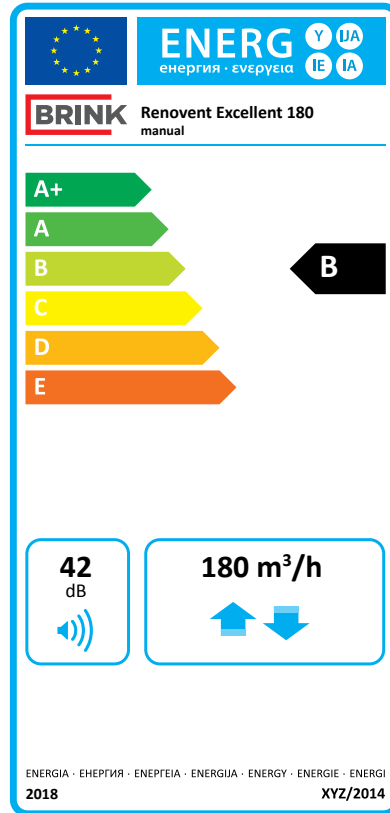
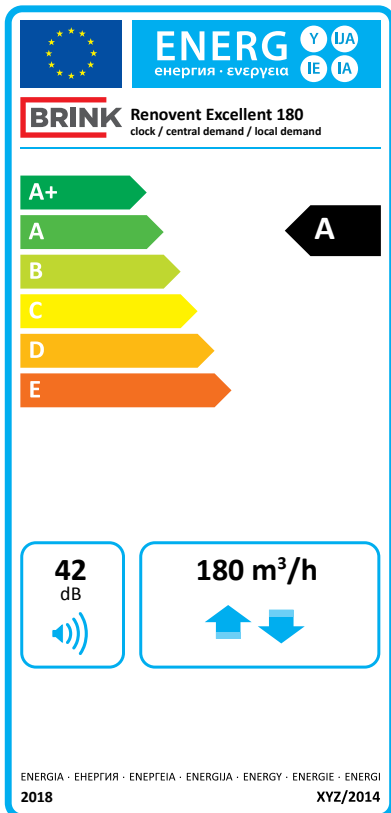


Productdatasheet conform Ecodesign (EU), nr. 1254/2014 (Annex IV)					
Supplier:		Brink Climate Systems B.V.			
Model:		Renovent Excellent 180 (Plus)			
Climate zone	Type of control	SEC-Value in kWh/m²/a	Energyclass (SEC)	The annual electricity consumption (AEC) in kWh	The annual heating saved (AHS) in kWh
Average	Manual	-33,11	B	433	4277
	Clock	-34,35	A	414	4305
	1 Sensor (RH/CO ₂ /VOC)	-36,67	A	375	4362
	2 or more Sensors (RH/CO ₂ /VOC)	-40,73	A	297	4475
Cold	Manual	-74,49	A+	970	6528
	Clock	-76,00	A+	951	6571
	1 Sensor (RH/CO ₂ /VOC)	-78,87	A+	912	6657
	2 or more Sensors (RH/CO ₂ /VOC)	-84,02	A+	834	6830
Warm	Manual	-9,41	F	388	2251
	Clock	-10,48	E	369	2266
	1 Sensor (RH/CO ₂ /VOC)	-12,49	E	330	2296
	2 or more Sensors (RH/CO ₂ /VOC)	-15,92	E	252	2355
Type of ventilation unit:		Ventilation unit with heat recovery			
Fan:		Variable speed EC fan			
Type of heat exchanger:		Recuperative plastic cross-counterflow heatexchanger			
Thermal efficiency:		82%			
Maximum flow rate:		180 m³/h			
Electric power input:		82 W			
Sound power level Lwa:		42 dB(A)			
Reference flow rate :		126 m³/h			
Reference pressure difference:		50Pa			
Specific Power Input (SEL):		0,31 W/m³/h			
Control factor:		1,0 in combination with manual switch			
		0,95 in combination with clock			
		0,85 in combination with 1 sensor			
		0,65 in combination with 2 or more sensors			
Leakage*:	Internal	0,7%			
	External	0,8%			
Filterwarning:		On the display of the ventilation unit / Manual switch / clock control. Attention! For optimal energy efficiency and a proper operation a regular filter inspection, cleaning or replacement is necessary.			
Internet address for Assembly instructions:		http://www.brinkclimatesystems.nl/installateurs/kenniscentrum/Documentatie.aspx			
Bypass:		Yes (supply air fan off)			

* Measurements executed by TZWL according to the DIBT-standards (TZWL-report M.94.10.01.095.AA.0409, Octobre 2007)



