

Invesco V.I. Global Core Equity Fund

Series I shares and Series II shares

Before you invest, you may want to review the Fund's prospectus, which contains more information about the Fund and its risks. You can find the Fund's prospectus, reports to shareholders, and other information about the Fund online at www.invesco.com/prospectus. You can also get this information at no cost by calling (800) 959-4246 or by sending an e-mail request to ProspectusRequest@invesco.com. The Fund's prospectus and statement of additional information, both dated April 28, 2023 (as each may be amended or supplemented), are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or e-mail address noted above.

Investment Objective(s)

The Fund's investment objective is long-term capital appreciation by investing primarily in equity securities of issuers throughout the world, including U.S. issuers.

Fees and Expenses of the Fund

This table describes the fees and expenses that are incurred, directly or indirectly, when a variable product owner buys, holds, or redeems interest in an insurance company separate account that invests in the Series I shares or Series II shares of the Fund but does not represent the effect of any fees or other expenses assessed in connection with your variable product, and if it did, expenses would be higher.

Shareholder Fees (fees paid directly from your investment)

| | Series I shares | Series II shares |
|--|-----------------|------------------|
| Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price) | None | None |
| Maximum Deferred Sales Charge (Load) (as a percentage of original purchase price or redemption | | |
| proceeds, whichever is less) | None | None |

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)

| | Series I shares | Series II shares |
|--|-----------------|------------------|
| Management Fees | 0.67% | 0.67% |
| Distribution and/or Service (12b-1) Fees | None | 0.25 |
| Other Expenses | 0.30 | 0.30 |
| Acquired Fund Fees and Expenses | 0.01 | 0.01 |
| Total Annual Fund Operating Expenses | 0.98 | 1.23 |

Example. This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds.

This Example does not represent the effect of any fees or expenses assessed in connection with your variable product, and if it did, expenses would be higher.

The Example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same.

Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

| | 1 Year | 3 Years | 5 Years | 10 Years |
|------------------|--------|---------|----------------|----------|
| Series I shares | \$100 | \$312 | \$542 | \$1,201 |
| Series II shares | \$125 | \$390 | \$676 | \$1,489 |

Portfolio Turnover. The Fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual fund operating expenses or in the Example, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 13% of the average value of its portfolio.

Principal Investment Strategies of the Fund

The Fund invests, under normal circumstances, at least 80% of its net assets (plus any borrowings for investment purposes) in equity securities and in derivatives and other instruments, including depositary receipts, that have economic characteristics similar to such securities.

The principal types of equity securities in which the Fund invests are common and preferred stock. The Fund's common stock investments may also include China A-shares (shares of companies based in mainland China that trade on the Shanghai Stock Exchange and the Shenzhen Stock Exchange).

Under normal circumstances, the Fund will provide exposure to investments that are economically tied to at least three different countries, including the U.S., and at least 40%, unless market conditions are not deemed favorable, in which case at least 30%, of the Fund's net assets will provide exposure to investments that are economically tied to countries other than the U.S. The Fund may invest up to 20% of its net assets in securities of issuers located in emerging market countries, i.e., those that are generally in the early stages of their industrial cycles.

The Fund can invest in derivative instruments, including forward foreign currency contracts and options.

The Fund can use forward foreign currency contracts to hedge against adverse movements in the foreign currencies in which portfolio securities are denominated.

The Fund can use options to mitigate risk and to hedge against adverse movements in the foreign currencies in which portfolio securities are denominated.

The Fund may invest in the securities of issuers of all capitalization sizes, and a substantial number of the issuers in which the Fund invests are large-capitalization issuers.

In selecting investments for the Fund, the portfolio manager applies a rigorous bottom-up fundamental investment approach to analyze the quality and value of individual companies. There is no attempt to mirror the composition of the Fund's benchmark index.

The portfolio manager looks for companies that (i) possess sustainable competitive advantages that provide opportunities for long-term growth; (ii) have management teams that are strong capital allocators and efficient operators; and (iii) are believed to be attractively priced in relation to their intrinsic value.

