



U.S. EQUITY ETF

RBC QUANT U.S. DIVIDEND LEADERS ETF

December 31, 2017

Portfolio Manager RBC Global Asset Management Inc. ("RBC GAM")

The Board of Directors of RBC Global Asset Management Inc. approved this annual management report of fund performance on March 8, 2018.

A Note on Forward-looking Statements

This report may contain forward-looking statements about the ETF, its future performance, strategies or prospects, and possible future ETF action. The words "may," "could," "should," "would," "suspect," "outlook," "believe," "plan," "anticipate," "estimate," "expect," "intend," "forecast," "objective" and similar expressions are intended to identify forward-looking statements.

Forward-looking statements are not guarantees of future performance. Forward-looking statements involve inherent risks and uncertainties, both about the ETF and general economic factors, so it is possible that predictions, forecasts, projections and other forward-looking statements will not be achieved. We caution you not to place undue reliance on these statements as a number of important factors could cause actual events or results to differ materially from those expressed or implied in any forward-looking statement made in relation to the ETF. These factors include, but are not limited to, general economic, political and market factors in Canada, the United States and internationally, interest and foreign exchange rates, global equity and capital markets, business competition, technological changes, changes in laws and regulations, judicial or regulatory judgments, legal proceedings and catastrophic events.

The above list of important factors that may affect future results is not exhaustive. Before making any investment decisions, we encourage you to consider these and other factors carefully. All opinions contained in forward-looking statements are subject to change without notice and are provided in good faith but without legal responsibility.

This annual management report of fund performance ("MRFP") contains financial highlights but does not contain the complete annual financial statements of the ETF. You can get a copy of the financial statements at your request, and at no cost, by calling 1-855-RBC-ETFs (722-3837), by writing to us at RBC Global Asset Management Inc., P.O. Box 7500, Station A, Toronto, Ontario M5W 1P9, or by visiting our website at www.rbcgam.com/etf/reports or SEDAR at www.sedar.com. Security holders may also contact us using one of these methods to request a copy of the ETF's proxy voting policies and procedures, proxy voting disclosure record, or quarterly portfolio disclosure.



MANAGEMENT DISCUSSION OF FUND PERFORMANCE

Investment Objective and Strategies

The ETF seeks to provide unitholders with exposure to the performance of a diversified portfolio of high-quality U.S. dividend-paying equity securities that will provide regular income and that have the potential for long-term capital growth.

Portfolio securities for the RBC Quant U.S. Dividend Leaders ETF will be selected using a rules-based, multifactor investment approach that considers a company's balance sheet strength, the stability and sustainability of its dividend payout and its ability to grow dividends in the future. Securities are weighted in accordance with a modified capitalization weighting methodology designed to reduce the dispersion of weights between larger and smaller capitalization companies. The portfolio holdings will be reconstituted and rebalanced initially on a quarterly basis. The frequency of the reconstitution and rebalancing may change without notice.

Risk

There were no significant changes to the ETF that materially affected the ETF's overall level of risk during the reporting period. The risks of investing in the ETF and the suitability of the ETF for investors remain as discussed in the Prospectus.

Results of Operations

The ETF's net asset value rose to \$451 million as of December 31, 2017, from \$370 million at the end of 2016. The increase was due to a combination of net inflows and investment returns.

Over the past year, the ETF's units gained 9.2%, which underperformed the 13.4% rise in the benchmark. The broad-based index rose 14.1%. The ETF's return is after the deduction of fees and expenses, while benchmark and broad-based index returns do not include any costs of investing. See the Financial Highlights section for the management expense ratios and the Past Performance section for the returns of the ETF.

The ETF's relative exposure to Wal-Mart Stores, Texas Instruments and McDonald's had the most positive impact on the ETF's returns, while Apple, Amazon and Facebook were negative for performance. The ETF had the highest relative exposure to Verizon Communications, Texas Instruments and International Business Machines, and the smallest relative exposure to Facebook, Berkshire Hathaway and Amazon.

At the sector level, the ETF had the highest relative weightings in Utilities, Consumer Staples and Real Estate, and the lowest relative exposure to Information Technology, Consumer Discretionary and Financials.

