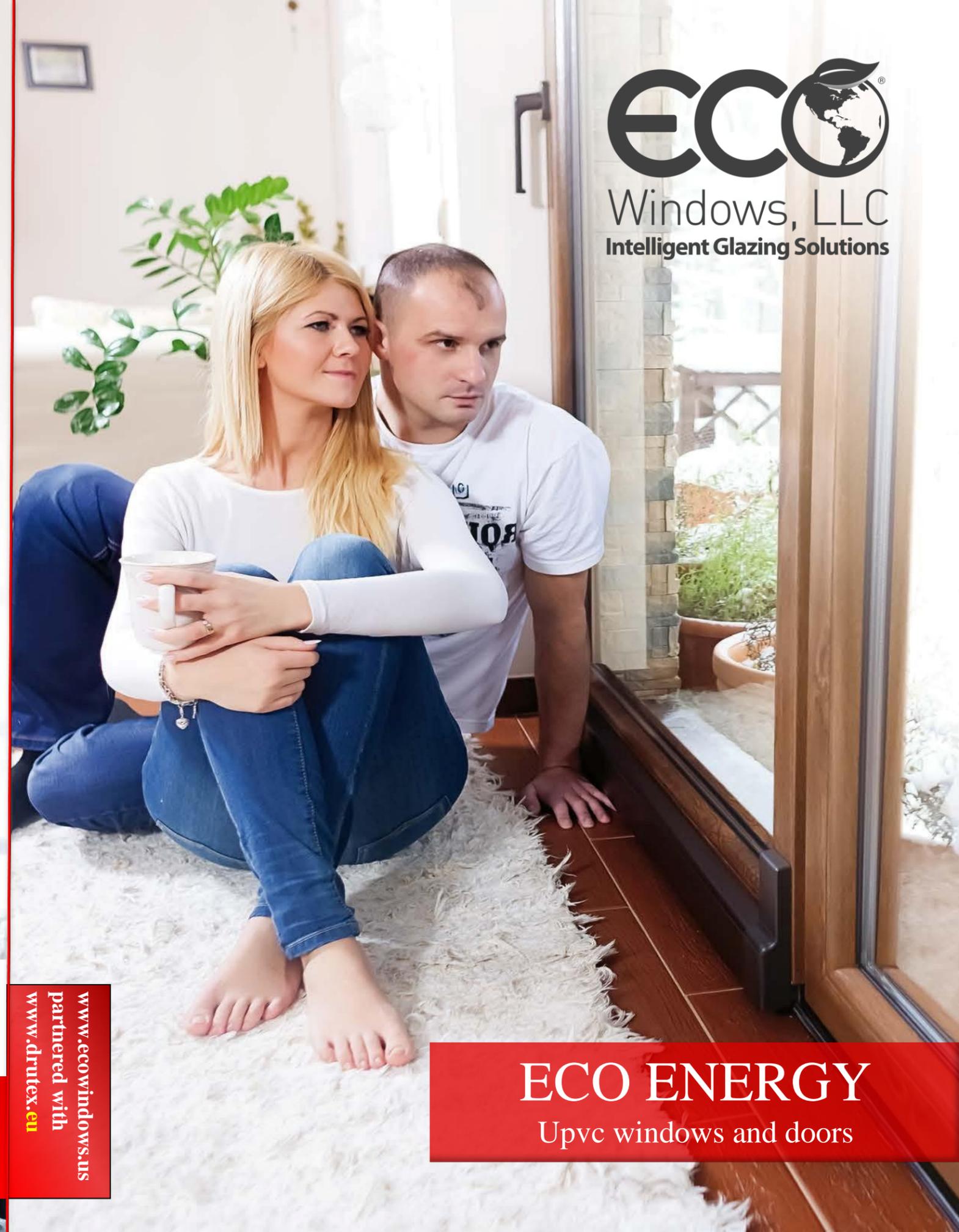
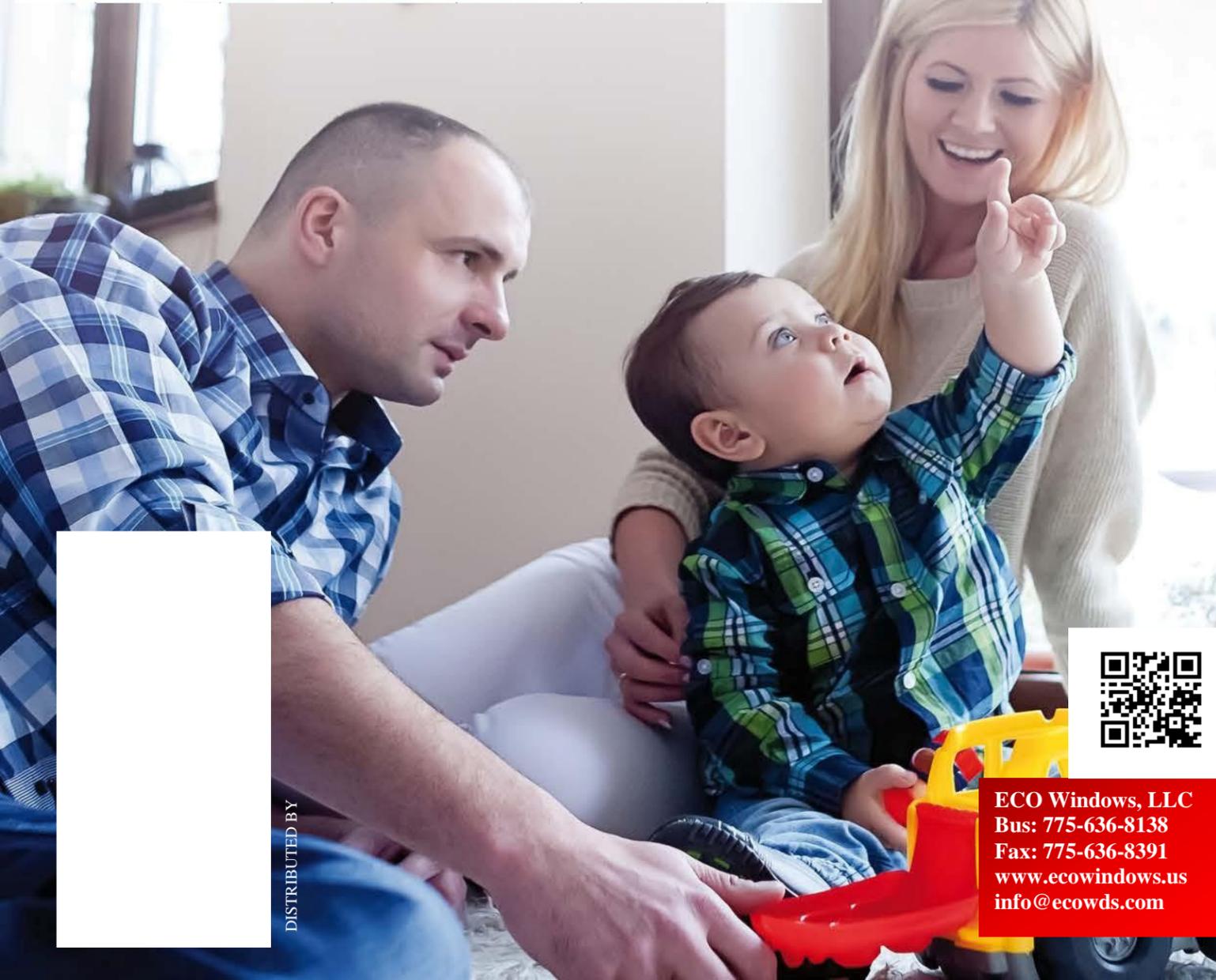


