



THERMIK'

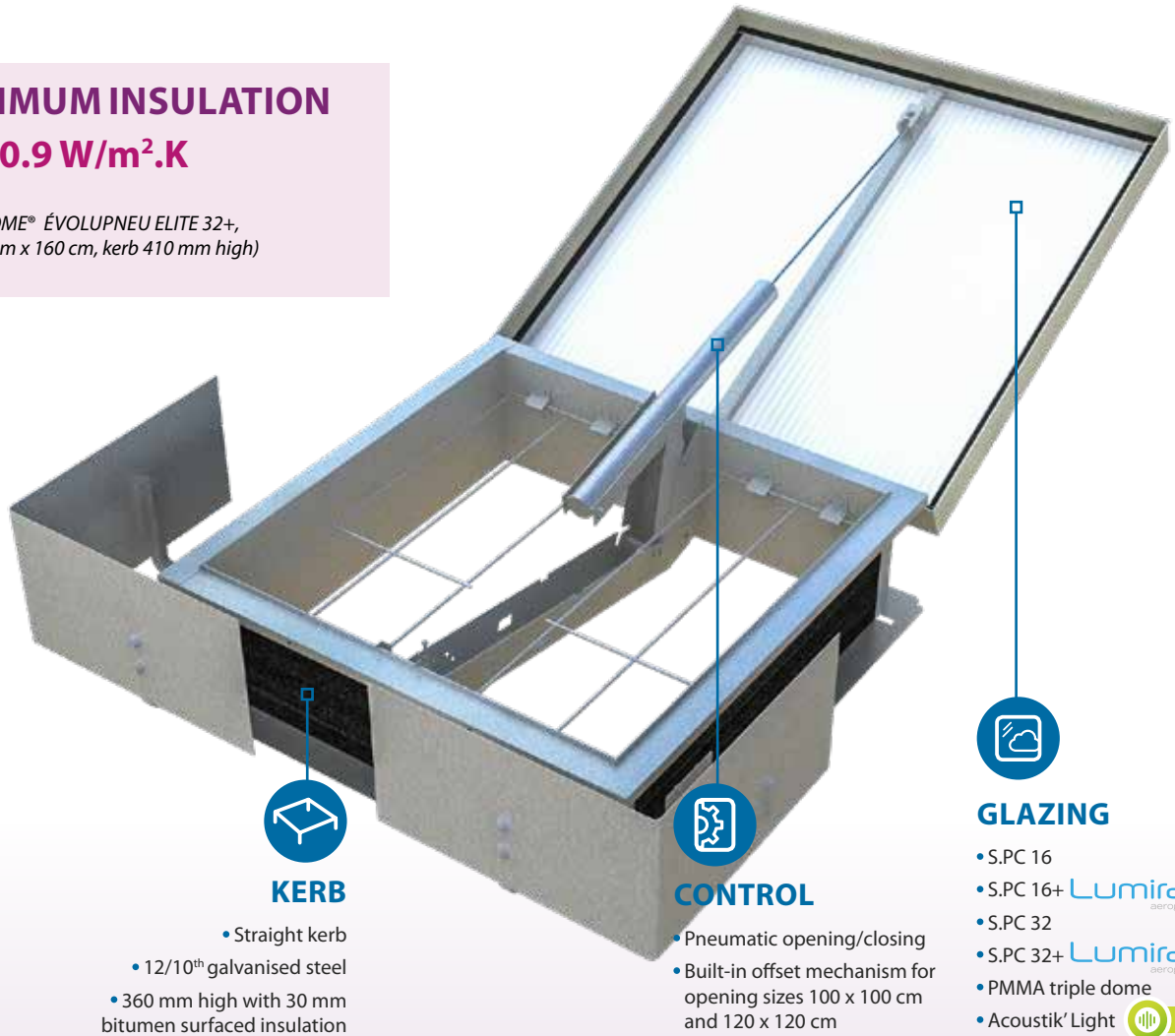
CLASSIC | CONFORT | ELITE

PYRODÔME® ÉVOLUPNEU

OPTIMUM INSULATION

Urc: 0.9 W/m².K

(PYRODÔME® ÉVOLUPNEU ELITE 32+,
size 160 cm x 160 cm, kerb 410 mm high)



KERB

- Straight kerb
- 12/10th galvanised steel
- 360 mm high with 30 mm bitumen surfaced insulation



CONTROL

- Pneumatic opening/closing
- Built-in offset mechanism for opening sizes 100 x 100 cm and 120 x 120 cm



GLAZING

- S.PC 16
- S.PC 16+ 
- S.PC 32
- S.PC 32+ 
- PMMA triple dome
- Acoustik' Light 

OPTIONS

Glazing	Control	Kerb	Other
<ul style="list-style-type: none"> • Opal IR S.PC 16 • Grey S.PC 16 • Transparent S.PC 16 • Insulated aluminium cover • Solid PC triple dome 	<ul style="list-style-type: none"> • Position contactor • Heat triggering (93°C as standard and 141°, 183° and more as options) 	<ul style="list-style-type: none"> • Kerb 410 mm high and over • Powder-coating on inside (standard RAL colours) • Panel colaminated at the top for PVC sealing • Panel galvanised at the top for PVC sealing • Bare insulation for PVC sealing • With deflectors (SD/AD) 	<ul style="list-style-type: none"> • 6 mm round grid or 16 x 16 mm square tube, 1200 joules, galvanised or powder-coated in standard RAL colours • Burglar-resistant grid with anti-sawing protection (16 x 16 + R6 assembly), galvanised or powder-coated in standard RAL colours • Grey powder-coated bar to hook on ladder • Grey powder-coated grab handle • Roof access available by unlocking lock unit

ADAPTER PLATE P. 14

FUNCTIONAL OPTIONS

Electric or pneumatic ventilation kit

AVAILABLE IN



ACOUSTIK' LIGHT





— GEOMETRICAL DIMENSIONS

Opening dimensions A x B (cm)		Overall heel dimensions C x D (cm)		Height H (cm)		Lighting surface area (m ²)	E (cm)	Weight (kg)	
Straight kerb	XL canted kerb	Straight kerb	XL canted kerb	Straight kerb	XL canted kerb			Straight kerb	XL canted kerb
100 x 100	114 x 114	118 x 118	132 x 132	42	42	1.00	165	63	67
120 x 120	134 x 134	138 x 138	152 x 152	42	42	1.44	186	76	81
140 x 140	154 x 154	158 x 158	172 x 172	42	42	1.96	207	90	95
150 x 150	164 x 164	168 x 168	182 x 182	42	42	2.25	228	96	102
160 x 160	174 x 174	178 x 178	192 x 192	42	42	2.56	240	103	109
180 x 180	194 x 194	198 x 198	212 x 212	44	44	3.24	274	116	123
195 x 200	209 x 214	213 x 218	227 x 232	44	44	3.90	285	129	137
100 x 150	114 x 164	118 x 168	132 x 182	42	42	1.50	165	76	81
100 x 200	114 x 214	118 x 218	132 x 232	44	44	2.00	165	90	96
120 x 200	134 x 214	138 x 218	152 x 232	43	43	2.40	186	98	105
140 x 200	154 x 214	158 x 218	172 x 232	44	44	2.80	207	106	113
120 x 250	134 x 264	138 x 268	152 x 282	44	44	3.00	186	112	110

Please contact us for other sizes. * For a kerb 360 mm high.

