ROYAL BANK OF CANADA
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December 31, 2018

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Royal Bank of Canada
$70,000
Market Linked Securities—Leveraged Upside Participation to a Cap and Contingent Downside
Principal at Risk Securities Linked to the iShares® MSCI Emerging Markets ETF, due January 3, 2022

The securities described in this pricing supplement are issued by Royal Bank of Canada (Royal Bank of Canada or the Issuer), and are Senior Global Medium-Term Notes, Series H of the Issuer, as described in the prospectus supplement and prospectus each dated September 7, 2018.

Agent:	Wells Fargo Securities, LLC. The agent may make sales through its affiliates or selling agents.
Principal Amount:	Each security will have a principal amount of $1,000. The securities are not principal-protected. You may lose up to 100% of the principal amount of the securities.
Pricing Date:	December 27, 2018
Original Issue Date:	January 2, 2019
Valuation Date:	December 27, 2021, subject to postponement as described below.
Maturity Date:	January 3, 2022, subject to postponement as described below.
Interest:	We will not pay you interest during the term of the securities.
Fund:	The return on the securities is linked to the performance of the iShares® MSCI Emerging Markets ETF (Bloomberg symbol: EEM), which we refer to as the Fund.
Payment at Maturity:	The amount you receive at maturity, for each security you own, will depend upon the change in the price of the Fund based on the Final Fund Price relative to the Initial Fund Price, and whether or not the Final Fund Price is below the Threshold Price. (i) If the Final Fund Price is greater than the Initial Fund Price, the maturity payment amount per security will equal the lesser of: (b) the maximum maturity payment amount (ii) If the Final Fund Price is less than or equal to the Initial Fund Price but greater than or equal to the Threshold Price, the maturity payment amount per security will equal $1,000. (iii) If the Final Fund Price is less than the Threshold Price, the maturity payment amount per security will equal: In such a case, if the percentage change of the Fund is negative and less than -25%, you will lose more than 25%, and may lose up to 100%, of your principal.
Maximum Maturity Payment Amount:	$1,450.00 per security
Participation Rate:	150%
Initial Fund Price:	$38.87, which was the fund closing price of the Fund on the pricing date.
Final Fund Price:	The fund closing price of the Fund on the valuation date.

Threshold Price:	$29.1525, which is 75% of the Initial Fund Price.
Listing:	The securities will not be listed on any securities exchange.
CUSIP Number:	78013XTB4

Our initial estimated value of the securities as of the date of this document is $952.68 per $1,000 in principal amount, which is less than the public offering price. The market value of the securities at any time will reflect many factors, cannot be predicted with accuracy, and may be less than this amount. See “Risk Factors” and “Supplemental Plan of Distribution – Structuring the Securities” for further information.

The securities will be unsecured debt obligations of Royal Bank of Canada. Payments on the securities are subject to Royal Bank of Canada’s credit risk. If Royal Bank of Canada defaults on its obligations, you could lose your entire investment. No other company or entity will be responsible for payments under the securities or liable to holders of the securities in the event Royal Bank of Canada defaults under the securities. The securities will not be issued by or guaranteed by Wells Fargo Securities, LLC or any of its affiliates.

The securities will not constitute deposits insured by the Canada Deposit Insurance Corporation, the U.S. Federal Deposit Insurance Corporation (the “FDIC”) or any other Canadian or U.S. government agency or instrumentality. The securities are not subject to conversion into our common shares under subsection 39.2(2.3) of the Canada Deposit Insurance Corporation Act.

For a detailed description of the terms of the securities, see “Summary Information” beginning on page PS-2 and “Specific Terms of the Securities” beginning on page PS-18. Defined terms used in this cover page are defined in “Summary Information” and “Specific Terms of the Securities.”

The securities have complex features and investing in the securities involves risks. See “Risk Factors” beginning on page PS-11 of this document and page S-1 of the accompanying prospectus supplement.