Productdatasheet conform Ecodesign (EU), nr. 1254/2014 (Annex IV)					
Supplier:		Brink Climate Systems B.V.			
Model:		Renovent Excellent 300 (Plus)			
Climate zone	Type of control	SEC-Value in kWh/m ² /a	Energyclass (SEC)	The annual electricity consumption (AEC) in kWh	The annual heating saved (AHS) in kWh
Average	Manual	-37,52	A	308	4403
	Clock	-38,38	A	294	4425
	1 Sensor (RH/CO ₂ /VOC)	-40,01	A	269	4469
	2 or more Sensors (RH/CO ₂ /VOC)	-42,88	A+	216	4557
Cold	Manual	-80,12	A+	845	6720
	Clock	-81,19	A+	832	6754
	1 Sensor (RH/CO ₂ /VOC)	-83,25	A+	806	6821
	2 or more Sensors (RH/CO ₂ /VOC)	-86,97	A+	753	6955
Warm	Manual	-13,12	F	263	2317
	Clock	-13,86	E	250	2329
	1 Sensor (RH/CO ₂ /VOC)	-15,24	E	224	2352
	2 or more Sensors (RH/CO ₂ /VOC)	-17,62	E	171	2398
Type of ventilation unit:		Ventilation unit with heat recovery			
Fan:		Variable speed EC fan			
Type of heat exchanger:		Recuperative plastic cross-counterflow heatexchanger			
Thermal efficiency:		86%			
Maximum flow rate:		300 m ³ /h			
Electric power input:		92 W			
Sound power level Lwa:		44 dB(A)			
Reference flow rate :		210 m ³ /h			
Reference pressure difference:		50Pa			
Specific Power Input (SEL):		0,21 W/m ³ /h			
Control factor:		1,0 in combination with manual switch			
		0,95 in combination with clock			
		0,85 in combination with 1 sensor			
		0,65 in combination with 2 or more sensors			
Leakage*:	Internal	0,8%			
	External	2,1%			
Filterwarning:		On the display of the ventilation unit / Manual switch / clock control. Attention! For optimal energy efficiency and a proper operation a regular filter inspection, cleaning or replacement is necessary.			
Internet address for Assembly instructions:		http://www.brinkclimatesystems.nl/installateurs/kenniscentrum/Documentatie.aspx			
Bypass:		Yes; 100% Bypass			

* Measurements executed by TNO according to the EN 13141-7 standard (TNO-report TNO 2013 M10230, Februari 2013)

ENERG Y UA
енергия · ενεργεια
IE IA

BRINK Renovent Excellent 300
manual / clock / central demand

A+
A
B
C
D
E

A

44 dB

300 m³/h

ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2018 XYZ/2014

ENERG Y UA
енергия · ενεργεια
IE IA

BRINK Renovent Excellent 300
local demand

A+
A
B
C
D
E

A+

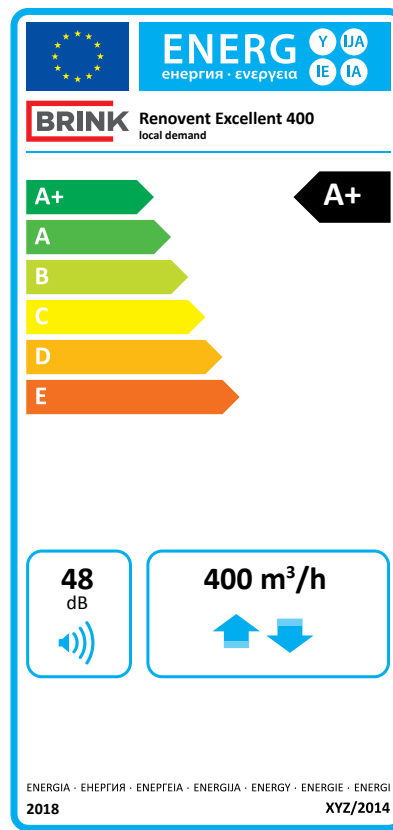
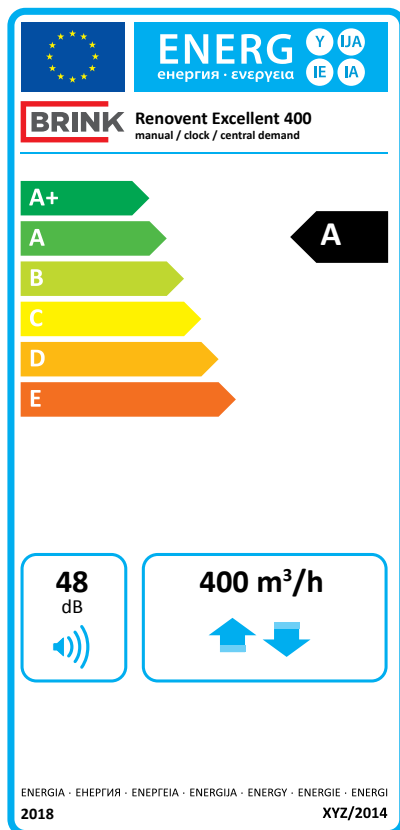
44 dB