— GLAZING PERFORMANCES

Other glazing: see "Glazing" technical data sheet

Types of glazing	Heat transfer coefficient Ug (W/m ² .K)		TL D65 ⁽²⁾	FS or g ⁽²⁾	Reaction to fire	R _w R _A =R _w +C R _{A,Tr} =R _w +C _{tr} (dB) ⁽³⁾
	U _{hor} ⁽¹⁾	U _{vert} ⁽¹⁾				
S.PC	Opal multi-wall S.PC 16	2.0	1.8	54%	55%	B,s1,d0 R _w =19 dB, R _A =19 dB R _{A,Tr} =17 dB
	S.PC 16 with transparent Lumira™ Aerogel	1.31	ND	67%	67%	B,s1,d0 R _w =21 dB, R _A =21 dB R _{A,Tr} =19 dB
	Transparent multi-wall S.PC 32	1.4	1.25	64%	57%	B,s1,d0 R _w =19 dB, R _A =18 dB R _{A,Tr} =18 dB
	S.PC 32 with 50% transparent Lumira™ Aerogel	0.8	ND	43%	45%	B,s2,d0 R _w =21 dB, R _A =21 dB R _{A,Tr} =20 dB
Cover	40 mm aluminium cover	0.85	ND	0%	ND	ND 63
Dome	Opal solid PC triple dome <i>Opal upper dome + transparent intermediate dome + transparent lower dome</i>	2.0	1.95	61%	ND	B,s2,d0 ND
Acoustik' Light	Acoustik' Light <i>Transparent S.PC 10 & transparent PCP 6</i>	2.1	ND	54	37	ND R _w =27 dB, R _A =R _{A,Tr} =26 dB

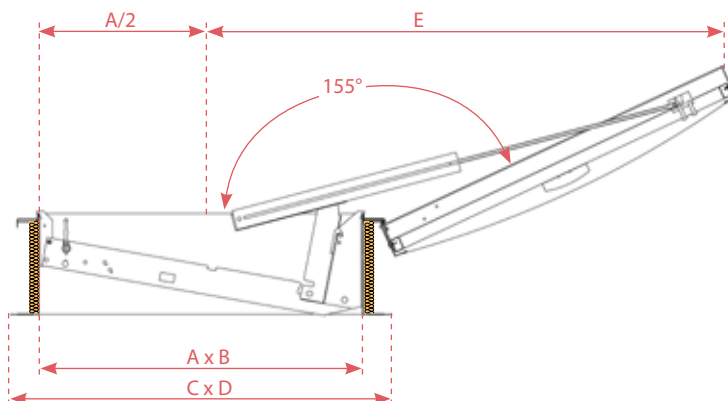
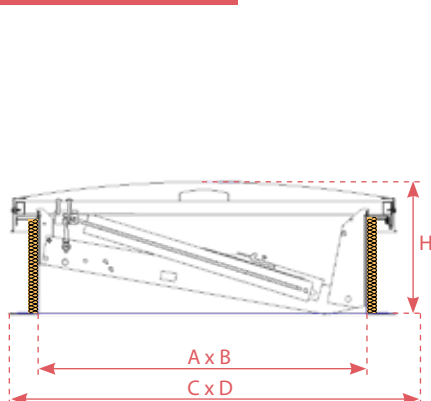
⁽¹⁾ According to §2.31 of the Th-Bat. rules.

⁽²⁾ Regular light transmission factor TL D65 and total solar transmission factor FS (TST or g) according to EN 410.

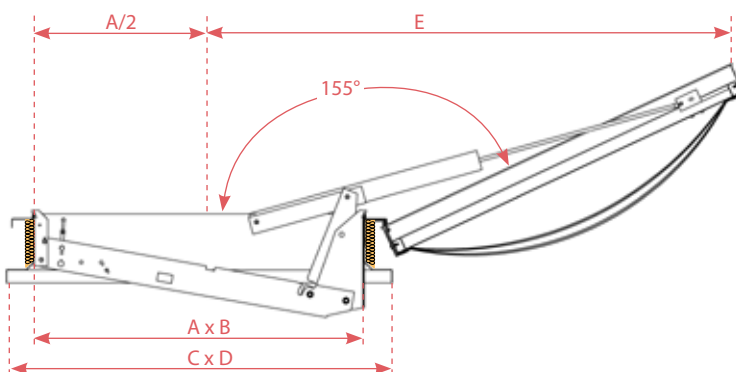
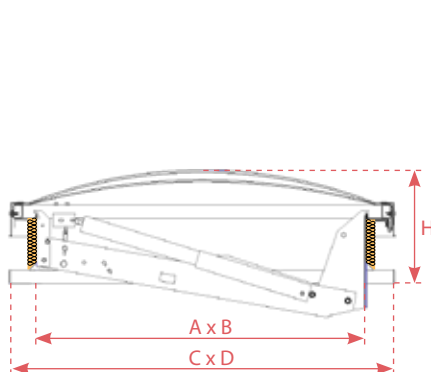
⁽³⁾ Glazing insulation to airborne noise R_w, pink noise R_A (neighbourhood, airport and industrial activities) and road noise R_{A,Tr} measured in the laboratory according to NF EN ISO 140.

TECHNICAL DIAGRAMS

PYRODÔME® ÉVOLUPNEU S.PC



Adapter plate PYRODÔME® ÉVOLUPNEU double dome



PERFORMANCES

Evacuation system opening: type B (opening + closing)

Reliability: Re 1000 + 10000 (with ventilation kit)

Low ambient temperature: T(0°)

Resistance to heat: B₃₀₀

Heat triggering temperature: 93° C to 183° C

Wind load: WL1500

Opening under load: SL250 and SL500 depending on the glazing

Also available in WL 3000 for sizes < 140 x 140 cm.
Contact us.

CONFORMITY AND IMPLEMENTATION

CE-certified natural smoke and heat exhaust ventilator system compliant with standard **NF EN 12101-2 (product certification no. 0333 CPR 219015)**.

Fastening and sealing must comply with the requirements set out in French legislation (DTU) series 40 and 43 currently in force.

Maximum insulation height: the minimum height of the waterproofing upstand to comply with according to French legislation (DTU) is 150 mm.