	Per Security	Total
Public Offering Price	$1,000.00	$70,000
Underwriting Discount and Commission (1)	$28.90	$2,023
Proceeds to Royal Bank of Canada	$971.10	$67,977

(1) The agent will receive an underwriting discount and commission of $28.90 per security. Of that underwriting discount and commission, each dealer that sells securities will receive a selling concession of $20.00 for each security that such dealer sells. Such securities dealers may include Wells Fargo Advisors (“WFA”) (the trade name of the retail brokerage business of Wells Fargo Clearing Services, LLC and Wells Fargo Advisors Financial Network, LLC). In addition to the selling concession allowed to WFA, the agent will pay $0.75 per security of the underwriting discount and commission to WFA as a distribution expense fee for each security sold by WFA. See “Use of Proceeds and Hedging” and “Supplemental Plan of Distribution” in this pricing supplement for information regarding how we may hedge our obligations under the securities.

None of the Securities and Exchange Commission, any state securities commission or any other regulatory body has approved or disapproved of the securities or passed upon the adequacy or accuracy of this pricing supplement. Any representation to the contrary is a criminal offense.

Wells Fargo Securities

The date of this pricing supplement is December 27, 2018

SUMMARY INFORMATION

This document is a pricing supplement. This pricing supplement provides specific pricing information in connection with this issuance of securities. This summary includes questions and answers that highlight selected information from this pricing supplement and the accompanying prospectus supplement and prospectus to help you understand the Market Linked Securities Leveraged Upside Participation to a Cap and Contingent Downside Principal at Risk Securities Linked to the iShares® MSCI Emerging Markets ETF, due January 3, 2022 (the securities). You should carefully read this pricing supplement and the accompanying prospectus supplement and prospectus to fully understand the terms of the securities and the tax and other considerations relating to the securities. You should carefully review the section "Risk Factors" in this pricing supplement and the accompanying prospectus supplement and prospectus, which highlight certain risks associated with an investment in the securities, to determine whether an investment in the securities is appropriate for you.

Unless otherwise mentioned or unless the context requires otherwise, all references in this pricing supplement to "Royal Bank of Canada", "we", "us" and "our" or similar references mean Royal Bank of Canada. Capitalized terms used in this pricing supplement without definition have the meanings given to them in the accompanying prospectus supplement and prospectus.

What are the securities?

The securities offered by this pricing supplement will be issued by Royal Bank of Canada and will mature on January 3, 2022. The return on the securities, if any, will be linked to the performance of the iShares® MSCI Emerging Markets ETF, which we refer to as the Fund. The securities will not bear interest and no other payments will be made until maturity. You may lose up to 100% of your investment in the securities.

As discussed in the accompanying prospectus supplement, the securities are debt securities and are part of a series of debt securities entitled "Senior Global Medium-Term Notes, Series H" that Royal Bank of Canada may issue from time to time. The securities will rank equally with all other unsecured and unsubordinated debt of Royal Bank of Canada. For more details, see "Specific Terms of the Securities" beginning on page PS-18.

Each security will have a principal amount of $1,000. Each security will be offered at an initial public offering price of $1,000. However, on the pricing date, our initial estimated value of the securities is less than $1,000 per security as a result of certain costs that are included in the initial public offering price. See "Risk Factors—Our initial estimated value of the securities is less than the initial public offering price" and "Supplemental Plan of Distribution—Structuring the Securities." To the extent a market for the securities exists, you may transfer only whole securities. Royal Bank of Canada will issue the securities in the form of a master global certificate, which is held by The Depository Trust Company, also known as DTC, or its nominee. Direct and indirect participants in DTC will record your ownership of the securities.

Are the securities principal protected?

No, the securities do not guarantee any return of principal at maturity. If the Final Fund Price is less than the Threshold Price, you will have full downside exposure to the decrease in the price of the Fund, and will lose 1% of the principal amount for each 1% that the Final Fund Price is less than the Initial Fund Price. Accordingly, if the Final Fund Price is below the Threshold Price, you will lose more than 25%, and may lose up to 100%, of your principal.