white FX Renolit 915205168	creme Renolit 1137905	grey Renolit 715505	antracyt Renolit 1701605	brillant blue Renolit 1500705	steel blue Renolit 1515005
fair green Renolit 611005	dark green Renolit 612505	palisander Renolit 851805	dark red Renolit 308105	middle brown Renolit 809905	chocolate brown Renolit 887505
moss green Renolit 1600505	natura oak Renolit 3118076	special oak Renolit 2052090	oregon Renolit 2115008	daglezja Renolit 3152009	golden oak Renolit 2178001
mahogany Renolit 2097013	nut Renolit 2178007	dark oak Renolit 2052089	macore Renolit 3162002	shogun AF Renolit 49198	winchester XA Renolit 49240015
quarz grey	basalt grey	quarz grey	basalt grey	anthracite	Aluminium Brush Effect



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Intelligent Glazing Solutions

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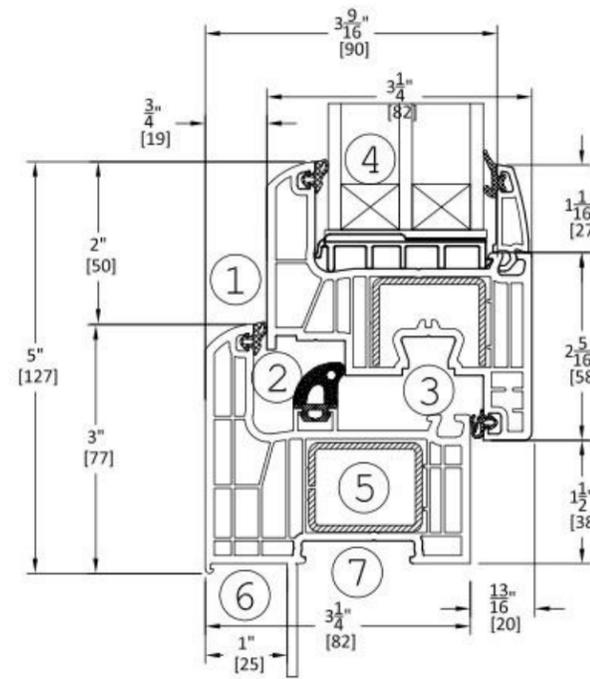
ECO ENERGY
Upvc windows and doors