The waterproofing complex (substrate, vapour barrier, insulation and two-layer sealing) cannot be more than 140 mm for an inner kerb height of 310 mm or more than 240 mm for an inner kerb height of 410 mm.

Maximum authorised slope: 25° or 46% (see installation instructions).

Only the security bar option guarantees 1200-joule protection.

Declaration of Performance available at www.skydome.eu



• NATURAL SMOKE EVACUATION
• DAYLIGHTING
• ROOF ACCESS

SUBSTRATE:
Watertight roof /
Existing kerb



— COMMERCIAL NAME



	CLASSIC ★						CONFORT ★★						ELITE ★★★																													
Kerb insulation	Kerb 360 mm high Insulation: • over the kerb height						Kerb 360 mm high Insulation: • over the kerb height • over the kerb frame return						Kerb 360 mm high Insulation: • over the kerb height • over the kerb frame return • between the steel frame and the aluminium frame																													
Glazing	16 mm S.PC (opal S.PC)		16 mm S.PC with LUMIRA (transparent S.PC)		32 mm S.PC (transparent S.PC)		16 mm S.PC + 16 mm S.PC with LUMIRA (transparent S.PC)		Triple dome Opal upper dome + transparent intermediate dome + transparent lower dome		40 mm aluminium cover		10 mm S.PC + solid 6 mm PC		16 mm S.PC (opal S.PC)		16 mm S.PC with LUMIRA (transparent S.PC)		32 mm S.PC (transparent S.PC)		16 mm S.PC + 16 mm S.PC with LUMIRA (transparent S.PC)		Triple dome Opal upper dome + transparent intermediate dome + transparent lower dome		40 mm aluminium cover		10 mm S.PC + solid 6 mm PC															
Commercial name	CLASSIC 16		CLASSIC 16+		CLASSIC 32		CLASSIC 32+		CLASSIC 3xD		CLASSIC 40 OPAQUE		CLASSIC ACOUSTIK' LIGHT		CONFORT 16		CONFORT 16+		CONFORT 32		CONFORT 32+		CONFORT 3xD		CONFORT 40 OPAQUE		CONFORT ACOUSTIK' LIGHT		ELITE 16		ELITE 16+		ELITE 32		ELITE 32+		ELITE 3xD		ELITE 40 OPAQUE		ELITE ACOUSTIK' LIGHT	

— AIR PERMEABILITY AND LIGHT SURFACE AREA

Opening dimensions A x B (cm)	Air flow (m ³ /h) - Class AP06 ⁽¹⁾		ELA ⁽²⁾ (m ²)			
	Under 4 Pa	Under 50 Pa	Straight kerb		XL canted kerb	
			360 mm high	410 mm high	360 mm high	410 mm high
100 x 100	0.12	0.76	0.36	0.35	0.37	0.36
120 x 120	0.14	0.92	0.54	0.52	0.55	0.54
140 x 140	0.17	1.07	0.75	0.73	0.77	0.75
150 x 150	0.18	1.15	0.86	0.85	0.89	0.87
160 x 160	0.19	1.22	0.99	0.98	1.02	1
180 x 180	0.22	1.38	1.27	1.25	1.31	1.29
195 x 200	0.24	1.51	1.54	1.52	1.59	1.57
100 x 150	0.15	0.96	0.56	0.55	0.57	0.56
100 x 200	0.18	1.15	0.76	0.74	0.78	0.76
120 x 200	0.19	1.22	0.95	0.93	0.95	0.93
140 x 200	0.20	1.30	1.09	1.07	1.12	1.1
120 x 250	0.22	1.41	1.16	1.14	1.2	1.18

⁽¹⁾ Air permeability tests conducted at CSTC according to the NF EN 1873 protocols (in reference to standards NF EN 12152 and NF EN 12153).
⁽²⁾ Effective lighting area (ELA) calculated with white powder-coated kerb and 16 mm structured polycarbonate.

— MAXIMUM PERMISSIBLE OVERLOADS SL (Pa) AND OPERATING PRESSURE

Opening (cm)	Cylinder volume (litre)	Closing pressure (bar)	Opening pressure (bar)							
			S.PC16/S.PC16+		S.PC32/S.PC32+/ 40 mm cover		S.PC32 & dome		S.PC32 & dome / Triple Dome / Acoustik'Light	
			SL250	SL500	SL250	SL500	SL250	SL500	SL250	SL500
100 x 100	1.7	10	10	15	10	15	10	15	10	15
120 x 120	1.9		10	15	10	15	10	15	10	15
140 x 140	2.0		13	22	14	23	14	23	23	
150 x 150	2.0		16	27	17	28	17	28	28	
160 x 160	2.7		16	26	17	27	17	27	27	
180 x 180	2.7		21							
195 x 200	2.7		27							
100 x 150	1.7		10	15	10	15	15		15	
100 x 200	1.7		11	18	11	20	20		20	
120 x 200	1.9		14	24						
140 x 200	2.0		17	30						
120 x 250	1.9		17	28						

Centred crossbar

Offset crossbar

Choice of centred or offset crossbar

— AIRFLOW PERFORMANCES

Opening dimensions A x B (cm)		PYRODÔME ÉVOLUPNEU			PYRODÔME ÉVOLUPNEU XL		
		Av (m ²)	Aa (m ²)		Av (m ²)	Aa (m ²)	
			SD	AD		SD	AD
Straight kerb	XL canted kerb						
100 x 100	114 x 114	1.00	0.55	0.68	1.30	0.70	0.87
120 x 120	134 x 134	1.44	0.78	0.96	1.80	0.97	1.20
140 x 140	154 x 154	1.96	1.04	1.28	2.37	1.27	1.60
150 x 150	164 x 164	2.25	1.18	1.45	2.69	1.43	1.82
160 x 160	174 x 174	2.56	1.34	1.63	3.03	1.61	2.05
180 x 180	194 x 194	3.24	1.67	2.12	3.76	1.99	2.56
195 x 200	209 x 214	3.90	2.04	2.60	4.47	2.40	3.13
100 x 150	114 x 164	1.50	0.81	1.00	1.87	1.01	1.25
100 x 200	114 x 214	2.00	1.00	1.33	2.44	1.32	1.64
120 x 200	134 x 214	2.40	1.21	1.59	2.87	1.45	1.95
140 x 200	154 x 214	2.80	1.42	1.85	3.30	1.71	2.24
120 x 250	134 x 264	3.00	1.41	1.98	3.54	1.68	2.41

— ACOUSTIC PERFORMANCES OF THE DEVICE



	S.PC 16	S.PC 16+	S.PC 32	S.PC 32 & dome	S.PC 32+	S.PC 32+ & dome	Opaque 40 mm aluminium cover	Triple dome	Acoustik' Light*
Noise reduction Rw (C;Ctr) (dB)	17(-2;2)	19(0;-1)	20(-2;-1)	25(-1;-3)	21(0;0)	26(-1;-3)	23(-1;-3)	20(0;-2)	25(-1;-1)
Intensity level generated by the rain LIA (dB)	77	74	75	63	72	61	63	63	66

Rw = noise reduction index measured in the laboratory according to EN 410 (airborne noise) - RA = Rw + C = "pink noise" reduction index - RA,tr = Rw + Ctr = "road noise" reduction index
*The acoustic performance of the device with ACOUSTIK' LIGHT glazing is declared only for the CONFORT and ELITE ranges.

