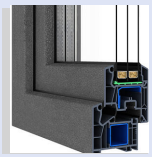
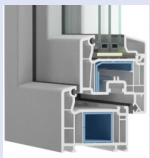
DAKO®

SCENIC WINDOW COMPANY LLC

QUICK COMPARISON OF UPVC SERIES

4 THERMAL INSERTS

FEATURES: / SYSTEMS	* DPQ-82 thermoSecure	*DPQ-82	DPQ-76	DPP-70
				
STANDARD				
PROFILE				
NUMBER OF CHAMBERS IN FRAME Optimal number of chambers provides better thermal insulation	7	7	5	5
PVC PROFILE THICKNESS Greater profile thickness allows to increase the number of the chambers allowing for better insulated frames.	82 mm	82 mm	76 mm	70 mm
PERIMETER-SEALS Greater amount of seals improves window tightness	3	3	3	2
CONSTRUCTION REINFORCEMENT Reinforcement of PVC profile provides increased stability and protection.	full steel in frame	full steel in frame	full steel in frame	full steel in frame
HANDLE				
HANDLE TYPE Solid handles available in a range of styles and colors	Secustik	standard, made of aluminium	standard, made of aluminium	standard, made of aluminium
STANDARD GLASS PACKET				
TYPE OF GLASS PACKET Greater the number of chambers in glass packet provides better thermal insulation	3-glass packet, 4x18x4x18x4 with Chroma-tech warm-edge spacer	3-glass packet 4x18x4x18x4	3-glass packet 4x14x4x14x4	3-glass packet 4x14x4x14x4
U VALUE - GLASS & FRAME * Lower U value number, the better the thermal insulation	.13 - Fixed .14 - operable	.14 - Fixed .16 - operable	.16 - Fixed .17 - operable	.16 - Fixed ** .18- operable
SPACE BETWEEN GLASS Filled with Argon gas . Krypton gas available	✔	✔	✔	✔
STANDARD HARDWARE				
STANDARD HARDWARE Commercial grade hardware, long-lasting and secure.	Standard Plus	Standard	Standard	Standard
OPTIONS				
OPTIONAL HARDWARE OPERATIONS				
SLOT VENTILATION	✔	✔	✔	✔
INVISIBLE HINGES	✔	✔	✔	✔
TILT FIRST	✔	✔	✔	✔
CHOSEN ENERGY EFFICIENT SPECIAL GLASSES				
3-glass packet 4/14/4/14/4 Increased thermal insulation (U_g = 0,6 W/m²K)	✔	✔	✔	✔
3-glass packet 44.4/14/4/14/4 Security and protection (U_g = 0,6 W/m²K)	✔	✔	✘	✘
3-glass packet 4/14/4/14/33.1 Warmth and security (U_g = 0,6 W/m²K)	✔	✔	✘	✘
3-glass packet 44.2/12/6/12/6 Silence and security (U_g = 0,7 W/m²K)	✔	✔	✘	✘
4-glass packet 4/12/4/12/4/12/4 Maximum energy saving (U_g = 0,3 W/m²K)	✔	✔	✘	✘

✔ - standard ✘ - unavailable

* U values converted from EU testing divided by 5.678
** DPP-70 is NFRC tested

* DPQ-82 Series available with exterior aluminum cladding in custom colors

413.774.9946
www.scenicwindowcompany.com
info@scenicwindowcompany.com

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QUICK COMPARISON OF aluminum SERIES