Recent Developments

The portfolio manager has no recent developments to report.

Related-Party Transactions

Manager, Trustee and Portfolio Manager

RBC GAM is an indirect, wholly owned subsidiary of Royal Bank of Canada ("Royal Bank") and is the manager, trustee and portfolio manager of the ETF. RBC GAM is responsible for the ETF's day-to-day operations, holds title to the ETF's property on behalf of its unitholders, and provides investment advice and portfolio management services to the ETF. RBC GAM is paid a management fee by the ETF as compensation for its services. The management fee is calculated and accrued on a daily basis and is based on a percentage of the net asset value of the ETF.

RBC GAM or its affiliates may earn fees and spreads in connection with various services provided to, or transactions with, the ETF, such as banking, brokerage, securities lending, foreign exchange and derivatives transactions. RBC GAM or its affiliates may earn a foreign exchange spread when unitholders buy and sell ETF units denominated in different currencies. The ETF may also maintain bank accounts and overdraft provisions with Royal Bank for which Royal Bank may earn a fee. Affiliates of RBC GAM that provide services to the ETF in the course of their normal businesses are discussed below.

Custodian and Valuation Agent

RBC Investor Services Trust ("RBC IS") is the custodian and valuation agent and holds the assets of the ETF and provides administrative services to the ETF. RBC IS earns a variable fee based on the value of assets under custody and a fixed fee for other valuation and administrative services.

Designated Broker

RBC GAM has entered into an agreement with RBC Dominion Securities Inc., an affiliate of RBC GAM, to act as designated broker and/or authorized dealer for the distribution of units of the ETF, on terms and conditions that are comparable to arm's length agreements in the ETF industry. The material terms and conditions of the agreement have been disclosed in the ETF's Prospectus.

Other Related-Party Transactions

Pursuant to applicable securities legislation, the ETF relied on the standing instructions from the Independent Review Committee with respect to one or more of the following transactions:

Related-Party Trading Activities

- (a) trades in securities of Royal Bank;
- (b) investments in the securities of issuers for which a related-party dealer acted as an underwriter during the distribution of such securities and the 60-day period following the conclusion of such distribution of the underwritten securities to the public;



(c) purchases of debt securities from or sales of debt securities to a related-party dealer, where it acted as principal.

The applicable standing instructions require that Related-Party Trading Activities be conducted in accordance with RBC GAM policy and that RBC GAM advise the Independent Review Committee of a material breach of any standing instruction. RBC GAM policy requires that an investment decision in respect of Related-Party Trading Activities (i) is made free from any influence of Royal Bank or its associates or affiliates and without taking into account any consideration relevant to Royal Bank or its affiliates or associates, (ii) represents the business judgment of the portfolio manager, uninfluenced by considerations other than the best interests of the ETF, (iii) is in compliance with RBC GAM policies and procedures, and (iv) achieves a fair and reasonable result for the ETF.



FINANCIAL HIGHLIGHTS

The following tables show selected key financial information about the ETF and are intended to help you understand the ETF's financial performance for the past five years or for the periods since inception. This information is derived from the ETF's audited annual financial statements. For financial years beginning on or after January 1, 2014, financial highlight information is derived from financial statements prepared in compliance with International Financial Reporting Standards ("IFRS"). For financial years prior to January 1, 2014, financial highlight information is derived from financial statements prepared in accordance with Canadian generally accepted accounting principles ("GAAP"). "Net Assets," for the periods prior to 2014, are calculated in accordance with GAAP, and "Net Asset Value" is derived from the valuation method disclosed in the RBC Funds Annual Information Form and is used for transactional purposes (see Ratios and Supplemental Data). All other calculations for the purposes of this MRFP are made using Net Asset Value. There is no significant difference between "Net Assets" and "Net Asset Value" under IFRS.