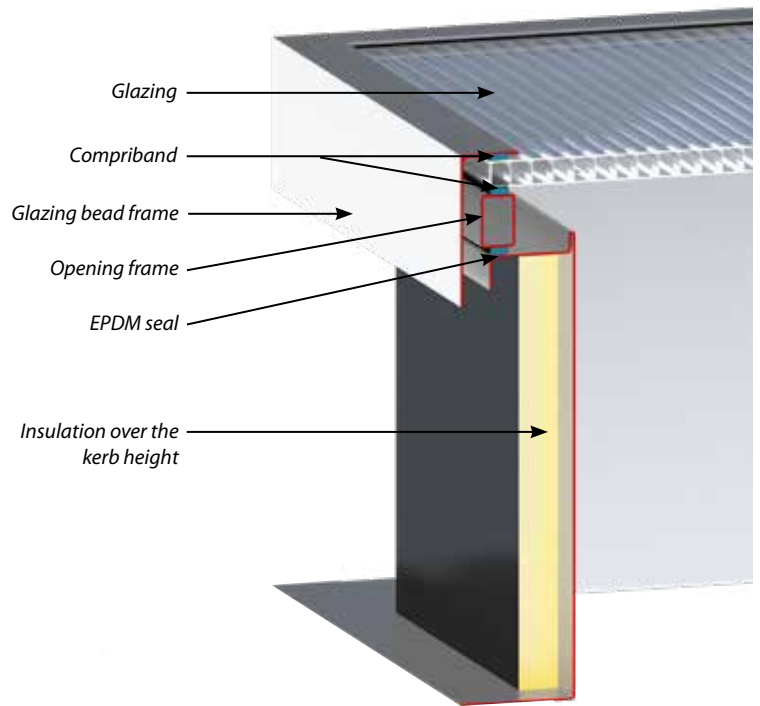


CLASSIC

IMPROVED THERMAL INSULATION

> Over the kerb height

- ✓ **WIDE CHOICE OF GLAZING** meeting the various thermal, light transmission and solar factor performances
- ✓ $U_{RC} = 1.8 \text{ W/m}^2.K^*$
- ✓ **BETTER WATERPROOFING**
- ✓ **Noise reduction FROM 17 DB**
- ✓ **COMPLIANT WITH FRENCH LEGISLATION (DTU) currently in force**



— THERMAL PERFORMANCES: U_{RC} (W/m².K) AND A_{RC} (m²)

PYRODÔME® ÉVOLUPNEU												
Dimensions (cm)	Kerb 360 mm high						Kerb 410 mm high					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover		Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover	
100 x 100	2.5	2.4	2.1	2.2	2.0	3.1	2.4	2.3	2.0	2.1	1.9	3.3
120 x 120	2.5	2.4	2.1	2.2	2.0	3.8	2.4	2.3	2.0	2.1	1.9	4.1
140 x 140	2.4	2.3	2.0	2.1	1.9	4.7	2.3	2.2	1.9	2.0	1.8	5.0
150 x 150	2.4	2.3	2.0	2.1	1.9	5.2	2.3	2.2	1.9	2.0	1.8	5.5
160 x 160	2.4	2.3	2.0	2.1	1.9	5.6	2.3	2.2	1.9	2.0	1.8	6.0
180 x 180	2.3	2.2	1.9	-	-	6.6	2.2	2.1	1.8	-	-	7.0
195 x 200	2.3	2.2	1.9	-	-	7.6	2.2	2.1	1.8	-	-	8.0
100 x 150	2.5	2.4	2.1	2.2	2.0	4.0	2.4	2.3	2.0	2.1	1.9	4.2
100 x 200	2.4	2.3	2.0	2.1	1.9	4.9	2.3	2.2	1.9	2.0	1.8	5.2
120 x 200	2.4	2.3	2.0	-	-	5.5	2.3	2.2	1.9	-	-	5.8
140 x 200	2.4	2.3	2.0	-	-	6.0	2.3	2.2	1.9	-	-	6.4
120 x 250	2.4	2.3	2.0	-	-	6.5	2.3	2.2	1.9	-	-	6.9

* For a system measuring 160 x 160 cm, kerb 410 mm high, S.PC 32+ glazing
 ** Adding a dome has no impact on the thermal conductance of the Urc device.



CONFORT

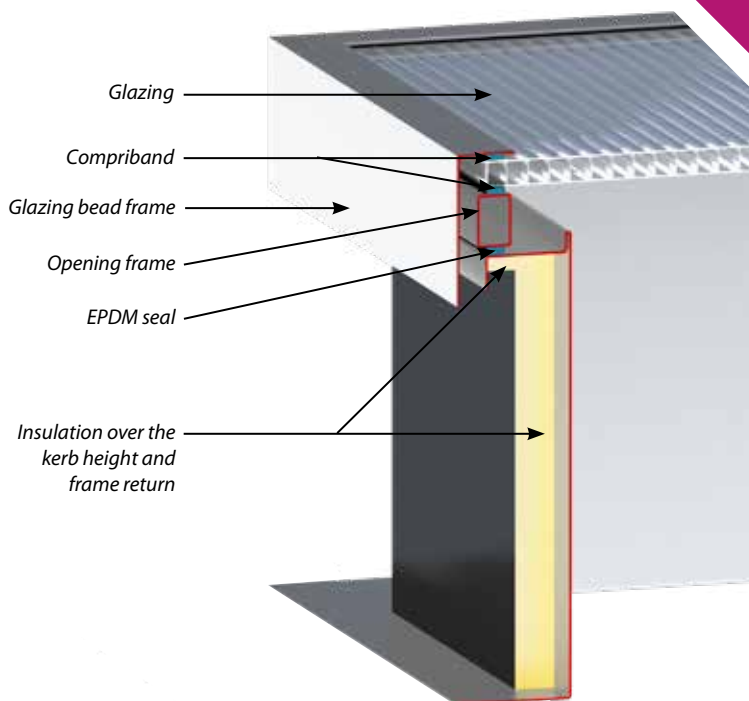
THERMAL CONDUCTANCE U_{RC} :

> 40% more efficient than the CLASSIC range

✓ WIDE RANGE OF GLAZING

✓ $U_{RC} = 1.0 \text{ W/m}^2.K^*$

✓ COMPLIANT WITH FRENCH LEGISLATION (DTU) currently in force



— THERMAL PERFORMANCES: U_{RC} (W/m².K) AND A_{RC} (m²)