As part of a comprehensive assessment of a company's intrinsic value, the portfolio management team uses a variety of valuation methods and will typically review a company's financial information, competitive position and its future prospects. The team may also meet with the company's management and take into account general industry and economic trends. The team will then compare the intrinsic value that it has placed on the company against its current market price and will consider investing where the market price is sufficiently lower than the determined intrinsic value.

The portfolio management team will typically sell a security under the following conditions: (a) where the price of the security increases to a level that it considers to be at or near its intrinsic value, (b) where there are more attractive opportunities, or (c) where the original investment thesis for a company is no longer valid.

As part of the Fund's investment process to implement its investment strategy in pursuit of its investment objective, the Fund's portfolio manager may also consider both qualitative and quantitative environmental, social and governance ("ESG") factors they believe to be material to understand an issuer's fundamentals, assess whether any ESG factors pose a material financial risk or opportunity to the issuer and determine whether such risks are appropriately reflected in the issuer's valuation. This analysis may involve the use of third-party research as well as proprietary research. Consideration of ESG factors is just one component of the portfolio manager's assessment of issuers eligible for investment and not necessarily determinative to an investment decision. Therefore, the Fund's portfolio manager may still invest in securities of issuers that may be viewed as having a high ESG risk profile. The ESG factors considered by the Fund's portfolio manager may change over time, one or more factors may not be relevant with respect to all issuers eligible for investment and ESG considerations may not be applied to each issuer or Fund investment.

Principal Risks of Investing in the Fund

As with any mutual fund investment, loss of money is a risk of investing. An investment in the Fund is not a deposit in a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency. The risks associated with an investment in the Fund can increase during times of significant market volatility. The principal risks of investing in the Fund are:

Market Risk. The market values of the Fund's investments, and therefore the value of the Fund's shares, will go up and down, sometimes rapidly or unpredictably. Market risk may affect a single issuer, industry or section of the economy, or it may affect the market as a whole. The value of the Fund's investments may go up or down due to general market conditions that are not specifically related to the particular issuer, such as real or perceived adverse economic conditions, changes in the general outlook for revenues or corporate earnings, changes in interest or currency rates, regional or global instability, natural or environmental disasters, widespread disease or other public health issues, war, military conflict, acts of terrorism, economic crisis or adverse investor sentiment generally. During a general downturn in the financial markets, multiple asset classes may decline in value. When markets perform well, there can be no assurance that specific investments held by the Fund will rise in value.

Investing in Stocks Risk. The value of the Fund's portfolio may be affected by changes in the stock markets. Stock markets may experience significant short-term volatility and may fall or rise sharply at times. Adverse events in any part of the equity or fixed-income markets may have unexpected negative effects on other market segments. Different stock markets may behave differently from each other and U.S. stock markets may move in the opposite direction from one or more foreign stock markets.

The prices of individual stocks generally do not all move in the same direction at the same time. However, individual stock prices tend to go up and down more dramatically than those of certain other types of investments, such as bonds. A variety of factors can negatively affect the price of a particular company's stock. These factors may include, but are not limited to: poor earnings reports, a loss of customers, litigation against the company, general unfavorable performance of the company's sector or industry, or changes in government regulations affecting the company or its industry. To the extent that securities of a particular type are emphasized (for example foreign stocks, stocks of small- or mid-cap companies, growth or value stocks, or stocks of companies in a particular industry), fund share values may fluctuate more in response to events affecting the market for those types of securities.

