

ROYAL BANK OF CANADA  
 Form FWP  
 August 02, 2018

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Royal Bank of Canada  
 Market Linked Securities  
 Filed Pursuant to Rule 433  
 Registration No. 333-208507

Market Linked Securities – Auto-Callable with Fixed Percentage Buffered Downside  
 Principal at Risk Securities Linked to the EURO STOXX 50® Index due September 7, 2021  
 Term Sheet to Preliminary Pricing Supplement No. WFC122 dated August 1, 2018

Summary of terms

Issuer	Royal Bank of Canada
Term	Approximately 36 months (autocallable annually, beginning approximately one year after the issue date)
Index	EURO STOXX 50® Index
Pricing Date	August 31, 2018*
Original Issue Date	September 6, 2018*
Principal Amount	\$1,000 per security (each security will be offered at an initial public offering price of \$1,000)
Call Event	The securities will be automatically called if the closing level of the Index on any call date is greater than or equal to the Initial Index Level. If a call event occurs, you will receive a call price equal to the issue price of \$1,000 per security, plus the call premium corresponding to the applicable call date. See “Call Dates, Call Premiums and Call Prices” on page 3
Call Dates	September 6, 2019*; September 8, 2020*; and August 30, 2021* (the last call date, August 30, 2021, is also the “valuation date”)
Call Settlement Date	Five business days after the applicable call date (if the securities are called on the last call date, the call settlement date will be the maturity date)
Payment at Maturity	See “How the maturity payment amount is calculated” on page 3
Maturity Date	September 7, 2021*
Initial Index Level	The closing level of the Index on the pricing date
Final Index Level	The closing level of the Index on the valuation date
Buffer Level	90% of the Initial Index Level
Calculation Agent	RBC Capital Markets, LLC, a wholly-owned subsidiary of the issuer
Denominations	\$1,000 and any integral multiple of \$1,000
Underwriting Discount and Commission	Up to 3.00%, of which dealers, including those using the trade name Wells Fargo Advisors (“WFA”), may receive a selling concession of 1.75% and WFA will receive a distribution expense fee of 0.075%
CUSIP	78013XQZ4

\*To the extent that the issuer makes any change to the expected pricing date or expected original issue date, the call dates (including the valuation date) and maturity date may also be changed in the issuer’s discretion to ensure that the term of the securities remains the same.

Investment description

·Linked to the EURO STOXX 50® Index

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Unlike ordinary debt securities, the securities do not pay interest, do not repay a fixed amount of principal at maturity and are subject to potential automatic call upon the terms described below. Any return you receive on the securities and whether they are automatically called will depend on the performance of the Index

Call Event. If the closing level of the Index on any call date is greater than or equal to the Initial Index Level, the securities will be automatically called, and you will receive on the related call settlement date the issue price of \$1,000 plus the call premium applicable to that call date

Call Date	Call Premium**
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September 6, 2019	[8.50 – 9.50]% of the issue price
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September 8, 2020	[17.00 – 19.00]% of the issue price
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August 30, 2021	[25.50 – 28.50]% of the issue price
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\*\*the actual call premium applicable to each call date will be determined on the pricing date

Payment at Maturity. If a call event does not occur, the payment at maturity will be based on the closing level of the Index on the final calculation day as follows:

o If the level of the Index decreases but the decrease is not more than 10%:

You will be repaid the initial public offering price

o If the level of the Index decreases by more than 10%:

You will receive less than the initial public offering price and will have 1-to-1 downside exposure to any decrease in the level of the Index in excess of 10%

· Investors may lose up to 90% of the initial public offering price

All payments on the securities are subject to the credit risk of Royal Bank of Canada, and you will have no ability to pursue the issuer of any securities represented by the Index for payment; if Royal Bank of Canada defaults on its obligations, you could lose some or all of your investment

· No periodic interest payments or dividends

· No exchange listing; designed to be held to maturity

The issuer's initial estimated value of the securities as of the date of the accompanying preliminary pricing supplement is \$957.04 per \$1,000 in principal amount, which is less than the public offering price. While the initial estimated value of the securities on the pricing date may differ from the estimated value set forth above, the issuer does not expect it to differ significantly absent a material change in market conditions or other relevant factors. The final pricing supplement relating to the securities will set forth the issuer's estimate of the initial value of the securities as of the pricing date, which will not be less than \$937.04 per \$1,000 in principal amount. 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" in the accompanying preliminary pricing supplement for further information

The securities have complex features and investing in the securities involves risks not associated with an investment in conventional debt securities. See "Selected Risk Considerations" in this term sheet and "Risk Factors" in the accompanying preliminary pricing supplement and prospectus supplement.