What will I receive upon maturity of the securities?

At maturity, for each security you own, you will receive a cash payment equal to the maturity payment amount. The maturity payment amount to which you will be entitled depends on the percentage change in the price of the Fund calculated based on the Final Fund Price (as defined below) relative to the Initial Fund Price (as defined below), and whether or not the Final Fund Price is below the Threshold Price (as defined below).

The maturity payment amount for each security will be determined by the calculation agent as described below:

- If the Final Fund Price is greater than the Initial Fund Price, the maturity payment amount per security will equal the lesser of:

$$\text{(a) } \$1{,}000 + \left(\$1{,}000 \times \frac{\text{Final Fund Price} - \text{Initial Fund Price}}{\text{Initial Fund Price}} \times \text{Participation Rate}\right)\text{; and}$$

(b) the maximum maturity payment amount

The Participation Rate is 150%. The maximum maturity payment amount is $1,450 per security.

- If the Final Fund Price is equal to or less than the Initial Fund Price, but greater than or equal to the Threshold Price, the maturity payment amount per security will equal $1,000.
- If the Final Fund Price is less than the Threshold Price, the maturity payment amount per security will equal:

$$\$1{,}000 - \left(\$1{,}000 \times \frac{\text{Initial Fund Price} - \text{Final Fund Price}}{\text{Initial Fund Price}}\right)$$

If the Final Fund Price is less than the Threshold Price, the amount you will receive at maturity will be less than the principal amount of the securities, and you will lose more than 25%, and may lose up to 100%, of your principal. If the Final Fund Price is zero, the maturity payment amount will be $0.00 per security, and you will lose 100% of your principal.

The Initial Fund Price is $38.87, which was equal to the fund closing price of the Fund on the pricing date.

The Threshold Price is $29.1525, which is 75% of the Initial Fund Price.

The Final Fund Price will be determined by the calculation agent and will be the fund closing price of the Fund on the valuation date, determined as described in the section "Specific Terms of the Securities".

The valuation date is December 27, 2021, subject to postponement as set forth below.

See "Specific Terms of the Securities—Fund Closing Price", "—Closing Price" and "—Adjustment Factor" for information on determination of the fund closing price on any trading day.

You should understand that the opportunity to benefit from the possible increase in the price of the Fund through an investment in the securities is limited because the amount that you receive at maturity will never exceed the maximum maturity payment amount. The maximum maturity payment amount represents a maximum appreciation on the securities of 45.00% over the principal amount of the securities. If the Final Fund Price is less than the Threshold Price, you will lose 1% of the principal amount for each 1% that the Final Fund Price is less than the Initial Fund Price. Accordingly, if the price of the Fund decreases below the Threshold Price, you will lose more than 25%, and may lose up to 100%, of your principal.

Hypothetical Examples

Set forth below are four hypothetical examples of the calculation of the maturity payment amount based on the following hypothetical prices (the numbers appearing in the examples below have been rounded for ease of analysis):

Hypothetical Initial Fund Price: $100.00

Hypothetical Threshold Price: $75.00

Maximum Maturity Payment Amount: $1,450.00

Example 1—The hypothetical Final Fund Price is 50.00% of the hypothetical Initial Fund Price, which is below the Threshold Price:

Hypothetical Final Fund Price: $50.00

Since the hypothetical Final Fund Price is less than the hypothetical Initial Fund Price and below the hypothetical Threshold Price, the amount you will receive at maturity will be equal to the issue price of $1,000 per security minus $1,000 times the difference between the hypothetical Initial Fund Price and the hypothetical Final Fund Price, divided by the hypothetical Initial Fund Price, and you would lose some of your principal. Since the hypothetical Final Fund Price declined by 50.00% from the hypothetical Initial Fund Price to the hypothetical Final Fund Price, your total cash payment at maturity would be $500.00 per security, representing a 50.00% loss of the principal amount of your securities.