Foreign Securities Risk. The Fund's foreign investments may be adversely affected by political and social instability, changes in economic or taxation policies, difficulty in enforcing obligations, decreased liquidity or increased volatility. Foreign investments also involve the risk of the possible seizure, nationalization or expropriation of the issuer or foreign deposits (in which the Fund could lose its entire investments in a certain market) and the possible adoption of foreign governmental restrictions such as exchange controls. Foreign companies generally may be subject to less stringent regulations than U.S. companies, including financial reporting requirements and auditing and accounting controls, and may therefore be more susceptible to fraud or corruption. There may be less public information available about foreign companies than U.S. companies, making it difficult to evaluate those foreign companies. Unless the Fund has hedged its foreign currency exposure, foreign securities risk also involves the risk of negative foreign currency rate fluctuations, which may cause the value of securities denominated in such foreign currency (or other instruments through which the Fund has exposure to foreign currencies) to decline in value. Currency exchange rates may fluctuate significantly over short periods of time. Currency hedging strategies, if used, are not always successful.

Emerging Market Securities Risk. Emerging markets (also referred to as developing markets) are generally subject to greater market volatility, political, social and economic instability, uncertain trading markets and more governmental limitations on foreign investment than more developed markets. In addition, companies operating in emerging markets may be subject to lower trading volume and greater price fluctuations than companies in more developed markets. Such countries' economies may be more dependent on relatively few industries or investors that may be highly vulnerable to local and global changes. Companies in emerging market countries generally may be subject to less stringent regulatory, disclosure, financial reporting, accounting, auditing and recordkeeping standards than companies in more developed countries. As a result, information, including financial information, about such companies may be less available and reliable, which can impede the Fund's ability to evaluate such companies. Securities law and the enforcement of systems of taxation in many emerging market countries may change quickly and unpredictably, and the ability to bring and enforce actions (including bankruptcy, confiscatory taxation, expropriation, nationalization of a company's assets, restrictions on foreign ownership of local companies, restrictions on withdrawing assets from the country, protectionist measures and practices such as share blocking), or to obtain information needed to pursue or enforce such actions, may be limited. In addition, the ability of foreign entities to participate in privatization programs of certain developing or emerging market countries may be limited by local law. Investments in emerging

market securities may be subject to additional transaction costs, delays in settlement procedures, unexpected market closures, and lack of timely information.

The Fund's investments in China A-shares are subject to trading restrictions, quota limitations and clearing and settlement risks.

Geographic Focus Risk. The Fund may from time to time have a substantial amount of its assets invested in securities of issuers located in a single country or a limited number of countries. Adverse economic, political or social conditions in those countries may therefore have a significant negative impact on the Fund's investment performance.

European Investment Risk. The Economic and Monetary Union (the "EMU") of the European Union (the "EU") requires compliance with restrictions on inflation rates, deficits, interest rates, debt levels and fiscal and monetary controls, each of which may significantly affect every country in Europe. Decreasing imports or exports, changes in governmental or EU regulations on trade, changes in the exchange rate of the euro, the default or threat of default by an EU member country on its sovereign debt, and recessions in an EU member country may have significant adverse effects on the economies of EU member countries. Responses to financial problems by EU countries may not produce the desired results, may limit future growth and economic recovery, or may result in social unrest or have other unintended consequences. Further defaults or restructurings by governments and other entities of their debt could have additional adverse effects on economies, financial markets, and asset valuations around the world. A number of countries in Eastern Europe remain relatively undeveloped and can be particularly sensitive to political and economic developments. Separately, the EU faces issues involving its membership, structure, procedures and policies. The exit of one or more member states from the EU, such as the recent departure of the United Kingdom (known as "Brexit"), would place its currency and banking system in jeopardy. The exit by the United Kingdom or other member states will likely result in increased volatility, illiquidity and potentially lower economic growth in the affected markets, which will adversely affect the Fund's investments.

Small- and Mid-Capitalization Companies Risk. Investing in securities of small- and mid-capitalization companies involves greater risk than customarily is associated with investing in larger, more established companies. Stocks of small- and mid-capitalization companies tend to be more vulnerable to changing market conditions, may have little or no operating history or track record of success, and may have more limited product lines and markets, less experienced management and fewer financial resources than larger companies. These companies' securities may be more volatile and less liquid than those of more established companies. They may be more sensitive to changes in a company's earnings expectations and may experience more abrupt and erratic price movements. Smaller companies' securities often trade in lower volumes and in many instances, are traded over-the-counter or on a regional securities exchange. where the frequency and volume of trading is substantially less than is typical for securities of larger companies traded on national securities exchanges. Therefore, the securities of smaller companies may be subject to wider price fluctuations and it might be harder for the Fund to dispose of its holdings at an acceptable price when it wants to sell them. Since smalland mid-cap companies typically reinvest a high proportion of their earnings in their business, they may not pay dividends for some time, particularly if they are newer companies. It may take a substantial period of time to realize a gain on an investment in a small- or mid-cap company, if any gain is realized at all.