ECO Energy Classic Sash



ECO Energy Enhanced Sash



ECO ENERGY - NEW NAILFIN FRAME
 - REGULAR SASH
 - 7 AIR CHAMBERS
 - TRIPLE GASKETS
 - BETTER STC RATING
 - BETTER U-VALUE
 - GLASS IG UP TO 1-7/8" THICK
 - BEST SYSTEM ON THE MARKET

- ① ECO ENERGY - NEW NAILFIN FRAME 3-1/3" DEPTH
- ② PATENTED FOAM EPDM MIDDLE GASKET WITH THE LOWEST HEAT TRANSFER COEFFICIENT OF U-VALUE OF 0.10 (R10)
- ③ CUTTING-EDGE HARDWARE MACO MULTIMATIC KS WITH TWO PIVOT BOLTS FOR INCREASED SECURITY AND PERFORMANCE AROUND THE WHOLE PERIMETER OF THE WINDOW
- ④ NEW 1-7/8" GLAZING POCKET ALLOWS FOR SINGLE, DOUBLE, TRIPLE AND QUADRUPLE GLASS UNITS. STC 37 FOR STANDARD WINDOW - MAXIMUM U-VALUE OF 0.105 (R10)
- ⑤ LARGE CENTRAL CHAMBER ALLOWS FOR HEAVY STATIC REINFORCEMENT (FOR MAXIMUM THERMAL RESULTS FIBERGLASS REINFORCEMENT IS AVAILABLE)
- ⑥ FIRST ON THE MARKET STUCCO/CALKING KEY
- ⑦ DEDICATED RECESSED INSTALLATION STRAP AND ACCESSORY GROOVE

Technical Information	ECO Energy	ECO Energy SGD	ECO Swing Door
Frame Width x Height	3-1/4" x 3"	3-1/4" x 3"	3-7/16" - 3-1/8"
Sash Width x Height	3-1/4"	3-1/4"	3-7/16" - 3-1/8"
Glazing Range	1/4" - 1-7/8"	1/4" - 1-7/8"	1/4" - 1-7/8"
T-Mullion Section Width	5-7/8" - 7-1/8"	5-7/8" - 7-1/8"	-
Configurations	Fixed, Casement, Hopper, Tilt & Turn	Tilt & Slide Lift & Side, Bifold	Inswing & Outswing OX & XX
Performance			
Air Infiltration	0.1 cfm/ft2	0.1 cfm/ft2	0.2 cfm/ft2
Best U-Value	0.10	0.10	0.20
Water Intrusion	15 psf	15 psf	12.5 / 6 (ADA) psf
Acoustical Rating STC	STC 45	STC 45	STC 45



ECO Windows specializes in importing and manufacturing premium quality uPVC, high performance tilt and turn windows and doors. Known as European windows because of their functionality, tilt and turn windows open in two directions. They tilt open from the top to let in fresh air and they swing open to the interior, making them easy to clean and maintain from the inside. Our proprietary custom designed 3-1/4" multi-chamber frame makes ECO Energy windows one of the most energy efficient on the market, with U-value of up to 0.10 (R10). Unlike many other windows, the heavy gauge vinyl extrusions are designed with seven internal chambers formed by vertical interior and exterior vinyl walls.

Exterior walls are designed to meet impact and weathering performance while steel supported interior walls are added for structural integrity, weld strength at the corners, and thermal insulation performance. The result is a water tight joint that gains its superior strength from the entire cross section of the profile instead of mechanically connected points. Strength test conducted on those joints have shown that welded window systems have superior strength over mechanically fastened sashes and frames. This European design utilizes triple seal compression with overlapping sash and frame, which greatly reduces air, water and sound infiltration. Because the tilt and turn window is made of vinyl and has fusion

welded corners, it will never split, gap, or warp. The tilt and turn windows provide ventilation through advanced European hardware system or trickle ventilation. Since these are ventilating units, the HVAC system is no longer the only means of providing air exchange thereby creating a healthier indoor environment. In the tilt position an opening of 6" on top allows fresh air to enter the room without creating a draft, and allows stale air to leave while preventing moisture from entering the room (even in rain). A healthy room climate is important for one's physical wellbeing. In well ventilated rooms, one feels fresher, more able-bodied, and has the ability to concentrate better.

Breathing in fresh air simply does one good. Energy use is more critical now than ever. In addition to lowering your heating and cooling bills, convenient ventilation and ease of cleaning the ECO Windows tilt and turn windows and doors offer protection from high winds, storms, noise and intruders. The uPVC's exceptional performance can further help you score LEED points in the Energy & Atmosphere, Materials & Resources and Indoor Environmental Quality categories. ECO Windows tilt and turn windows and doors are Energy Star rated, AAMA and NFRC tested, conserve resources and preserve landmark buildings.