sup> /h	96 m <sup>3</sup> /h	78 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	20.4 W	20.3 W	19.7 W
Sound power level L <sub>WA</sub>	51 dB(A)	50 dB(A)	53 dB(A)
Reference flow rate	76 m <sup>3</sup> /h	67 m <sup>3</sup> /h	55 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.169 W/(m <sup>3</sup> /h)	0.190 W/(m <sup>3</sup> /h)	0.228 W/(m <sup>3</sup> /h)
Control typology	manual control (no DCV)		
CTRL	1.00		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	2.33 kWh electricity/m <sup>2</sup> a	2.62 kWh electricity/m <sup>2</sup> a	3.14 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	80.65 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	41.23 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	18.64 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x4 - with demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x4 (demand control)	Endura Twist 2x4 - G3 (demand control)	Endura Twist 2x4 - F7 (demand control)
Energy efficiency class	A	A	A
SEC - warm climat	-17.41 kWh/m <sup>2</sup> a	-17.10 kWh/m <sup>2</sup> a	-16.56 kWh/m <sup>2</sup> a
SEC - average climat	-41.48 kWh/m <sup>2</sup> a	-41.18 kWh/m <sup>2</sup> a	-40.63 kWh/m <sup>2</sup> a
SEC - cold climat	-83.51 kWh/m <sup>2</sup> a	-83.20 kWh/m <sup>2</sup> a	-82.66 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	108 m <sup>3</sup> /h	96 m <sup>3</sup> /h	78 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	20.4 W	20.3 W	19.7 W
Sound power level L <sub>WA</sub>	51 dB(A)	50 dB(A)	53 dB(A)
Reference flow rate	76 m <sup>3</sup> /h	67 m <sup>3</sup> /h	55 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.169 W/(m <sup>3</sup> /h)	0.190 W/(m <sup>3</sup> /h)	0.228 W/(m <sup>3</sup> /h)
Control typology	local demand-driven setting		
CTRL	0.65		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	0.99 kWh electricity/m <sup>2</sup> a	1.11 kWh electricity/m <sup>2</sup> a	1.33 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	85.97 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	43.95 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	19.87 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.



## Endura® Twist 2x5 - without demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x5	Endura Twist 2x5 - G3	Endura Twist 2x5 - F7
Energy efficiency class	A	A	A
SEC - warm climat	-13.42 kWh/m <sup>2</sup> a	-12.82 kWh/m <sup>2</sup> a	-11.71 kWh/m <sup>2</sup> a
SEC - average climat	-36.00 kWh/m <sup>2</sup> a	-35.40 kWh/m <sup>2</sup> a	-34.30 kWh/m <sup>2</sup> a
SEC - cold climat	-75.43 kWh/m <sup>2</sup> a	-74.83 kWh/m <sup>2</sup> a	-73.72 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	135 m <sup>3</sup> /h	120 m <sup>3</sup> /h	98 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	23.1 W	23.2 W	22.4 W
Sound power level L <sub>WA</sub>	52 dB(A)	51 dB(A)	54 dB(A)
Reference flow rate	95 m <sup>3</sup> /h	84 m <sup>3</sup> /h	69 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.152 W/(m <sup>3</sup> /h)	0.169 W/(m <sup>3</sup> /h)	0.201 W/(m <sup>3</sup> /h)
Control typology	manual control (no DCV)		
CTRL	1.00		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	2.09 kWh electricity/m <sup>2</sup> a	2.33 kWh electricity/m <sup>2</sup> a	2.77 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	80.65 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	41.23 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	18.64 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x5 - with demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x5 (demand control)	Endura Twist 2x5 - G3 (demand control)	Endura Twist 2x5 - F7 (demand control)
Energy efficiency class	A	A	A
SEC - warm climat	-17.67 kWh/m <sup>2</sup> a	-17.41 kWh/m <sup>2</sup> a	-16.94 kWh/m <sup>2</sup> a
SEC - average climat	-41.74 kWh/m <sup>2</sup> a	-41.49 kWh/m <sup>2</sup> a	-41.02 kWh/m <sup>2</sup> a
SEC - cold climat	-83.77 kWh/m <sup>2</sup> a	-83.51 kWh/m <sup>2</sup> a	-83.05 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	135 m <sup>3</sup> /h	120 m <sup>3</sup> /h	98 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	23.1 W	23.2 W	22.4 W
Sound power level L <sub>WA</sub>	52 dB(A)	51 dB(A)	54 dB(A)
Reference flow rate	95 m <sup>3</sup> /h	84 m <sup>3</sup> /h	69 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.152 W/(m <sup>3</sup> /h)	0.169 W/(m <sup>3</sup> /h)	0.201 W/(m <sup>3</sup> /h)
Control typology	local demand-driven setting		
CTRL	0.65		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	0.88 kWh electricity/m <sup>2</sup> a	0.98 kWh electricity/m <sup>2</sup> a	1.17 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	85.97 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	43.95 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	19.87 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x6 - without demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x6	Endura Twist 2x6 - G3	Endura Twist 2x6 - F7
Energy efficiency class	A	A	A
SEC - warm climat	-13.60 kWh/m <sup>2</sup> a	-13.04 kWh/m <sup>2</sup> a	-11.86 kWh/m <sup>2</sup> a
SEC - average climat	-36.18 kWh/m <sup>2</sup> a	-35.62 kWh/m <sup>2</sup> a	-34.45 kWh/m <sup>2</sup> a
SEC - cold climat	-75.61 kWh/m <sup>2</sup> a	-75.04 kWh/m <sup>2</sup> a	-73.87 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	162 m <sup>3</sup> /h	144 m <sup>3</sup> /h	118 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	27.1 W	26.5 W	26.5 W
Sound power level L <sub>WA</sub>	52 dB(A)	52 dB(A)	55 dB(A)
Reference flow rate	113 m <sup>3</sup> /h	101 m <sup>3</sup> /h	82 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.146 W/(m <sup>3</sup> /h)	0.163 W/(m <sup>3</sup> /h)	0.197 W/(m <sup>3</sup> /h)
Control typology	manual control (no DCV)		
CTRL	1.00		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	2.02 kWh electricity/m <sup>2</sup> a	2.24 kWh electricity/m <sup>2</sup> a	2.71 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	80.65 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	41.23 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	18.64 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.

