

American Funds Insurance Series®

**Capital World Growth
and Income Fund®**

Summary prospectus

Class 4 shares

May 1, 2026



CAPITAL | **AMERICAN**
GROUP® | **FUNDS®**

Before you invest, you may want to review the fund's [prospectus](#) and [statement of additional information](#), which contain more information about the fund and its risks. You can find the fund's prospectus, statement of additional information, reports to shareholders and other information about the fund online at capitalgroup.com/afis. You can also get this information at no cost by calling (800) 421-9900, ext. 65413 or by sending an email request to aficlass4@americanfunds.com. The current prospectus and statement of additional information, dated May 1, 2026, are incorporated by reference into this summary prospectus.

Investment objective The fund’s investment objective is to provide you with long-term growth of capital while providing current income.

Fees and expenses of the fund This table describes the fees and expenses that you may pay if you buy, hold and sell an interest in Class 4 shares of the fund. **You may pay other fees, such as insurance contract fees and expenses, which are not reflected in the tables and examples below.** If insurance contract fees and expenses were reflected, expenses shown would be higher.

| Annual fund operating expenses (expenses that you pay each year as a percentage of the net asset value of your investment) | Class 4 |
|--|---------|
| Management fee | 0.47% |
| Distribution (12b-1) fees | 0.25 |
| Other expenses | 0.29 |
| Total annual fund operating expenses | 1.01 |
| Fee waiver* | 0.10 |
| Total annual fund operating expenses after fee waiver | 0.91 |

* The investment adviser is currently waiving a portion of its management fee equal to 0.10% of the fund's net assets. This waiver will be in effect through at least May 1, 2027. The waiver may only be modified or terminated with the approval of the fund's board.

Example This example is intended to help you compare the cost of investing in Class 4 shares of the fund with the cost of investing in other mutual funds.

The example assumes that you invest \$10,000 in the fund for the time periods indicated and then redeem or hold 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. The example does not reflect insurance contract expenses. If insurance contract expenses were reflected, expenses shown would be higher. The example reflects the fee waiver described above through the expiration date of such waiver and total annual fund operating expenses thereafter. No sales charge (load) or other fees are charged by the fund upon redemption, so you would incur these hypothetical costs whether or not you were to redeem your shares at the end of the given period. 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 |
|---------|--------|---------|---------|----------|
| Class 4 | \$93 | \$312 | \$548 | \$1,227 |

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 investment results. During the most recent fiscal year, the fund’s portfolio turnover rate was 45% of the average value of its portfolio.

Principal investment strategies The fund invests primarily in common stocks of well-established companies located around the world, many of which have the potential to pay dividends. The fund invests, on a global basis, in common stocks that are denominated in U.S. dollars or other currencies. Under normal market circumstances the fund will invest a significant portion of its assets in a number of countries outside the United States, including in developing countries.

The fund is designed for investors seeking both capital appreciation and income. In pursuing its objective, the fund tends to invest in stocks that the investment adviser believes to be relatively resilient to market declines.

The investment adviser uses a system of multiple portfolio managers in managing the fund’s assets. Under this approach, the portfolio of the fund is divided into segments managed by individual managers.

The fund relies on the professional judgment of its investment adviser to make decisions about the fund’s portfolio investments. The basic investment philosophy of the investment adviser is to seek to invest in attractively valued companies that, in its opinion, represent good, long-term investment opportunities. Securities may be sold when the investment adviser believes that they no longer represent relatively attractive investment opportunities.

Principal risks This section describes the principal risks associated with investing in the fund. You may lose money by investing in the fund. The likelihood of loss may be greater if you invest for a shorter period of time.

Market conditions – The prices of, and the income generated by, the common stocks and other securities held by the fund may decline – sometimes rapidly or unpredictably – due to various factors, including events or conditions affecting the general economy or particular industries or companies; overall market changes; local, regional or global political, social or economic instability; governmental, governmental agency or central bank responses to economic conditions; levels of public debt and deficits; changes in inflation rates; and currency exchange rate, interest rate and commodity price fluctuations.

Economies and financial markets throughout the world are highly interconnected. Economic, financial or political events, trading and tariff arrangements, wars, terrorism, cybersecurity events, natural disasters, public health emergencies (such as the spread of infectious disease), bank failures and other circumstances in one country or region, including actions taken by governmental or quasi-governmental authorities in response to any of the foregoing, could have impacts on global economies or markets. As a result, whether or not the fund invests in securities of issuers located in or with significant exposure to the countries affected, the value and liquidity of the fund's investments may be negatively affected by developments in other countries and regions.

Issuer risks – The prices of, and the income generated by, securities held by the fund may decline in response to various factors directly related to the issuers of such securities, including reduced demand for an issuer's goods or services, poor management performance, major litigation, investigations or other controversies related to the issuer, changes in the issuer's financial condition or credit rating, changes in government regulations affecting the issuer or its competitive environment and strategic initiatives such as mergers, acquisitions or dispositions and the market response to any such initiatives. An individual security may also be affected by factors relating to the industry or sector of the issuer or the securities markets as a whole, and conversely an industry or sector or the securities markets may be affected by a change in financial condition or other event affecting a single issuer.