Example 2—The hypothetical Final Fund Price is 95.00% of the hypothetical Initial Fund Price, which is below the Initial Fund Price, but above the Threshold Price:

Since the hypothetical Final Fund Price is less than the hypothetical Initial Fund Price but greater than the hypothetical Threshold Price, the maturity payment amount per security will equal the principal amount of $1,000.00.

Example 3—The hypothetical Final Fund Price is 110.00% of the hypothetical Initial Fund Price:

Hypothetical Final Fund Price: $110.00

$$\text{Maturity payment amount (per security)} = \$1{,}000 + \left(\$1{,}000 \times \left(\frac{\$110.00 - \$100.00}{\$100.00}\right) \times 150\%\right)$$

$$= \$1{,}000 + \$150.00 = \$1{,}150.00$$

Since the hypothetical Final Fund Price is greater than the hypothetical Initial Fund Price, you would receive the principal amount of $1,000 plus 150% times the amount of the percentage change in the price of the Fund times $1,000, subject to the maximum maturity payment amount of $1,450.00. As the calculation of the maturity payment amount without taking into account the maximum maturity payment amount would generate a result of $1,150.00 per security, your maturity payment amount would not be subject to the maximum maturity payment amount of $1,450.00 per security. Your total cash payment at maturity would be $1,150.00 per security, representing a 15.00% total return.

Example 4—The hypothetical Final Fund Price is 140.00% of the hypothetical Initial Fund Price:

Hypothetical Final Fund Price: $140.00

Maturity payment amount (per security) = $1,000 + ($1,000 x		$140.00 – $100.00 $100.00	x 150%)
=	$1,000 +	$600.00 = $1,600.00 > $1,450.00	

Since the hypothetical Final Fund Price is greater than the hypothetical Initial Fund Price, you would receive the principal amount of $1,000 plus 150% times the amount of the percentage change in the price of the Fund times $1,000, subject to the maximum maturity payment amount of $1,450.00. Although the calculation of the maturity payment amount without taking into account the maximum maturity payment amount would generate a result of $1,600.00 per security, your maturity payment amount would be limited to $1,450.00 per security, representing a 45.00% total return, because the payment on the securities at maturity may not exceed the maximum maturity payment amount.

Hypothetical Returns

The following table is based on the maximum maturity payment amount of $1,450.00, and assumes a hypothetical Initial Fund Price of $100.00 and a range of hypothetical Final Fund Prices and illustrates:

- the percentage change from the hypothetical Initial Fund Price to the hypothetical Final Fund Price;
- the hypothetical maturity payment amount per security; and
- the hypothetical pre-tax total rate of return to beneficial owners of the securities.

The figures below are rounded for ease of analysis and are for purposes of illustration only. The actual maturity payment amount will depend on the Final Fund Price as determined by the calculation agent as described in this pricing supplement.

Hypothetical Final Fund Price		Hypothetical Percentage Change from the Hypothetical Initial Fund Price to the Hypothetical Final Fund Price	Hypothetical Maturity Payment Amount per Security(1)	Hypothetical Pre Tax Total Rate of Return on the Securities
$0.00		-100.00%	$0.00	-100.00%
$10.00		-90.00%	$100.00	-90.00%
$30.00		-70.00%	$300.00	-70.00%
$40.00		-60.00%	$400.00	-60.00%
$50.00		-50.00%	$500.00	-50.00%
$60.00		-40.00%	$600.00	-40.00%
$70.00		-30.00%	$700.00	-30.00%
$75.00	(2)	-25.00%	$1,000.00	0.00%
$80.00		-20.00%	$1,000.00	0.00%
$85.00		-15.00%	$1,000.00	0.00%
$90.00		-10.00%	$1,000.00	0.00%
$95.00		-5.00%	$1,000.00	0.00%
$100.00	(3)	0.00%	$1,000.00	0.00%
$105.00		5.00%	$1,075.00	7.50%
$110.00		10.00%	$1,150.00	15.00%
$115.00		15.00%	$1,225.00	22.50%
$120.00		20.00%	$1,300.00	30.00%
$130.00		30.00%	$1,450.00	45.00%
$140.00		40.00%	$1,450.00	45.00%
$150.00		50.00%	$1,450.00	45.00%