Depositary Receipts Risk. Investing in depositary receipts involves the same risks as direct investments in foreign securities. In addition, the underlying issuers of certain depositary receipts are under no obligation to distribute shareholder communications or pass through any voting rights with respect to the deposited securities to the holders of such receipts. The Fund may therefore receive less timely information or have less control than if it invested directly in the foreign issuer.

Preferred Securities Risk. Preferred securities are subject to issuer-specific and market risks applicable generally to equity securities. Preferred securities also may be subordinated to bonds or other debt instruments, subjecting them to a greater risk of non-payment, may be less liquid than many other securities, such as common stocks, and generally offer no voting rights with respect to the issuer.

Sector Focus Risk. The Fund may from time to time have a significant amount of its assets invested in one market sector or group of related industries. In this event, the Fund's performance will depend to a greater extent on the overall condition of the sector or group of industries and there is increased risk that the Fund will lose significant value if conditions adversely affect that sector or group of industries.

Derivatives Risk. The value of a derivative instrument depends largely on (and is derived from) the value of an underlying security, currency, commodity, interest rate, index or other asset (each referred to as an underlying asset). In addition to risks relating to the underlying assets, the use of derivatives may include other, possibly greater, risks, including counterparty, leverage and liquidity risks. Counterparty risk is the risk that the counterparty to the derivative contract will default on its obligation to pay the Fund the amount owed or otherwise perform under the derivative contract. Derivatives create leverage risk because they do not require payment up front equal to the economic exposure created by holding a position in the derivative. As a result, an adverse change in the value of the underlying asset could result in the Fund sustaining a loss that is substantially greater than the amount invested in the derivative or the anticipated value of the underlying asset, which may make the Fund's returns more volatile and increase the risk of loss. Derivative instruments may also be less liquid than more traditional investments and the Fund may be unable to sell or close out its derivative positions at a desirable time or price. This risk may be more acute under adverse market conditions, during which the Fund may be most in need of liquidating its derivative positions. Derivatives may also be harder to value, less tax efficient and subject to changing government regulation that could impact the Fund's ability to use certain derivatives or their cost. Derivatives strategies may not always be successful. For example, derivatives used for hedging or to gain or limit exposure to a particular market segment may not provide the expected benefits, particularly during adverse market conditions.

Value Investing Risk. Value investing entails the risk that if the market does not recognize that a selected security is undervalued, the prices of that security might not appreciate as anticipated. A value approach could also result in fewer investments that increase rapidly during times of market gains and could cause a fund to underperform funds that use a growth or non-value approach to investing. Value investing has gone in and out of favor during past market cycles and when value investing is out of favor or when markets are unstable, the securities of value companies may underperform the securities of growth companies or the overall stock market.

Environmental, Social and Governance (ESG) Considerations **Risk**. The ESG considerations that may be assessed as part of the investment process to implement the Fund's investment strategy in pursuit of its investment objective may vary across types of eligible investments and issuers, and not every ESG factor may be identified or evaluated for every investment, and not every investment or issuer may be evaluated for ESG considerations. The Fund's portfolio will not be solely based on ESG considerations, and therefore the issuers in which the Fund invests may not be considered ESG-focused issuers. The incorporation of ESG factors may affect the Fund's exposure to certain issuers or industries and may not work as intended. The Fund may underperform other funds that do not assess an issuer's ESG factors or that use a different methodology to identify and/or incorporate ESG factors. Information used by the Fund to evaluate such factors may not be readily available, complete or accurate, and may vary across providers and issuers as ESG is not a uniformly defined characteristic. There is no guarantee that the evaluation of ESG considerations will be additive to the Fund's performance.