PYRODÔME® ÉVOLUPNEU												
Dimensions (cm)	Kerb 360 mm high						Kerb 410 mm high					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover		Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover	
100 x 100	1.8	1.7	1.4	1.5	1.2	3.1	1.7	1.6	1.3	1.4	1.1	3.3
120 x 120	1.8	1.7	1.4	1.5	1.2	3.8	1.7	1.6	1.3	1.4	1.1	4.1
140 x 140	1.8	1.7	1.4	1.5	1.2	4.7	1.7	1.6	1.3	1.4	1.1	5.0
150 x 150	1.8	1.7	1.4	1.5	1.2	5.2	1.7	1.6	1.3	1.4	1.1	5.5
160 x 160	1.7	1.6	1.3	1.4	1.1	5.6	1.6	1.5	1.2	1.3	1.0	6.0
180 x 180	1.7	1.6	1.3	-	-	6.6	1.6	1.5	1.2	-	-	7.0
195 x 200	1.7	1.6	1.3	-	-	7.6	1.6	1.5	1.2	-	-	8.0
100 x 150	1.6	1.7	1.4	1.5	1.2	4.0	1.5	1.6	1.3	1.4	1.1	4.2
100 x 200	1.6	1.7	1.4	1.5	1.2	4.9	1.5	1.6	1.3	1.4	1.1	5.2
120 x 200	1.6	1.7	1.4	-	-	5.5	1.5	1.6	1.3	-	-	5.8
140 x 200	1.5	1.6	1.3	-	-	6.0	1.4	1.5	1.2	-	-	6.4
120 x 250	1.5	1.6	1.3	-	-	6.5	1.4	1.5	1.2	-	-	6.9

* For a system measuring 160 x 160 cm, kerb 410 mm high, S.PC 32+ glazing
 ** Adding a dome has no impact on the thermal conductance of the Urc device.



ELITE

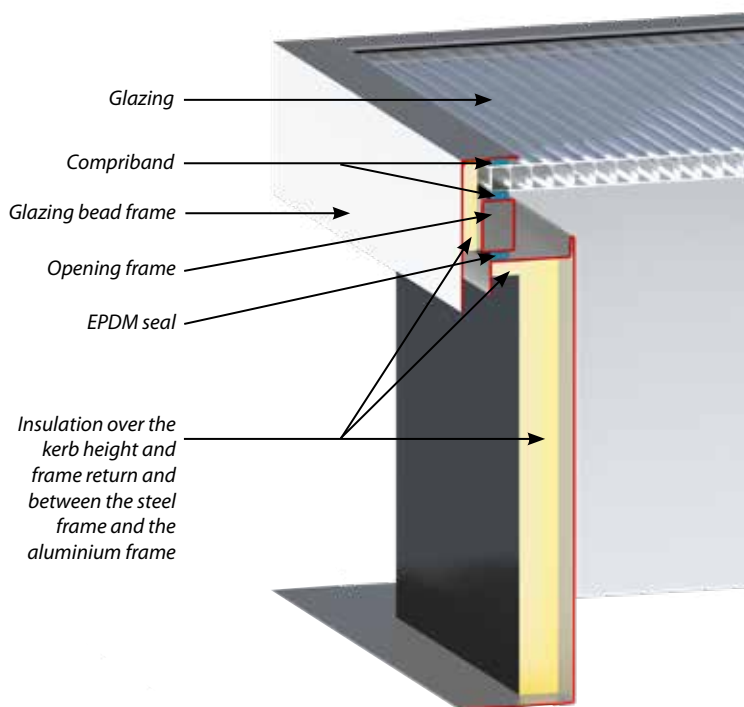
THERMAL CONDUCTANCE U_{RC} :

> 50% more efficient than the CLASSIC range

✓ WIDE RANGE OF GLAZING

✓ $U_{RC} = 0.9 \text{ W/m}^2 \cdot \text{K}^*$

✓ COMPLIANT WITH FRENCH LEGISLATION (DTU) currently in force



— THERMAL PERFORMANCES: U_{RC} (W/m².K) AND A_{RC} (m²)

PYRODÔME® ÉVOLUPNEU												
Dimensions (cm)	Kerb 360 mm high						Kerb 410 mm high					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover		Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover	
100 x 100	1.7	1.6	1.3	1.4	1.2	3.1	1.6	1.5	1.2	1.3	1.0	3.3
120 x 120	1.6	1.5	1.2	1.3	1.1	3.8	1.5	1.4	1.1	1.2	0.9	4.1
140 x 140	1.6	1.5	1.2	1.3	1.1	4.7	1.5	1.4	1.1	1.2	0.9	5.0
150 x 150	1.6	1.5	1.2	1.3	1.1	5.2	1.5	1.4	1.1	1.2	0.9	5.5
160 x 160	1.6	1.5	1.2	1.3	1.1	5.6	1.5	1.4	1.1	1.2	0.9	6.0
180 x 180	1.6	1.5	1.2	-	-	6.6	1.5	1.4	1.1	-	-	7.0
195 x 200	1.6	1.5	1.2	-	-	7.6	1.5	1.4	1.1	-	-	8.0
100 x 150	1.6	1.5	1.2	1.3	1.1	4.0	1.5	1.4	1.1	1.2	0.9	4.2
100 x 200	1.6	1.5	1.2	1.3	1.1	4.9	1.5	1.4	1.1	1.2	0.9	5.2
120 x 200	1.6	1.5	1.2	-	-	5.5	1.5	1.4	1.1	-	-	5.8
140 x 200	1.6	1.5	1.2	-	-	6.0	1.5	1.4	1.1	-	-	6.4
120 x 250	1.6	1.5	1.2	-	-	6.5	1.5	1.4	1.1	-	-	6.9

* For a system measuring 160 x 160 cm, kerb 410 mm high, S.PC 32+ glazing

** Adding a dome has no impact on the thermal conductance of the U_{RC} device.

PYRODÔME® ÉVOLUPNEU





CLASSIC

IMPROVED THERMAL INSULATION

> Over the kerb height

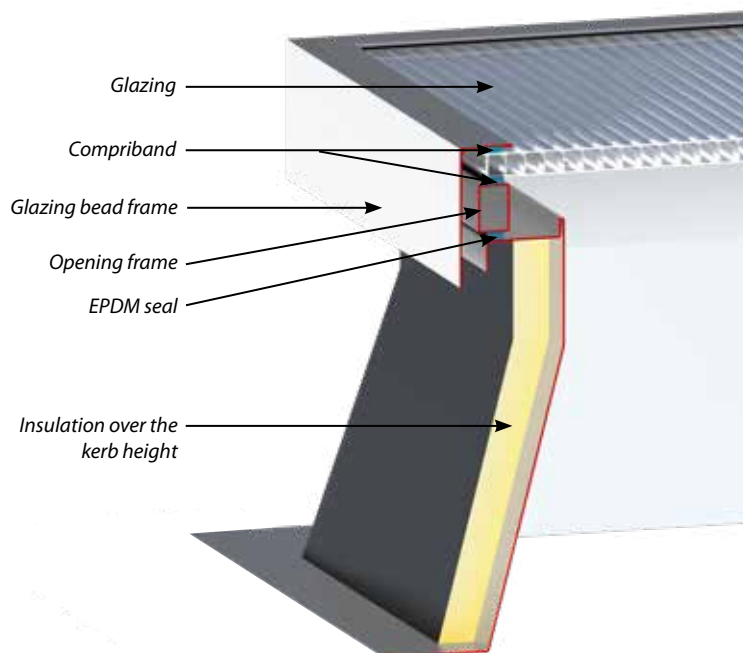
✓ **WIDE CHOICE OF GLAZING** meeting the various thermal, light transmission and solar factor performances