Change in Net Assets Per Unit (\$)

| For the Year/ Period Ended | Net Assets Beginning of Year/Period | Increase (Decrease) from Operations ¹ | | | | | Annual Distributions ² | | | | Net Assets End of Year/Period | |
|-------------------------------|--|--|-------------------|-------------------------------|---------------------------------|-------------|--|-------------------|--------------------------|----------------------|-------------------------------------|--------------|
| | | Total Revenue (Loss) | Total Expenses | Realized Gains (Losses) | Unrealized Gains (Losses) | Total | From Income (Excluding Dividends) | From Dividends | From Capital Gains | Return of Capital | | |
| Dec. 31, 2017 | 29.93 | 0.79 | (0.14) | 1.66 | 0.45 | 2.76 | – | (0.68) | (1.14) | – | (1.82) | 31.98 |
| Dec. 31, 2016 | 26.69 | 0.76 | (0.12) | 1.21 | 2.19 | 4.04 | – | (0.60) | (0.92) | – | (1.52) | 29.93 |
| Dec. 31, 2015 | 23.79 | 0.89 | (0.25) | 1.41 | 1.11 | 3.16 | – | (0.59) | (1.26) | – | (1.85) | 26.69 |
| Dec. 31, 2014 ³ | 20.00 [†] | 0.88 | (0.23) | 0.47 | 3.91 | 5.03 | – | (0.37) | (0.27) | (0.01) | (0.65) | 23.79 |

¹ Net assets and distributions are based on the actual number of units outstanding at the relevant time. The increase/decrease from operations is based on the weighted average number of units outstanding over the financial period. This table is not intended to be a reconciliation of beginning to ending net assets per unit.

² Distributions are either paid in cash, reinvested in additional units of the ETF, or both.

³ From January 15, 2014.

[†] Initial offering net asset value per unit.

Ratios and Supplemental Data

| As at | Net Asset Value (\$000s) | Number of Units Outstanding (000s) | Management Expense Ratio (%) ¹ | MER Before Absorption (%) ¹ | Trading Expense Ratio (%) ² | Portfolio Turnover Rate (%) ³ | Net Asset Value Per Unit (\$) | Closing Market Price (\$) |
|----------------------------|-----------------------------|---------------------------------------|--|---|---|---|----------------------------------|------------------------------|
| Dec. 31, 2017 | 450 920 | 14 100 | 0.43 | 0.43 | 0.02 | 70.75 | 31.98 | 32.12 |
| Dec. 31, 2016 | 369 577 | 12 350 | 0.43 | 0.43 | 0.03 | 68.57 | 29.93 | 29.96 |
| Dec. 31, 2015 | 250 912 | 9 400 | 0.43 | 0.43 | 0.05 | 110.87 | 26.69 | 26.64 |
| Dec. 31, 2014 ⁴ | 132 021 | 5 550 | 0.44 | 0.44 | 0.01 | 47.29 | 23.79 | 23.95 |

¹ The management expense ratio ("MER") is based on expenses for the stated period, excluding commissions and other portfolio transaction costs, and is expressed as an annualized percentage of the daily average net asset value during the period. RBC GAM may, at its discretion and without notice to unitholders, waive or absorb certain operating expenses. MER includes the waiver or absorption by RBC GAM of certain operating expenses, while the MER before absorption shows the MER prior to operating expenses being waived or absorbed by RBC GAM.

² The trading expense ratio represents total commissions and other portfolio transaction costs expressed as an annualized percentage of daily average net asset value during the period. The trading expense ratio is not applicable to fixed-income transactions.

³ The ETF's portfolio turnover rate gives an indication of the level of activity employed by the portfolio manager. A portfolio turnover rate of 100% is equivalent to the ETF buying and selling all of the securities in its portfolio once in the course of the year. The higher the ETF's portfolio turnover rate in a year, the greater the trading costs payable by the ETF in the year, and the greater the chance of an investor receiving taxable capital gains in the year. There is not necessarily a relationship between a high turnover rate and the performance of the ETF.

⁴ From January 15, 2014.

Management Fees

RBC GAM is the manager, trustee and portfolio manager of the ETF. The management fee of the ETF is calculated at the annual percentage, before GST/HST, of the daily net asset value of the ETF.

| | Management Fees |
|-------------------------------------|-----------------|
| RBC Quant U.S. Dividend Leaders ETF | 0.39% |



PAST PERFORMANCE

The performance information shown assumes that all distributions made by the ETF in the periods shown were reinvested in additional units of the ETF and would be lower if distributions were not reinvested. The performance information does not take into account sales, redemption, distribution, optional charges or income taxes payable that would have reduced returns or performance. Past performance does not necessarily indicate how the ETF may perform in the future. A fund with more than 10 years of performance history is only permitted to disclose the past 10 years.