(1) Based on the maximum maturity payment amount of $1,450.00.
(2) This is the hypothetical Threshold Price.
(3) This is the hypothetical Initial Fund Price.

The following graph sets forth the return at maturity for a range of hypothetical percentage changes of the Fund price, based on the maximum maturity payment amount of $1,450.00 per $1,000.00 security (45.00% over the principal amount).

Return Profile of Market Linked Securities —Leveraged Upside Participation to a Cap
and Contingent Downside Principal at Risk Securities vs. the Fund

Who should or should not consider an investment in the securities?

We have designed the securities for investors who seek exposure to the Fund, who believe that the Fund price will increase over the term of the securities, and who want to participate in 150% times the possible appreciation of the Fund (measured by the percentage change in the price of the Fund based on the Final Fund Price relative to the Initial Fund Price), subject to the maximum maturity payment amount of 45.00% over the principal amount of the securities; who understand that, if the Final Fund Price is less than the Threshold Price, they will lose money on their investment; and who are willing to hold their securities until maturity. Investors in the securities should be willing to risk up to 100% of their investment.

The securities are not designed for, and may not be a suitable investment for, investors who are unable or unwilling to hold the securities to maturity, who seek principal protection for their investment, who are unwilling to make an investment exposed to downside performance risk of the Fund or who are unwilling to purchase securities with an initial estimated value as of the pricing date that is lower than the initial public offering price. The securities may not be a suitable investment for investors who prefer the lower risk of fixed income investments with comparable maturities issued by companies with comparable credit ratings.

What will I receive if I sell the securities prior to maturity?

The market value of the securities may fluctuate during the term of the securities. Several factors and their interrelationship will influence the market value of the securities, including the price of the Fund, dividend yields of the component common stocks held by the Fund, the time remaining to maturity of the securities, interest rates and the volatility of the Fund. Depending on the impact of these factors, you may receive less than $1,000 per security from any sale of your securities before the maturity date of the securities and less than what you would have received had you held the securities until maturity. Assuming no change in market conditions or other relevant factors, the price, if any, at which you may be able to sell your securities prior to maturity will be less than the initial public offering price and, subject to the discussion regarding secondary market prices during the three months following the original issue date in "Supplemental Plan of Distribution" below, will be less than the initial estimated value of the securities set forth on the cover page. For more details, see "Risk Factors — Many factors affect the market value of the securities" on page PS-12 and "—The price, if any, at which you may be able to sell your securities prior to maturity may be less than the initial public offering price and our initial estimated value" on page PS-15.

What is the Fund?

According to publicly available information, the iShares® MSCI Emerging Markets ETF (the Fund) is an investment fund that is part of iShares® Trust (iShares®) and is managed by BlackRock Fund Advisors (BFA or the Fund Sponsor) and BFA is the Fund's investment adviser. The Fund seeks investment results that correspond generally to the price and yield performance, before fees and expenses, of the MSCI Emerging Markets® Index (the Underlying Index). The Underlying Index is published by MSCI, a majority-owned subsidiary of Morgan Stanley, and is designed to measure equity performance in developed markets, excluding the United States and Canada.

You should be aware that an investment in the securities does not entitle you to any ownership interest in the Fund or in the common stocks of the companies held by the Fund or included in the Underlying Index. For a discussion of the Fund, see "iShares® MSCI Emerging Markets ETF" below.