✓ $U_{RC} = 1.7 \text{ W/m}^2 \cdot \text{K}^*$

✓ **BETTER WATERPROOFING**

✓ **Noise reduction FROM 17 DB**

✓ **COMPLIANT WITH FRENCH LEGISLATION (DTU) currently in force**



— THERMAL PERFORMANCES: U_{RC} ($\text{W/m}^2 \cdot \text{K}$) AND A_{RC} (m^2)

PYRODÔME® ÉVOLUPNEU XL

Dimensions (cm)	Kerb 360 mm high						Kerb 410 mm high					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover		Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover	
100 x 100	2.3	2.2	2.0	2.1	1.9	3.2	2.2	2.1	1.9	2.0	1.8	3.4
120 x 120	2.3	2.2	2.0	2.1	1.9	3.9	2.2	2.1	1.9	2.0	1.8	4.2
140 x 140	2.3	2.2	2.0	2.1	1.9	4.8	2.2	2.1	1.9	2.0	1.8	5.1
150 x 150	2.2	2.1	1.9	2.0	1.8	5.2	2.1	2.0	1.8	1.9	1.7	5.6
160 x 160	2.2	2.1	1.9	2.0	1.8	5.7	2.1	2.0	1.8	1.9	1.7	6.1
180 x 180	2.2	2.1	1.9	-	-	6.7	2.1	2.0	1.8	-	-	7.1
195 x 200	2.2	2.1	1.9	-	-	7.7	2.1	2.0	1.8	-	-	8.1
100 x 150	2.3	2.2	2.0	2.1	1.9	4.1	2.2	2.1	1.9	2.0	1.8	4.4
100 x 200	2.3	2.2	2.0	2.1	1.9	5.0	2.2	2.1	1.9	2.0	1.8	5.3
120 x 200	2.2	2.1	1.9	-	-	5.6	2.1	2.0	1.8	-	-	5.9
140 x 200	2.2	2.1	1.9	-	-	6.1	2.1	2.0	1.8	-	-	6.5
120 x 250	2.2	2.1	1.9	-	-	6.6	2.1	2.0	1.8	-	-	7.0

* For a system measuring 160 x 160 cm, kerb 410 mm high, S.PC 32+ glazing

** Adding a dome has no impact on the thermal conductance of the U_{RC} device.



CONFORT

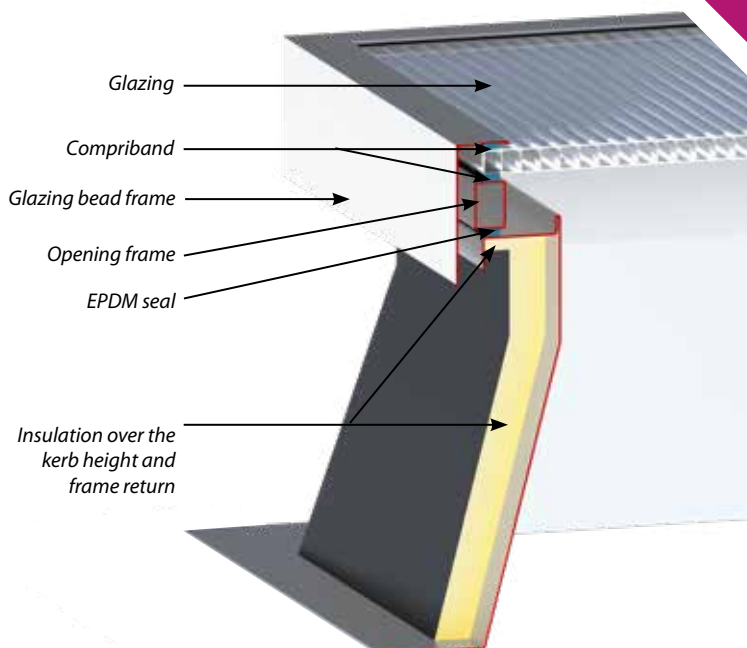
THERMAL CONDUCTANCE U_{RC} :

> 40% more efficient than the CLASSIC range

✓ WIDE RANGE OF GLAZING

✓ $U_{RC} = 1.1 \text{ W/m}^2.K^*$

✓ COMPLIANT WITH FRENCH LEGISLATION (DTU) currently in force



— THERMAL PERFORMANCES: U_{RC} (W/m².K) AND A_{RC} (m²)

PYRODÔME® ÉVOLUPNEU XL

Dimensions (cm)	Kerb 360 mm high						Kerb 410 mm high					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover		Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover	
100 x 100	1.7	1.6	1.4	1.5	1.3	3.2	1.6	1.5	1.3	1.4	1.2	3.4
120 x 120	1.7	1.6	1.4	1.5	1.3	3.9	1.6	1.5	1.3	1.4	1.2	4.2
140 x 140	1.6	1.5	1.3	1.4	1.2	4.8	1.5	1.4	1.2	1.3	1.1	5.1
150 x 150	1.6	1.5	1.3	1.4	1.2	5.2	1.5	1.4	1.2	1.3	1.1	5.6
160 x 160	1.6	1.5	1.3	1.4	1.2	5.7	1.5	1.4	1.2	1.3	1.1	6.1
180 x 180	1.6	1.5	1.3	-	-	6.7	1.5	1.4	1.2	-	-	7.1
195 x 200	1.6	1.5	1.3	-	-	7.7	1.5	1.4	1.2	-	-	8.1
100 x 150	1.7	1.6	1.4	1.5	1.3	4.1	1.6	1.5	1.3	1.4	1.2	4.4
100 x 200	1.6	1.5	1.3	1.4	1.2	5.0	1.5	1.4	1.2	1.3	1.1	5.3
120 x 200	1.6	1.5	1.3	-	-	5.6	1.5	1.4	1.2	-	-	5.9
140 x 200	1.6	1.5	1.3	-	-	6.1	1.5	1.4	1.2	-	-	6.5
120 x 250	1.6	1.5	1.3	-	-	6.6	1.5	1.4	1.2	-	-	7.0

* For a system measuring 160 x 160 cm, kerb 410 mm high, S.PC 32+ glazing
 ** Adding a dome has no impact on the thermal conductance of the Urc device.