This introductory term sheet does not provide all of the information that an investor should consider prior to making an investment decision.

Investors should carefully review the accompanying preliminary pricing supplement, prospectus supplement and prospectus before making a decision to invest in the securities.

NOT A BANK DEPOSIT AND NOT INSURED OR GUARANTEED BY THE FDIC OR ANY OTHER  
GOVERNMENTAL AGENCY

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## Hypothetical payout profile

The profile to the right illustrates the potential payment on the securities for a range of hypothetical percentage changes in the closing level of the Index from the pricing date to the applicable call date (including the valuation date), assuming a Buffer Level equal to 90% of the Initial Index Level. The call premiums shown in the profile are hypothetical and are based on the midpoint of the ranges specified for the call premiums.

This graph has been prepared for purposes of illustration only. Your actual return will depend on (i) whether the securities are automatically called; (ii) if the securities are automatically called, the actual call premium and the actual call date on which the securities are called; (iii) if the securities are not automatically called, the actual Final Index Level; and (iv) whether you hold your securities to the call settlement date or maturity.

## Hypothetical returns

If the securities are automatically called:

Hypothetical call date on which securities are automatically called	Hypothetical Call Premium <sup>(1)</sup>	Hypothetical Call Price <sup>(2)</sup>
1st call date	9.00%	\$1,090.00
2nd call date	18.00%	\$1,180.00
3rd call date	27.00%	\$1,270.00

<sup>(1)</sup>The hypothetical call premium represents the midpoint of the specified range for the call premium.

<sup>(2)</sup>The hypothetical call price represents the midpoint of the specified range for the call price.

If the securities are not automatically called:

Hypothetical Final Index Level	Hypothetical percentage change from the hypothetical Initial Index Level to the hypothetical Final Index Level	Hypothetical Maturity Payment Amount per Security	Hypothetical pre-tax total rate of return
2,850.00	-5.00%	\$1,000.00	0.00%
2,700.00	-10.00%	\$1,000.00	0.00%
2,670.00	-11.00%	\$990.00	-1.00%
2,400.00	-20.00%	\$900.00	-10.00%
2,250.00	-25.00%	\$850.00	-15.00%
1,500.00	-50.00%	\$600.00	-40.00%
750.00	-75.00%	\$350.00	-65.00%
0.00	-100.00%	\$100.00	-90.00%

Assumes a hypothetical Initial Index Level of 3,000. The actual Initial Index Level will be determined on the pricing date. Each security has an initial public offering price of \$1,000.

The above figures are for purposes of illustration only and may have been rounded for ease of analysis. The actual amount you receive upon automatic call or at maturity and the resulting pre-tax rate of return will depend on (i) whether the securities are automatically called; (ii) if the securities are automatically called, the actual call premium and the actual call date on which the securities are called; and (iii) if the securities are not automatically called, the Final Index Level.

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Call Dates, Call Premiums and Call Prices

<u>Call Date</u>	<u>Call Premium</u>	<u>Call Price</u>
September 6, 2019	[8.50 – 9.50]% of the issue price	[\$1,085.00 – 1,095.00]
September 8, 2020	[17.00 – 19.00]% of the issue price	[\$1,170.00 – 1,190.00]
August 30, 2021 (which is also the valuation date)	[25.50 – 28.50]% of the issue price	[\$1,255.00 – 1,285.00]

The actual call premium and call price that is applicable to each call date will be determined on the pricing date and will be within the range specified in the foregoing table. The last call date is the valuation date, and payment upon a call event on the valuation date, if applicable, will be made on the maturity date.