How has the Fund performed historically?

You can find a graph setting forth the daily closing prices of the Fund for the period from January 1, 2013 to a recent date in the section entitled "iShares® MSCI Emerging Markets ETF— Historical Closing Prices per Share of the Fund" in this pricing supplement. We obtained the historical information from Bloomberg Financial Markets without independent verification. You should not take the past performance of the Fund as an indication of how the Fund will perform in the future.

What are the United States federal income tax consequences of investing in the securities?

The terms of the securities require a holder and us (in the absence of a change in law or an administrative or judicial ruling to the contrary) to treat the securities for all tax purposes as pre-paid cash-settled derivative contracts in respect of the Fund. If the securities are so treated, subject to the potential application of the "constructive ownership" rules under Section 1260 of the Internal Revenue Code of 1986, as amended (the Code), a U.S. holder should generally recognize capital gain or loss upon the sale, exchange or maturity of the securities in an amount equal to the difference between the amount a holder receives at such time and the holder's tax basis in the securities.

Please read carefully the section entitled "Supplemental Discussion of U.S. Federal Income Tax Consequences" in this pricing supplement, the section entitled "Tax Consequences" in the accompanying prospectus and the section entitled "Certain Income Tax Consequences" in the accompanying prospectus supplement. You should consult your tax advisor about your own tax situation.

What are the Canadian federal income tax consequences of investing in the securities?

For a discussion of the Canadian federal income tax consequences of investing in the securities, please read carefully the section entitled "Tax Consequences" in the accompanying prospectus and the section entitled "Certain Income Tax Consequences" in the accompanying prospectus supplement. You should consult your tax advisor about your own tax situation.

Will the securities be listed on a stock exchange?

The securities will not be listed on any securities exchange. There can be no assurance that a liquid trading market will develop for the securities. Accordingly, if you sell your securities prior to maturity, you may have to sell them at a substantial loss. You should review the section entitled “Risk Factors—There may not be an active trading market for the securities” in this pricing supplement.

Are there any risks associated with my investment?

Yes, an investment in the securities is subject to significant risks, including the risk of loss of up to 100% of your principal. We urge you to read the detailed explanation of risks in “Risk Factors” beginning on page PS-11 herein and page S-1 of the accompanying prospectus supplement.

ADDITIONAL INFORMATION

You should read this pricing supplement together with the prospectus dated September 7, 2018, as supplemented by the prospectus supplement dated September 7, 2018, relating to our Senior Global Medium-Term Notes, Series H, of which these securities are a part. This pricing supplement, together with these documents, contains the terms of the securities and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours.

You should rely only on the information provided or incorporated by reference in this pricing supplement, the prospectus and the prospectus supplement. We have not authorized anyone else to provide you with different information, and we take no responsibility for any other information that others may give you. We and Wells Fargo Securities, LLC are offering to sell the securities and seeking offers to buy the securities only in jurisdictions where it is lawful to do so. The information contained in this pricing supplement and the accompanying prospectus supplement and prospectus is current only as of their respective dates.

If the information in this pricing supplement differs from the information contained in the prospectus supplement or the prospectus, you should rely on the information in this pricing supplement.

You should carefully consider, among other things, the matters set forth in “Risk Factors” in this pricing supplement and the accompanying prospectus supplement, as the securities involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisers before you invest in the securities.

You may access these documents on the SEC website at www.sec.gov as follows (or if such address has changed, by reviewing our filings for the relevant date on the SEC website):

- Prospectus dated September 7, 2018:
https://www.sec.gov/Archives/edgar/data/1000275/000121465918005973/l96181424b3.htm

- Prospectus Supplement dated September 7, 2018:
https://www.sec.gov/Archives/edgar/data/1000275/000121465918005975/f97180424b3.htm

Our Central Index Key, or CIK, on the SEC website is 1000275.

Please see the section “Documents Incorporated by Reference” on page i of the above prospectus for a description of our filings with the SEC that are incorporated by reference therein.

