

ROYAL BANK OF CANADA
 Form FWP
 January 02, 2018

Filed Pursuant to Rule 433

Registration Statement No. 333-208507

GLOBAL EQUITY LINKED PRODUCTS Guarded Growth: Barrier Enhanced Return Notes What are the key features of Barrier Enhanced Return Notes? Contingent protection against a market correction of usually 25-50% (Barrier Percentage), depending on the terms of the note and subject to the credit risk of the issuer¹ Upside outperformance in moderately bullish or bullish return environments through enhanced participation Senior unsecured debt issued by Royal Bank of Canada (RBC) Flexibility to be linked to the performance of a broad-based benchmark equity index (the “underlying index”), such as the S&P 500® Index, and/or other underlying indexes, sectors and single stocks Complement or an alternative to traditional equity investments such as ETFs and mutual funds for their potential for outperformance in moderately bullish or bullish return environments Ability to include other features, such as a “Booster”, absolute return, or greater enhanced participation (subject to a cap) Why would an investor purchase Barrier Enhanced Return Notes? An investor would allocate a portion of their diversified portfolio to Barrier Notes if they: Are concerned about a market decline and want to eliminate their exposure down to a specified negative performance of the underlying index Want enhanced participation in market gains with the potential to outperform, depending on the terms of the note **BARRIER ENHANCED RETURN NOTES - PAYOFF PROFILE AT MATURITY** Are comfortable with full principal at risk should the return of the underlying index be negative by more than the Barrier Percentage at the maturity of the note Are interested in an investment that may generate long-term capital gain or loss for U.S. federal income tax purposes if they hold the note for more than one year Are comfortable with assuming the credit risk of the issuer, Royal Bank of Canada Are comfortable with holding the notes until their stated maturity **Selected Risk Factors** Potential Loss of Principal: Investors will lose some or all of their initial investment if the return of the underlying index is below the Barrier Percentage at maturity No Dividends: Investors do not receive dividends paid by the underlying index or its constituent stocks Limited Secondary Markets: Notes may have a limited or no secondary market. Prior to maturity, the price at which the notes can be sold, if at all, may be at a substantial discount from the principal amount Credit Risk: Notes are senior, unsecured debt of the issuer and, as such, any market-linked return and payments at maturity are subject to issuer’s credit risk Complex Investments: Notes have some complex features and may not be suitable for all investors The following illustrates the hypothetical payouts of a Barrier Enhanced Return Note linked to an underlying index and assumes a 30% barrier and 150% participation.

Example	Redemption at Maturity	Participation	Issuer	Term	Underlying Benchmark Equity Index	Barrier Percentage	Underlying Performance	Barrier Percentage	Underlying Performance	Upside Participation	Redemption at Maturity
1	150%	Hypothetical	Royal Bank of Canada	5 Years		30%		30%			
2	100%					30%	-15%	0%	-25%	0%	Barrier Protection
3	100%					30%	-30.01% to -100%	-31%	-31%	-51%	-51%
1:1	loss from initial level										
3	Upside outperformance										

 *Note redemption at maturity equals invested principal increased or reduced by the Note Return These examples are provided for illustrative purposes only. They should not be taken as an indication or prediction of future investment results and are intended merely to illustrate the impact that various return scenarios could have on an investor's return at maturity, assuming all other variables remain constant. The actual performance of the note may bear little relation to the examples shown.

RBC CAPITAL MARKETS About Royal Bank of Canada (RBC) 5th largest bank in N. America, by market capitalization² Well-diversified, global financial institution with over 80,000 employees in 40+ countries servicing over 16 million clients Approximately US\$960 billion in total assets³ One of the highest rated banks globally (S&P AA- / Moody's A1)⁴ Selected Risk Factors GUARDED GROWTH: BARRIER ENHANCED RETURN NOTES

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Therefore, the estimated initial value (EIV) of a Note on the issue date will be less than the issue price that an investor pays for the Note. Any EIV of a Note does not represent RBC's estimate of the future value of the Note, or any price for which an investor may be able to sell it. The Notes will not be listed on any securities exchange. RBC and its affiliates are not obligated to maintain a secondary market and may cease market-making activities at any time. Any secondary market may not provide significant liquidity or trade at prices advantageous to the investor. The return on the Notes may be lower than the return investors could earn on other investments during the same term. The return on the Notes may be less than the return investors could earn if it bought a conventional debt security of RBC. Investing in the Notes is not the same as owning the components of the underlying index or a security directly linked to the underlying index or its components. 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The Notes have complex features and may not be suitable for all investors. rbccm.com (1) As of November 17, 2017 actual terms may vary depending on market conditions (2) US\$109 billion, as of July 31, 2017, per International Financial Reporting Standards (IFRS) (3) As of July 31, 2017 (4) A credit rating reflects the creditworthiness of RBC is not a recommendation to buy, sell or hold the notes, and may be subject to revision or withdrawal at any time by the assigning rating organization. The ratings do not provide an indication of the expected performance of the notes. The notes themselves will not be independently rated. Each rating should be evaluated independently of any other rating. The information contained herein has been compiled from sources believed to be reliable by RBC Capital Markets or any of its businesses. Neither RBC Capital Markets nor any of its businesses or representatives has undertaken any independent review or due diligence of such sources. 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