


## RotoQ Q4 – Product Card

Pivot roof window with thermal insulation (WD block)



### Benefits in a nutshell:

- + the rotation axis positioned in the half of the window allows optimal airing and lighting of the attic
- + the wide range of window sizes
- + manually and electrically operated interior and exterior accessories mean the perfect protection from the sun, optimal temperature during the summer and winter time as well interesting and original elements of the interior decoration
- + a roof window with triple glazing means even better minimization of heat loss and low energy consumption
- + thermal insulation (WD block) gives even 15% better energy balance of the roof window, optimal temperature in the house, lower heating and air-conditioning costs
- + innovative system with acoustic confirmation of every correct step of installation means quick, efficient and secure montage which is time- and cost-saving
- + pre-installed thermal insulation with the vapour barrier film to provide quick, safety and reliability montage
- + post-installation setting of the window means certainty that the roof window is airtight, perfectly adjusted and always appropriately set
- + comfortable cleaning position bolting the sash at an angle of 180 degrees allows to keep the roof window in the impeccable cleanness
- + no visible screws in the roof window covering ensure outstanding airtightness of the roof window and at the same time the aesthetic external appearance

Model of the window	+ RotoQ Q4
Type of the window	+ pivot roof window
Usage	+ from 15° to 90° roof slope
Handle	+ convenient handle at the top of the sash
Material	 PVC      Timber
Opening	+ manual / electric
Energy efficiency	+ $U_w = 1,1 - 0,77$ + internal thermal insulation of the window + additional WD block with better energy balance of the roof window
Easy installation	+ intuitive assembly thanks to smart click system + pre-installed thermal insulation (WD block) with the vapour barrier film
Product quality	+ post-installation setting of the window + 3 locking points
Functionality	+ available interior and exterior accessories + possible multiple combination with Q-4 roof windows + electric powered roof window (optional) + cleaning position bolting the sash at an angle of 180 degrees
Design	+ no visible screws in the roof window covering + modern shape of the roof window covering + attractive colour of the roof window covering – anthracite-metallic

## Technical specifications

	U <sub>g</sub> value W/(m <sup>2</sup> K) EN 673	U <sub>w</sub> value W/(m <sup>2</sup> K) EN 12567-2	g value in % EN 410	sound insulation class VDI 2719	sound insulation value R <sub>w</sub> [dB] EN 20140-3	air permeability class EN 12207
<b>Double Comfort (2C)</b>						
Q42C H200	1.0	1.1	51	3	37 (-1; -5) dB	4
Q42C K200	1.0	1.1	51	3	37 (-2; -5) dB	4
<b>Triple Comfort (3C)</b>						
Q43C H200	0.7	0.9	47	3	38 (-2; -5) dB	4
Q43C K200	0.7	0.9	47	3	38 (-2; -6) dB	4
<b>Triple Premium (3P)</b>						
Q43P H200	0.5	0.77	38	3	38 (-2; -5) dB	4
Q43P K200	0.5	0.77	38	3	38 (-1; -5) dB	4