ELITE

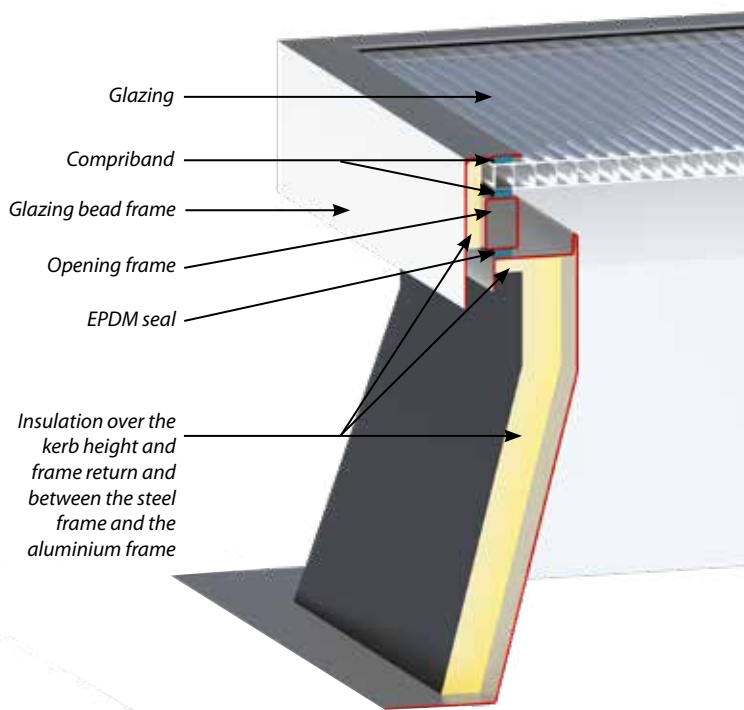
THERMAL CONDUCTANCE U_{RC} :

> 50% more efficient than the CLASSIC range

✓ WIDE RANGE OF GLAZING

✓ $U_{RC} = 0.9 \text{ W/m}^2 \cdot \text{K}^*$

✓ COMPLIANT WITH FRENCH LEGISLATION (DTU) currently in force



— THERMAL PERFORMANCES: U_{RC} (W/m².K) AND A_{RC} (m²)

PYRODÔME® ÉVOLUPNEU XL

Dimensions (cm)	Kerb 360 mm high						Kerb 410 mm high					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover		Acoustik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32**	S.PC 32+** & opaque 40 mm aluminium cover	
100 x 100	1.6	1.5	1.3	1.4	1.1	3.2	1.5	1.4	1.2	1.3	1.0	3.4
120 x 120	1.5	1.4	1.2	1.3	1.0	3.9	1.4	1.3	1.1	1.2	0.9	4.2
140 x 140	1.5	1.4	1.2	1.3	1.0	4.8	1.4	1.3	1.1	1.2	0.9	5.1
150 x 150	1.5	1.4	1.2	1.3	1.0	5.2	1.4	1.3	1.1	1.2	0.9	5.6
160 x 160	1.5	1.4	1.2	1.3	1.0	5.7	1.4	1.3	1.1	1.2	0.9	6.1
180 x 180	1.5	1.4	1.2	-	-	6.7	1.4	1.3	1.1	-	-	7.1
195 x 200	1.5	1.4	1.2	-	-	7.7	1.4	1.3	1.1	-	-	8.1
100 x 150	1.5	1.4	1.2	1.3	1.0	4.1	1.4	1.3	1.1	1.2	0.9	4.4
100 x 200	1.5	1.4	1.2	1.3	1.0	5.0	1.4	1.3	1.1	1.2	0.9	5.3
120 x 200	1.5	1.4	1.2	-	-	5.6	1.4	1.3	1.1	-	-	5.9
140 x 200	1.5	1.4	1.2	-	-	6.1	1.4	1.3	1.1	-	-	6.5
120 x 250	1.5	1.4	1.2	-	-	6.6	1.4	1.3	1.1	-	-	7.0

* For a system measuring 160 x 160 cm, kerb 410 mm high, S.PC 32+ glazing

** Adding a dome has no impact on the thermal conductance of the U_{RC} device.

PYRODÔME® ÉVOLUPNEU





• NATURAL SMOKE EVACUATION
• DAYLIGHTING
• ROOF ACCESS

SUBSTRATE:
Watertight roof /
Existing kerb



**A CLOSER
LOOK AT ...**

THE PYRODÔME® ÉVOLUPNEU ADAPTER PLATE FOR RENOVATION AND CONFORMITY

— GEOMETRICAL DIMENSIONS AND AIRFLOW PERFORMANCES

Opening dimensions A x B (cm)	Overall heel dimensions C x D (cm)	Height H* (cm)	Lighting surface area (m ²)	E (cm)	Weight (kg)	Av (m ²)	Aa (m ²)	
							SD	AD
100 x 100	117 x 117	23	1.00	165	53	1.08	0.57	0.68
120 x 120	137 x 137	23	1.44	186	64	1.54	0.77	0.97
140 x 140	157 x 157	23	1.96	207	75	2.07	0.97	1.30
150 x 150	167 x 167	23	2.25	228	81	2.37	1.08	1.48
160 x 160	177 x 177	23	2.56	240	86	2.69	1.18	1.67
180 x 180	197 x 197	25	3.24	274	97	3.39	1.38	2.13
195 x 200	212 x 217	25	3.90	285	108	4.04	1.58	2.50
100 x 150	117 x 167	23	1.50	165	63	1.60	0.85	1.01
100 x 200	117 x 167	25	2.00	165	75	2.12	1.15	1.33
120 x 200	117 x 217	28	2.40	186	82	2.53	1.29	1.57
140 x 200	157 x 217	25	2.80	207	89	2.94	1.40	1.83
120 x 250	137 x 267	25	3.00	186	93	3.00	1.64	1.95

Please contact us for other sizes. * For a kerb 170 mm high.