RISK FACTORS

An investment in the securities is subject to the risks described below, as well as the risks described under "Risk Factors" in the accompanying prospectus supplement and prospectus. The securities have complex features and are a riskier investment than ordinary debt securities. Also, your securities are not equivalent to investing directly in the Fund or the common stocks held by the Fund. Investors in the securities are also exposed to further risks related to the Issuer of the securities, Royal Bank of Canada, which are described in Royal Bank of Canada's most recent annual report on Form 40-F filed with the SEC and incorporated by reference herein. See the categories of risks identified and disclosed in the management's discussion and analysis of financial condition and results of operations included in the annual report on Form 40-F. This section (and the management's discussion and analysis section of the annual report on Form 40-F) describes the most significant risks relating to the securities. You should carefully consider whether the securities are suited to your particular circumstances.

Your investment may result in a loss of up to 100% of your principal

We will not repay you a fixed amount of principal on the securities at maturity. The payment at maturity on the securities will depend on the percentage change in the price of the Fund based on the Final Fund Price relative to the Initial Fund Price, and whether or not the Final Fund Price falls below the Threshold Price. Because the price of the Fund is subject to market fluctuations, the amount of cash you receive at maturity may be more or less than the principal amount of the securities. If the Final Fund Price is less than the Threshold Price, you will lose 1% of the principal amount for each 1% that the Final Fund Price is less than the Initial Fund Price. The Threshold Price is 75% of the Initial Fund Price. For example, if the Fund has declined by 25.1% from the Initial Fund Price to the Final Fund Price, you will not receive any benefit of the contingent downside feature and you will lose 25.1% of your principal amount. Accordingly, if the price of the Fund decreases below the Threshold Price, you will lose more than 25%, and may lose up to 100%, of your principal.

You will not receive interest payments on the securities

You will not receive any periodic interest payments on the securities or any interest payment at maturity. Your payment at maturity will depend on the percentage change in the price of the Fund based on the Final Fund Price relative to the Initial Fund Price, and whether or not the Final Fund Price is below the Threshold Price.

Your yield may be lower than the yield on a standard debt security of comparable maturity

The yield that you will receive on your securities, which could be negative, may be less than the return you could earn on other investments. Even if your yield is positive, your yield may be less than the yield you would earn if you bought a standard senior non-callable debt security of Royal Bank of Canada with the same maturity date. Your investment may not reflect the full opportunity cost to you when you take into account factors that affect the time value of money. Unlike conventional senior non-callable debt securities, the securities do not guarantee the return of all of the principal amount at maturity. In addition, no interest will be paid during the term of your securities.

Your return is limited and will not reflect the return of owning the Fund or the common stocks held by the Fund

You should understand that the opportunity to participate in the possible appreciation in the price of the Fund through an investment in the securities is limited because the amount that you receive at maturity will never exceed the maximum maturity payment amount. The maximum maturity payment amount represents a maximum appreciation on the securities of 45.00% over the principal amount of the securities. Although any positive return on the securities is based on 150% times any percentage increase of the Fund, in no event will the amount you receive at maturity be greater than the maximum maturity payment amount of $1,450.00 per security.

Owning the securities is not the same as owning the shares of the Fund or the common stocks held by the Fund

The return on your securities will not reflect the return you would realize if you actually owned and held the shares of the Fund or the common stocks held by the Fund for a similar period. First, because the maturity payment amount will be determined based on the price of the Fund, the return on the securities will not take into account the value of any dividends that may be paid on the Fund or the common stocks held by the Fund. Second, as a holder of the securities, you will not be entitled to receive those dividends, nor will you have voting rights or any other rights that holders of the shares of the Fund or the common stocks held by the Fund may have. Even if the price of the Fund increases above the Initial Fund Price during the term of the securities, the market value of the securities may not increase by the same amount. It is also possible for the price of the