Year-by-Year Returns (%)

The bar chart indicates the ETF's performance for each of the years shown, and illustrates how the ETF's performance has changed from year to year. The bar chart shows, in percentage terms, how much an investment made on the first day of each financial year would have grown or decreased by the end of the financial year.



Annual Compound Returns (%)

The table shows the annual compound returns of the ETF for each of the periods indicated ended on December 31, 2017, compared with the following benchmarks:

S&P Composite 1500 Total Return Index (CAD)

The broad-based index is the S&P 500 Total Return Index (CAD).

| | Past Year | Past 3 Years | Past 5 Years | Past 10 Years | Since Inception |
|-------------------|-----------|--------------|--------------|---------------|-----------------|
| ETF | 9.2 | 13.0 | — | — | 14.8 |
| Benchmark | 13.4 | 14.4 | — | — | 15.9 |
| Broad-based index | 14.1 | 14.4 | — | — | 16.1 |

The Benchmark and broad-based index returns do not include any costs of investing. See Management Discussion of Fund Performance for a discussion of performance relative to the Benchmark and broad-based indexes.

The ETF's units have been available for sale to unitholders since January 15, 2014.

Inception dates are not provided for Funds that have been in existence for more than 10 years.

INDEX DESCRIPTIONS

S&P Composite 1500 Total Return Index (CAD) This index combines the S&P 500, the S&P 400 and the S&P 600 to cover approximately 90% of the U.S. stock-market capitalization. It is designed for investors seeking to replicate the performance of the U.S. equity market.

S&P 500 Total Return Index (CAD) This index is a capitalization-weighted index measuring the Canadian dollar performance of 500 widely held common stocks representing all major industries in the United States. The index gives investors a broad measure of the overall performance of the U.S. stock market.

SUMMARY OF INVESTMENT PORTFOLIO

(after consideration of derivative products, if any)

As at December 31, 2017

Investment Mix

| | % of Net Asset Value |
|----------------------------|----------------------|
| United States Equities | |
| Information Technology | 14.5 |
| Financials | 13.4 |
| Industrials | 12.0 |
| Consumer Staples | 11.7 |
| Health Care | 11.4 |
| Consumer Discretionary | 9.0 |
| Energy | 8.4 |
| Utilities | 6.2 |
| Real Estate | 5.9 |
| Telecommunication Services | 3.7 |
| Materials | 3.5 |
| Other Net Assets | 0.3 |

Top 25 Holdings

| | % of Net Asset Value |
|----------------------------------|----------------------|
| Verizon Communications Inc. | 2.8 |
| Microsoft Corp. | 2.7 |
| Cisco Systems Inc. | 1.9 |
| Exxon Mobil Corp. | 1.7 |
| International Business Machines | 1.6 |
| Texas Instruments Inc. | 1.5 |
| Johnson & Johnson | 1.5 |
| PepsiCo Inc. | 1.5 |
| Philip Morris International Inc. | 1.4 |
| Wal-Mart Stores, Inc. | 1.4 |
| The Coca-Cola Co. | 1.4 |
| Altria Group Inc. | 1.4 |
| McDonald's Corp. | 1.3 |
| Pfizer Inc. | 1.2 |
| Automatic Data Processing Inc. | 1.2 |
| Schlumberger Ltd. | 1.1 |
| Starbucks Corp. | 1.1 |
| AbbVie Inc. | 1.1 |
| Merck & Co. Inc. | 1.1 |
| Colgate-Palmolive Company | 1.1 |
| ConocoPhillips | 1.0 |
| Walgreens Boots Alliance Inc. | 1.0 |
| Amgen Inc. | 1.0 |
| TE Connectivity Ltd. | 1.0 |
| Medtronic Plc. | 1.0 |
| Top 25 Holdings | 35.0 |

The Summary of Investment Portfolio may change due to ongoing portfolio transactions of the ETF and a quarterly update is available at www.rbcgam.com/etfs.