## Endura® Twist 2x6 - with demand control

	Without filter	Coarse 45% (G3) filter	ePM1 80% (F7) filter
Supplier's name or trademark	Renson Ventilation nv		
Reference model	Endura Twist 2x6 (demand control)	Endura Twist 2x6 - G3 (demand control)	Endura Twist 2x6 - F7 (demand control)
Energy efficiency class	A	A	A
SEC - warm climat	-17.74 kWh/m <sup>2</sup> a	-17.50 kWh/m <sup>2</sup> a	-17.01 kWh/m <sup>2</sup> a
SEC - average climat	-41.82 kWh/m <sup>2</sup> a	-41.58 kWh/m <sup>2</sup> a	-41.08 kWh/m <sup>2</sup> a
SEC - cold climat	-83.84 kWh/m <sup>2</sup> a	-83.61 kWh/m <sup>2</sup> a	-83.11 kWh/m <sup>2</sup> a
Declared typology	BVU		
Type of drive installed	variable speed		
Type of heat recovery system	regenerative		
Thermal efficiency	78%		
Maximum flow rate	162 m <sup>3</sup> /h	144 m <sup>3</sup> /h	118 m <sup>3</sup> /h
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	27.1 W	26.5 W	26.5 W
Sound power level L <sub>WA</sub>	52 dB(A)	52 dB(A)	55 dB(A)
Reference flow rate	113 m <sup>3</sup> /h	101 m <sup>3</sup> /h	82 m <sup>3</sup> /h
Reference pressure difference	10 Pa		
SPI	0.146 W/(m <sup>3</sup> /h)	0.163 W/(m <sup>3</sup> /h)	0.197 W/(m <sup>3</sup> /h)
Control typology	local demand-driven setting		
CTRL	0.65		
Declared maximum internal leakage rates	not applicable		
Declared maximum external leakage rates	not applicable		
Recirculation	(1)		
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	not yet known		
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	not applicable		
Instructions to install regulated supply/exhaust grilles for natural air supply/extraction	www.renson.eu		
Internet address for pre-/dis-assembly instructions	www.renson.eu		
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	< 5% x Q <sub>max</sub>		
For non-ducted units only: the indoor/outdoor air tightness in m <sup>3</sup> /h	not yet known		
AEC (Annual Electricity Consumption)	0.85 kWh electricity/m <sup>2</sup> a	0.95 kWh electricity/m <sup>2</sup> a	1.15 kWh electricity/m <sup>2</sup> a
AHS (Annual Heat Saved) - cold climat	85.97 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - average climat	43.95 kWh primary energy/m <sup>2</sup> a		
AHS (Annual Heat Saved) - warm climat	19.87 kWh primary energy/m <sup>2</sup> a		

(1) Not available, method to be determined.