300 m³/h

ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2018 XYZ/2014

Productdatasheet conform Ecodesign (EU), nr. 1254/2014 (Annex IV)					
Supplier:		Brink Climate Systems B.V.			
Model:		Renovent Excellent 400 (Plus)			
Climate zone	Type of control	SEC-Value in kWh/m ² a	Energyclass (SEC)	The annual electricity consumption (AEC) in kWh	The annual heating saved (AHS) in kWh
Average	Manual	-36,26	A	346	4371
	Clock	-37,23	A	331	4395
	1 Sensor (RH/CO ₂ /VOC)	-39,06	A	301	4442
	2 or more Sensors (RH/CO ₂ /VOC)	-42,27	A+	240	4536
Cold	Manual	-78,55	A+	883	6672
	Clock	-79,75	A+	868	6708
	1 Sensor (RH/CO ₂ /VOC)	-82,04	A+	838	6780
	2 or more Sensors (RH/CO ₂ /VOC)	-86,16	A+	777	6924
Warm	Manual	-12,03	F	301	2301
	Clock	-12,87	E	286	2313
	1 Sensor (RH/CO ₂ /VOC)	-14,44	E	256	2338
	2 or more Sensors (RH/CO ₂ /VOC)	-17,13	E	195	2388
Type of ventilation unit:		Ventilation unit with heat recovery			
Fan:		Variable speed EC fan			
Type of heat exchanger:		Recuperative plastic cross-counterflow heatexchanger			
Thermal efficiency:		85%			
Maximum flow rate::		400 m ³ /h			
Electric power input:		142 W			
Sound power level Lwa:		48 dB(A)			
Reference flow rate :		280 m ³ /h			
Reference pressure difference:		50Pa			
Specific Power Input (SEL):		0,24 W/m ³ /h			
Control factor:		1,0 in combination with manual switch			
		0,95 in combination with clock			
		0,85 in combination with 1 sensor			
		0,65 in combination with 2 or more sensors			
Leakage*:	Internal	0,4%			
	External	1,3%			
Filterwarning:		On the display of the ventilation unit / Manual switch / clock control. Attention! For optimal energy efficiency and a proper operation a regular filter inspection, cleaning or replacement is necessary.			
Internet address for Assembly instructions:		http://www.brinkclimatesystems.nl/installateurs/kenniscentrum/Documentatie.aspx			
Bypass:		Yes; 100% Bypass			

* Measurements executed by TNO according to the EN 13141-7 standard (TNO-report TNO - 060 - DTM - 2013 - 01161, May 2013)



Productdatasheet conform Ecodesign (EU), nr. 1254/2014 (Annex IV)					
Supplier:		Brink Climate Systems B.V.			
Model:		Renovent Excellent 450 (Plus)			
Climate zone	Type of control	SEC-Value in kWh/m²a	Energyclass (SEC)	The annual electricity consumption (AEC) in kWh	The annual heating saved (AHS) in kWh
Average	Manual	-34,69	A	396	4340
	Clock	-34,35	A	378	4365
	1 Sensor (RH/CO ₂ /VOC)	-37,89	A	343	4415
	2 or more Sensors (RH/CO ₂ /VOC)	-41,54	A	273	4516
Cold	Manual	-76,68	A+	933	6624
	Clock	-78,03	A+	915	6662
	1 Sensor (RH/CO ₂ /VOC)	-80,61	A+	880	6739
	2 or more Sensors (RH/CO ₂ /VOC)	-85,23	A+	810	6893
Warm	Manual	-10,64	E	351	2284
	Clock	-11,61	E	333	2297
	1 Sensor (RH/CO ₂ /VOC)	-13,42	E	298	2324
	2 or more Sensors (RH/CO ₂ /VOC)	-16,51	E	228	2377
Type of ventilation unit:	Ventilation unit with heat recovery				
Fan:	Variable speed EC fan				
Type of heat exchanger:	Recuperative plastic cross-counterflow heatexchanger				
Thermal efficiency:	84%				
Maximum flow rate:	450 m³/h				
Electric power input:	222 W				
Sound power level Lwa:	51 dB(A)				
Reference flow rate :	315 m³/h				
Reference pressure difference:	50Pa				
Specific Power Input (SEL):	0,28 W/m³/h				
Control factor:	1,0 in combination with manual switch				
	0,95 in combination with clock				
	0,85 in combination with 1 sensor				
	0,65 in combination with 2 or more sensors				
Leakage*:	Internal	0,5%			
	External	1,4%			
Filterwarning:	On the display of the ventilation unit / Manual switch / clock control. Attention! For optimal energy efficiency and a proper operation a regular filter inspection, cleaning or replacement is necessary.				
Internet address for Assembly instructions:	http://www.brinkclimatesystems.nl/installateurs/kenniscentrum/Documentatie.aspx				
Bypass:	Yes, 100 % Bypass				

* Measurements executed by TZWL according to the EN 308 standard (TZWL-report M.86.06.199.AH, June 2015)

ENERG Y UA
енергия · ενεργεια
IE IA

BRINK Renovent Excellent 450
manual / clock / central demand / local demand

51
dB

450 m³/h

ENERGIA · ЕНЕРГИЈА · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

2018 XYZ/2014