Management Risk. The Fund is actively managed and depends heavily on the Adviser's judgment about markets, interest rates or the attractiveness, relative values, liquidity, or potential appreciation of particular investments made for the Fund's portfolio. The Fund could experience losses if these judgments prove to be incorrect. Additionally, legislative, regulatory, or tax developments may adversely affect management of the Fund and, therefore, the ability of the Fund to achieve its investment objective.

Performance Information

The bar chart and performance table provide an indication of the risks of investing in the Fund. The bar chart shows changes in the performance of the Series I shares of the Fund from year to year as of December 31. The performance table compares the Fund's performance to that of a broad-based/style-specific securities market benchmark and a peer group benchmark comprised of funds with investment objectives and strategies similar to those of the Fund (in that order). The bar chart and performance table below do not reflect charges assessed in connection with your variable product; if they did, the performance shown would be lower. The Fund's past performance is not necessarily an indication of its future performance.

Fund performance reflects any applicable fee waivers and expense reimbursements. Performance returns would be lower without applicable fee waivers and expense reimbursements.

All Fund performance shown assumes the reinvestment of dividends and capital gains and the effect of the Fund's expenses.

The Series I shares and Series II shares invest in the same portfolio of securities and will have substantially similar performance, except to the extent that the expenses borne by each share class differ. Series II shares have higher expenses (and therefore lower performance) resulting from its Rule 12b-1 plan, which provides for a maximum fee equal to an annual rate of 0.25% (expressed as a percentage of average daily net assets of the Fund).

Annual Total Returns 30% 20% 10% 0% -10% -20% -30% 15 20 14 19 22.90% (15.32)% 25.20% 13.23% 22.50% 0.69% (1.42)% 6.81% 15.97% (21.88)%

 Series I
 Period Ended
 Returns

 Best Quarter
 June 30, 2020
 21.30%

 Worst Quarter
 March 31, 2020
 -25.10%

Average Annual Total Returns (for the periods ended December 31, 2022)

| | Inception Date | 1 Year | 5 Years | 10 Years |
|--|-------------------|-----------|------------|-------------|
| Series I | 1/2/1997 | -21.88% | 1.69% | 5.67% |
| Series II MSCI World Index SM (Net) (reflects reinvested dividends net of withholding taxes, but reflects no | 6/1/2010 | -22.16 | 1.42 | 5.41 |
| deduction for fees, expenses or other taxes) | | -18.14 | 6.14 | 8.85 |
| Lipper VUF Global Multi-Cap Value Funds Classification Average | | -7.47 | 2.80 | 5.61 |

Management of the Fund

Investment Adviser: Invesco Advisers, Inc. (Invesco or the Adviser) Investment Sub-Adviser: Invesco Canada Ltd.

| Portfolio Manager | Title | Length of Service on the Fund |
|----------------------|-------------------|-------------------------------|
| Michael Hatcher, CFA | Portfolio Manager | 2020 |

Purchase and Sale of Fund Shares

You cannot purchase or sell (redeem) shares of the Fund directly. Please contact the insurance company that issued your variable product for more information on the purchase and sale of Fund shares. For more information, see "Other Information—Purchase and Redemption of Shares" in the prospectus.

Tax Information

The Fund expects, based on its investment objective and strategies, that its distributions, if any, will consist of ordinary income, capital gains, or some combination of both. Because shares of the Fund must be purchased through variable products, such distributions will be exempt from current taxation if left to accumulate within the variable product. Consult your variable insurance contract prospectus for additional tax information.

Payments to Insurance Companies

If you purchase the Fund through an insurance company or other financial intermediary, the Fund, the Fund's distributor or its related companies may pay the intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the insurance company or other intermediary and your salesperson or financial adviser to recommend the Fund over another investment. Ask your salesperson or financial adviser or visit your financial intermediary's website for more information.