How the maturity payment amount is calculated

If a call event does not occur, 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 change in the level of the Index based on the Final Index Level relative to the Initial Index Level as follows:

If the Final Index Level is less than the Initial Index Level but greater than or equal to the Buffer Level, the maturity payment amount per security will equal the issue price of \$1,000.

If the Final Index Level is less than the Buffer Level, the maturity payment amount per security will equal:

$$\$1,000 - (\$1,000 \times \frac{\text{Buffer Level} - \text{Final Index Level}}{\text{Initial Index Level}})$$

If a call event does not occur and the Final Index Level is less than the Buffer Level, you will lose up to 90% of your principal. If the Final Index Level is zero, the maturity payment amount will be \$100.00.

Any positive return on the securities will be limited to the applicable call premium, even if the closing level of the Index on the applicable call date significantly exceeds the Initial Index Level. You will not participate in any appreciation of the Index beyond the applicable fixed call premium.

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EURO STOXX 50® Index daily closing levels\*

\*The graph above sets forth the daily closing levels of the Index for the period from January 1, 2008 to July 30, 2018. The closing level on July 30, 2018 was 3,512.31. The historical performance of the Index is not an indication of its future performance during the term of the securities.

Selected risk considerations

The risks set forth below are discussed in detail in the “Risk Factors” section in the accompanying preliminary pricing supplement. Please review those risk disclosures carefully.

- Your investment may result in a loss of up to 90% of your principal
  - You will not receive interest payments on the securities
  - Your yield may be lower than the yield on a standard debt security of comparable maturity
  - Your securities are subject to the automatic call associated with a call event
  - Your return is limited and will not reflect the return of owning the common stocks represented by the Index
  - Owning the securities is not the same as owning the common stocks represented by the Index
  - There may not be an active trading market for the securities
  - The amount to be paid upon a call event or at maturity is not linked to the level of the Index at any time other than on each call date and on the valuation date
  - Many factors affect the market value of the securities
  - The securities will be debt obligations of Royal Bank of Canada. No other company or entity will be responsible for payments under the securities
  - Changes that affect the Index will affect the market value of the securities and the payment on the securities
  - We have no affiliation with the sponsor of the Index and will not be responsible for any actions taken by the sponsor
  - Historical levels of the Index should not be taken as an indication of the future levels of the Index during the term of the securities
  - Hedging transactions may affect the return on the securities
  - Our initial estimated value of the securities will be less than the initial public offering price
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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

The initial estimated value of the securities is an estimate only, calculated as of the time the terms of the securities are set

· Potential conflicts of interest could arise

The calculation agent may postpone the valuation date or any call date and, therefore, determination of the closing level of the Index on that date, and the maturity date or any call settlement date, as applicable, if a market disruption event occurs

· There are potential conflicts of interest between you and the calculation agent

· Risks associated with non-U.S. companies

· The securities will not be adjusted for changes in exchange rates

· Significant aspects of the tax treatment of the securities are uncertain

#### Not suitable for all investors

Investment suitability must be determined individually for each investor. The securities described herein are not a suitable investment for all investors. In particular, no investor should purchase the securities unless they understand and are able to bear the associated market, liquidity and yield risks. Unless market conditions and other relevant factors change significantly in your favor, a sale of the securities prior to maturity is likely to result in sale proceeds that are substantially less than the initial public offering price per security. Royal Bank of Canada, Wells Fargo Securities, LLC and their respective affiliates are not obligated to purchase the securities from you at any time prior to maturity.

The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC website at [www.sec.gov](http://www.sec.gov). Alternatively, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling your financial advisor or by calling Royal Bank of Canada at 1-877-688-2301.

Wells Fargo Advisors is a trade name used by Wells Fargo Clearing Services, LLC and Wells Fargo Advisors Financial Network, LLC, members SIPC, separate registered broker-dealers and non-bank affiliates of Wells Fargo & Company.

#### Consult your tax advisor

Investors should review carefully the accompanying preliminary pricing supplement, prospectus supplement and prospectus and consult their tax advisors regarding the application of the U.S. federal income tax laws to their particular circumstances, as well as any tax consequences arising under the laws of any state, local or foreign jurisdiction.

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