— THERMAL PERFORMANCES: U_{RC} (W/m².K) AND A_{RC} (m²)

PYRODÔME® ÉVOLUPNEU ADAPTER PLATE - Kerb 170 mm high

Dimensions (cm)	CLASSIC ★						CONFORT ★★						ELITE ★★★					
	U_{RC}					A_{RC}	U_{RC}					A_{RC}	U_{RC}					A_{RC}
	Acous- tik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32*	S.PC 32+* & opaque 40 mm aluminum cover		Acous- tik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32*	S.PC 32+* & opaque 40 mm aluminum cover		Acous- tik' Light	Triple dome & S.PC 16	S.PC 16+	S.PC 32*	S.PC 32+* & opaque 40 mm aluminum cover	
100 x 100	3.2	3.1	2.8	2.9	2.6	2.3	2.6	2.5	2.1	2.2	1.9	2.3	2.5	2.4	2.0	2.1	1.8	2.3
120 x 120	3.1	3.0	2.6	2.7	2.4	2.9	2.5	2.4	2.0	2.1	1.7	2.9	2.4	2.3	1.9	2.0	1.6	2.9
140 x 140	3.0	2.9	2.5	2.6	2.3	3.6	2.4	2.3	1.9	2.0	1.6	3.6	2.3	2.2	1.8	1.9	1.5	3.6
150 x 150	2.9	2.8	2.5	2.6	2.3	4.0	2.3	2.2	1.8	1.9	1.6	4.0	2.2	2.1	1.7	1.8	1.5	4.0
160 x 160	2.9	2.8	2.4	2.5	2.2	4.4	2.3	2.2	1.8	1.9	1.5	4.4	2.2	2.1	1.7	1.8	1.4	4.4
180 x 180	2.8	2.7	2.3	-	-	5.2	2.2	2.1	1.7	-	-	5.2	2.1	2.0	1.6	-	-	5.2
195 x 200	2.7	2.6	2.3	-	-	6.1	2.2	2.1	1.6	-	-	6.1	2.1	2.0	1.5	-	-	6.1
100 x 150	3.1	3.0	2.6	2.7	2.4	3.0	2.5	2.4	2.0	2.1	1.7	3.0	2.4	2.3	1.9	2.0	1.6	3.0
100 x 200	3.0	2.9	2.6	2.7	2.4	3.7	2.4	2.3	1.9	2.0	1.7	3.7	2.3	2.2	1.8	1.9	1.6	3.7
120 x 200	3.0	2.9	2.6	-	-	4.2	2.3	2.2	1.8	-	-	4.2	2.2	2.1	1.7	-	-	4.2
140 x 200	2.9	2.8	2.4	-	-	4.7	2.3	2.2	1.8	-	-	4.7	2.2	2.1	1.7	-	-	4.7
120 x 250	3.0	2.9	2.6	-	-	5.1	2.3	2.2	1.8	-	-	5.1	2.2	2.1	1.7	-	-	5.1

* Adding a dome has no impact on the thermal conductance of the Urc device.

A CLOSER LOOK AT ...

THE PYRODÔME® ÉVOLUPNEU ADAPTER PLATE FOR RENOVATION AND CONFORMITY

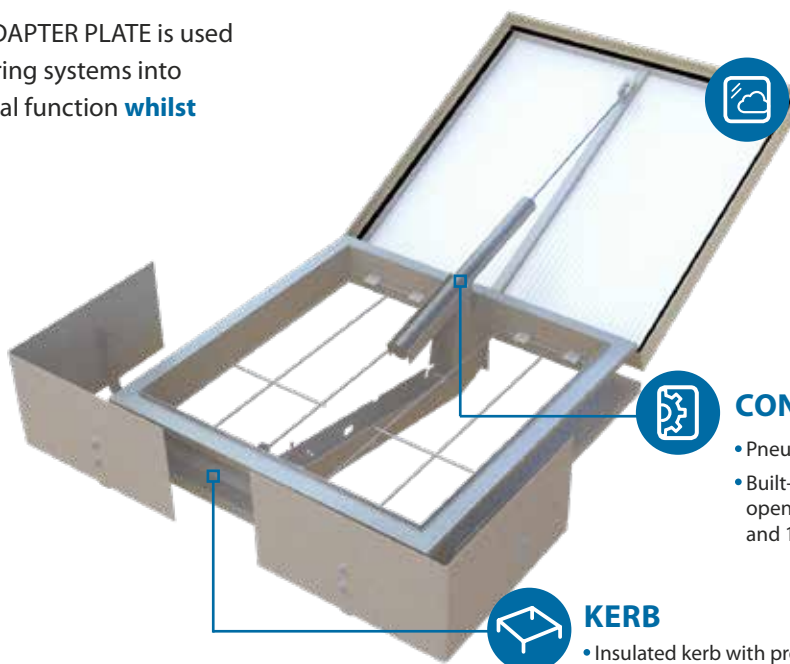
The PYRODÔME® ÉVOLUPNEU ADAPTER PLATE is used to adapt to all types of kerb to bring systems into compliance or change the original function **whilst keeping the existing kerb.**

OPTIONS

List of standard options p.1

Kerb

- Heel width by request to adapt to the existing substrate
- Kerb height by request



GLAZING

- S.PC 16
- S.PC 16+ Lumira^{aerogel}
- S.PC 32
- S.PC 32+ Lumira^{aerogel}
- PMMA triple dome
- Acoustik' Light



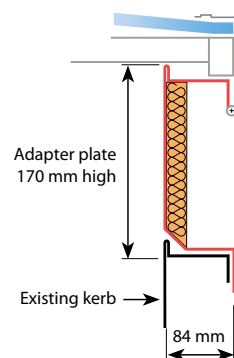
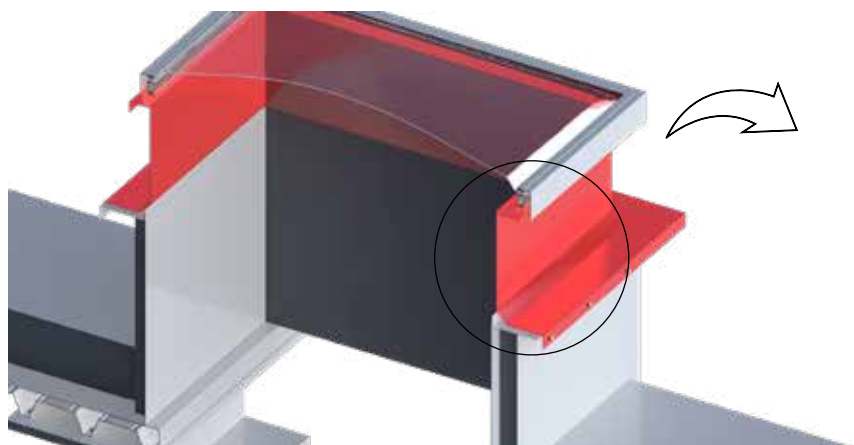
CONTROL

- Pneumatic opening/closing
- Built-in offset mechanism for opening sizes 100 x 100 cm and 120 x 120 cm

KERB

- Insulated kerb with protective galvanised steel panel, 84 mm heel and 40 mm apron
- 12/10th galvanised steel
- Height 170 mm

— INSTALLATION DIAGRAM





- NATURAL SMOKE EVACUATION
- DAYLIGHTING
- ROOF ACCESS

SUBSTRATE:
Watertight roof /
Existing kerb



PYRODÔME®

ÉVOLUPNEU



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**SKYDÔME®**

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