

iV-Smart⁺, local demand control:

Product fiche iV-Smart ⁺ according to VO 1254/2014 EU, dated 2014-07-11			
Pt.	Description	Data	
a	Supplier's name	inVENTer GmbH	
b	Supplier's model identifier	iV-Smart ⁺ iV-Smart ⁺ Corner iV-Smart ⁺ Ohio	
c	SEC class / Specific energy consumption [kWh/(m ² a)]	cold	-88,068
		average	A+
		warm	-18,678
d	Typology	BVU	
e	Type of drive installed	2	
f	Type of heat recovery system	regenerative	
g	Thermal efficiency of heat recovery η_t [%]	87	
h	Maximum flow rate (supply air) [m ³ /h]	58	
i	Electric power input [W]	6	
j	Sound power level L_{wa} [dB (A)]	44	
k	Reference flow rate [m ³ /h]	42	
l	Reference pressure difference [Pa]	0	
m	SPI [W/m ³ /h]	0,15	
n	Control factor	0,85	
o	Internal/external leakage rate [%]	n. a.	
p	Mixing rate [%]	n. a.	
q	Position of visual filter warning	Controller	
r	Regulated supply and exhaust grilles in the facade (one-direction devices only)	no	
s	Internet adress	www.inventer.de	
t	Airflow sensitivity [%]	29,4	
u	Indoor and outdoor air tightness [m ³ /h]	6,3	
v	Annual electricity consumption [kWh/(m ² a)]	0,87	
w	Annual heating saved [kWh/(m ² a)]	cold	90,25
		average	46,13
		warm	20,86

iV-Smart⁺, manual control:

Product fiche iV-Smart ⁺ according to VO 1254/2014 EU, dated 2014-07-11			
Pt.	Description	Data	
a	Supplier's name	inVENTer GmbH	
b	Supplier's model identifier	iV-Smart ⁺ iV-Smart ⁺ Corner iV-Smart ⁺ Ohio	
c	SEC class / Specific energy consumption [kWh/(m ² a)]	cold	-82,082
		average	A
		warm	-14,995
d	Typology	BVU	
e	Type of drive installed	2	
f	Type of heat recovery system	regenerative	
g	Thermal efficiency of heat recovery η_t [%]	87	
h	Maximum flow rate (supply air) [m ³ /h]	58	
i	Electric power input [W]	6	
j	Sound power level L_{wa} [dB (A)]	44	
k	Reference flow rate [m ³ /h]	42	
l	Reference pressure difference [Pa]	0	
m	SPI [W/m ³ /h]	0,15	
n	Control factor	1	
o	Internal/external leakage rate [%]	n. a.	
p	Mixing rate [%]	n. a.	
q	Position of visual filter warning	Controller	
r	Regulated supply and exhaust grilles in the facade (one-direction devices only)	no	
s	Internet adress	www.inventer.de	
t	Airflow sensitivity [%]	29,4	
u	Indoor and outdoor air tightness [m ³ /h]	6,3	
v	Annual electricity consumption [kWh/(m ² a)]	2,07	
w	Annual heating saved [kWh/(m ² a)]	cold	87,23
		average	44,59
		warm	20,16



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INVENTER

IV-Smart*; iV-Smart* Corner;
IV-Smart* Ohio;
IV-Smart* Top; iV-Smart* Sylt



Local demand control	Manual control
MZ-Home sMove w/ sensors	sMove w/o sensors
A+	A

44
dB (A)

58 m³/h