4 THERMAL INSERTS

FEATURES: / SYSTEM		DA-90 Thermo	DA-77	DA-70	DA-45
STANDARD					
PROFILE					
NUMBER OF CHAMBERS IN FRAME Optimal number of chambers provides better thermal insulation		3 + Thermo	4	3	1
PROFILE THICKNESS - SASH/FRAME Greater profile thickness allows to increase the number of the chambers allowing for better insulated frames.		99/90mm	86/77mm	79/70mm	54/45mm
PERIMETER-SEALS Greater amount of seals improves window tightness		3	2	2	2
WIDTH OF THERMAL SEPARATION Reinforcement of PVC profile provides increased stability and protection.		45mm	43mm	34mm	-
HANDLE					
HANDLE TYPE Solid handles available in a range of styles and colors		standard, made of aluminium	standard, made of aluminium	standard, made of aluminium	standard, made of aluminium
STANDARD GLASS PACKET					
TYPE OF GLASS UNIT Greater the number of chambers in glass packet provides better thermal insulation.		Triple pane 4x18x4x18x4 with warm-edge spacer	Triple pane 4x18x4x18x4	Triple pane 4x18x4x18x4	Single pane 4mm
U VALUE - GLASS & FRAME * Lower U value number, the better the thermal insulation		.13 - Fixed .14 - operable	.15 - Fixed .16 - operable	.17 - Fixed .19 - operable	
SPACE BETWEEN GLASS Filled with Argon gas . Krypton gas available		✓	✓	✓	✓
STANDARD HARDWARE					
STANDARD HARDWARE Commercial grade hardware, long-lasting and secure.		Standard Plus	Standard	Standard	Standard
OPTIONS					
OPTIONAL HARDWARE OPERATIONS					
INVISIBLE HINGES		●	✓	✓	●
CHOSEN ENERGY EFFICIENT SPECIAL GLASSES					
3-glass packet 4/18/4/18/4 Increased thermal insulation	(U_g = 0,6 W/m²K)	●	●	●	✗
3-glass packet 44.4/14/4/14/4 Security and protection	(U_g = 0,6 W/m²K)	✓	✓	✓	✗
3-glass packet 4/14/4/14/33.1 Warmth and security	(U_g = 0,6 W/m²K)	✓	✓	✓	✗
3-glass packet 44.2/12/6/12/6 Silence and security	(U_g = 0,7 W/m²K)	✓	✓	✓	✗
4-glass packet 4/12/4/12/4/12/4 Maximum energy saving	(U_g = 0,3 W/m²K)	✓	✓	✓	✗

✓ - standard ● - optional ✗ - unavailable

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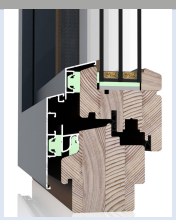
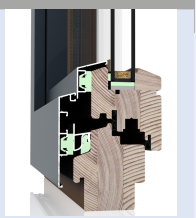
QUICK COMPARISON OF wood SERIES

PROFILE / SYSTEM	DDA 78 **	DDF-92 AL	 DDF-78 AL	 DDF-68 AL
STANDARD				
PROFILE				
PROFILE THICKNESS Greater profile thickness provides better thermal insulation	78 mm	92 mm	78 mm	68 mm
PERIMETER-SEALS Higher number of seals improves window tightness	3	3	3	3
HANDLE				
HANDLE TYPE Solid handles available in a range of styles and colors	standard, made of aluminium	standard, made of aluminium	standard, made of aluminium	standard, made of aluminium
STANDARD GLASS PACKET				
GLASS PACKET Higher number of chambers in the glazing unit provides better thermal insulation	3-glass panes, 4x14x4x14x4	3-glass panes 4x16x4x16x4	3-glass panes 4x14x4x14x4	2-glass packet 4x16x4
U VALUE - GLASS & FRAME * Lower U value number, the better the insulation	.15 - Fixed .16 - operable	.13 - Fixed .14 - operable	.15 - Fixed .16- operable	.25 - Fixed .26- operable
SPACE BETWEEN GLASS Filled with Argon gas . Krypton gas available	✔	✔	✔	✔
STANDARD HARDWARE				
STANDARD HARDWARE Commercial grade hardware, long-lasting and secure.	Standard	Standard	Standard	Standard
OPTIONS				
CHOSEN SPECIAL FITTINGS				
TILT FIRST	●	●	●	●
INVISIBLE HINGES	●	●	●	●
CHOSEN ENERGY EFFICIENT SPECIAL GLASSES				
3-glass packet 4/18/4/18/4 Warmth and extra lighting (U_g = 0,6 W/m²K)	✕	●	✕	✕
3-glass packet 44.4/14/4/14/4 Security and protection (U_g = 0,6 W/m²K)	✕	●	✕	✕
3-glass packet 4/14/4/14/33.1 Warmth and security (U_g = 0,6 W/m²K)	●	●	●	✕
3-glass packet 44.2/12/6/12/6 Silence and security (U_g = 0,7 W/m²K)	●	●	●	✕
4-glass packet 4/12/4/12/4/12/4 Maximum energy saving (U_g = 0,3 W/m²K)	✕	●	✕	✕

✔ - standard ● - optional ✕ - unavailable

* U values converted from EU testing divided by 5.678

** DDA78 profile available in 9 exterior styles

www.scenicwindowcompany.com
info@scenicwindowcompany.com

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SCENIC WINDOW COMPANY LLC

www.scenicwindowcompany.com
www.dako.eu/en

info@scenicwindowcompany.com
(413) 774-9946