H = timber

K = PVC

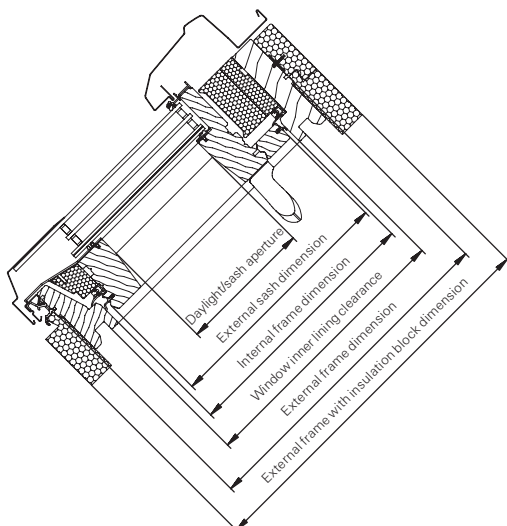
## Window dimensions

Window size	055/078	055/098	055/118	066/098	066/118	066/140	078/078	078/098	078/118	078/140	078/160	078/180	094/078
External frame dimension (mm)	550/774	550/974	550/1174	660/974	660/1174	660/1394	780/774	780/974	780/1174	780/1394	780/1596	780/1796	942/774
External frame with insulation block dimension (mm)	610/834	610/1034	610/1234	720/1034	720/1234	720/1454	840/834	840/1034	840/1234	840/1454	840/1656	840/1856	1002/834
Internal frame dimension (mm)	475/699	475/899	475/1099	585/899	585/1099	585/1319	705/699	705/899	705/1099	705/1319	705/1521	705/1721	867/699
Window inner lining clearance (mm)	495/719	495/919	495/1119	605/919	605/1119	605/1339	725/719	725/919	725/1119	725/1339	725/1541	725/1741	887/719
External sash dimension (mm)	467/688	467/888	467/1088	577/888	577/1088	577/1308	697/688	697/888	697/1088	697/1308	697/1510	697/1710	859/688
Daylight/sash aperture (mm)	381/571	381/771	381/971	491/771	491/971	491/1191	611/571	611/771	611/971	611/1191	611/1393	611/1593	773/571
Pane surface (daylight area) (m <sup>2</sup> )	0,22	0,29	0,37	0,38	0,48	0,58	0,35	0,47	0,59	0,73	0,85	0,97	0,44

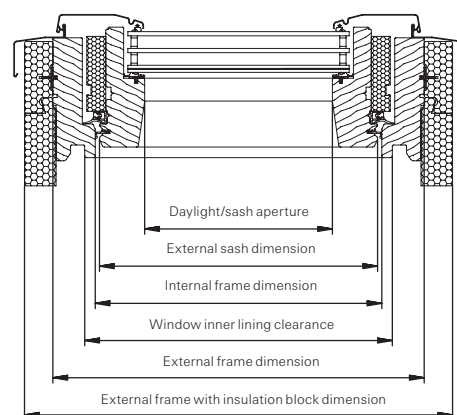
  

Window size	094/098	094/118	094/140	094/160	094/180	114/078	114/098	114/118	114/140	114/160	114/180	134/78	134/98	134/118	134/140	134/160
External frame dimension (mm)	942/974	942/1174	942/1394	942/1596	942/1796	1140/774	1140/974	1140/1174	1140/1394	1140/1596	1140/1796	1340/774	1340/974	1340/1174	1340/1394	1340/1596
External frame with insulation block dimension (mm)	1002/1034	1002/1234	1002/1454	1002/1656	1002/1856	1200/834	1200/1034	1200/1234	1200/1454	1200/1656	1200/1856	1400/834	1400/1034	1400/1234	1400/1454	1400/1656
Internal frame dimension (mm)	867/899	867/1099	867/1319	867/1521	867/1721	1065/699	1065/899	1065/1099	1065/1319	1065/1521	1065/1721	1265/699	1265/899	1265/1099	1265/1319	1265/1521
Window inner lining clearance (mm)	887/919	887/1119	887/1339	887/1541	887/1741	1085/719	1085/919	1085/1119	1085/1339	1085/1541	1085/1741	1285/719	1285/919	1285/1119	1285/1339	1285/1541
External sash dimension (mm)	859/888	859/1088	859/1308	859/1510	859/1710	1057/688	1057/888	1057/1088	1057/1308	1057/1510	1057/1710	1257/688	1257/888	1257/1088	1257/1308	1257/1510
Daylight/sash aperture (mm)	773/771	773/971	773/1191	773/1393	773/1593	971/571	971/771	971/971	971/1191	971/1393	971/1593	1171/571	1171/771	1171/971	1171/1191	1171/1393
Pane surface (daylight area) (m <sup>2</sup> )	0,60	0,75	0,92	1,08	1,23	0,55	0,75	0,94	1,16	1,35	1,55	0,67	0,90	1,14	1,39	1,63

## Cross Section A-A



## Cross Section B-B



Cross Sections in PVC