Investing outside the United States – Securities of issuers domiciled outside the United States or with significant operations or revenues outside the United States, and securities tied economically to countries outside the United States, may lose value because of adverse political, social, economic or market developments (including social instability, regional conflicts, terrorism and war) in the countries or regions in which the issuers are domiciled, operate or generate revenue or to which the securities are tied economically. These securities may also lose value due to changes in foreign currency exchange rates against the U.S. dollar and/or currencies of other countries. Issuers of these securities may be more susceptible to actions of foreign governments, such as nationalization, currency blockage or the imposition of price controls, sanctions, or punitive taxes, each of which could adversely impact the value of these securities. Securities markets in certain countries may be more volatile and/or less liquid than those in the United States. Investments outside the United States may also be subject to different regulatory, legal, accounting, auditing, financial reporting and recordkeeping requirements, and may be more difficult to value, than those in the United States. In addition, the value of investments outside the United States may be reduced by foreign taxes, including foreign withholding taxes on interest and dividends. Further, there may be increased risks of delayed settlement of securities purchased or sold by the fund, which could impact the liquidity of the fund's portfolio. The risks of investing outside the United States may be heightened in connection with investments in emerging markets.

Investing in emerging markets – Investing in emerging markets may involve risks in addition to and greater than those generally associated with investing in the securities markets of developed countries. For instance, emerging market countries tend to have less developed political, economic and legal systems than those in developed countries. Accordingly, the governments of these countries may be less stable and more likely to intervene in the market economy, for example, by imposing capital controls, nationalizing a company or industry, placing restrictions on foreign ownership and on withdrawing sale proceeds of securities from the country, and/or imposing punitive taxes that could adversely affect the prices of securities. Information regarding issuers in emerging markets may be limited, incomplete or inaccurate, and such issuers may not be subject to regulatory, accounting, auditing, and financial reporting and recordkeeping standards comparable to those to which issuers in more developed markets are subject. The fund's rights with respect to its investments in emerging markets, if any, will generally be governed by local law, which may make it difficult or impossible for the fund to pursue legal remedies or to obtain and enforce judgments in local courts. In addition, the economies of these countries may be dependent on relatively few industries, may have limited access to capital and may be more susceptible to changes in local and global trade conditions and downturns in the world economy. Securities markets in these countries can also be relatively small and have substantially lower trading volumes. As a result, securities issued in these countries may be more volatile and less liquid, more vulnerable to market manipulation, and more difficult to value, than securities issued in countries with more developed economies and/or markets. Less certainty with respect to security valuations may lead to additional challenges and risks in calculating the fund's net asset value. Additionally, emerging markets are more likely to experience problems with the clearing and settling of trades and the holding of securities by banks, agents and depositories that are less established than those in developed countries.

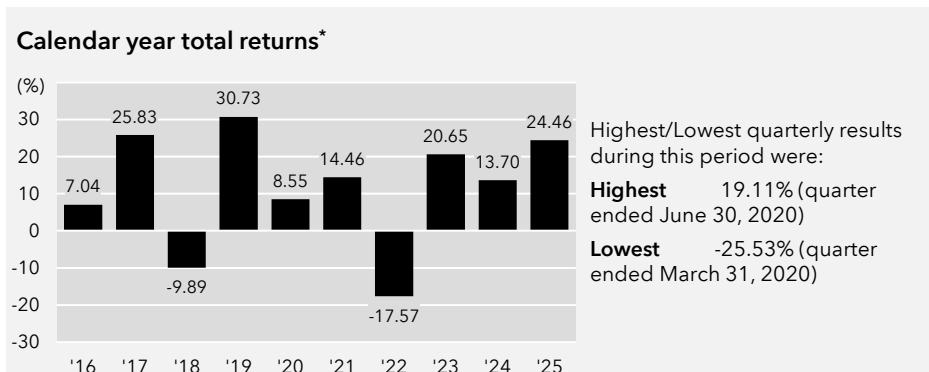
Investing in growth-oriented stocks – Growth-oriented common stocks and other equity-type securities (such as preferred stocks, convertible preferred stocks and convertible bonds) may involve larger price swings and greater potential for loss than other types of investments.

Investing in income-oriented stocks – The value of the fund's securities and income provided by the fund may be reduced by changes in the dividend policies of, and the capital resources available for dividend payments at, the companies in which the fund invests.

Management – The investment adviser to the fund actively manages the fund's investments. Consequently, the fund is subject to the risk that the methods and analyses, including models, tools and data, employed by the investment adviser in this process may be flawed or incorrect and may not produce the desired results. This could cause the fund to lose value or its investment results to lag relevant benchmarks or other funds with similar objectives.

Your investment in the fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency, entity or person. You should consider how this fund fits into your overall investment program.

Investment results The following bar chart shows how the investment results of the Class 4 shares of the fund have varied from year to year, and the following table shows how the fund's average annual total returns for various periods compare with a broad measure of securities market results and, if applicable, other measures of market results that reflect the fund's investment universe. This information provides some indication of the risks of investing in the fund. Past investment results (before and after taxes) are not predictive of future investment results. Figures shown reflect fees and expenses associated with an investment in the fund, but do not reflect insurance contract fees and expenses. If insurance contract fees and expenses were included, results would have been lower. Updated information on the fund's investment results can be obtained by visiting capitalgroup.com/afis.



| Average annual total returns For the periods ended December 31, 2025: | 1 year | 5 years | 10 years | Lifetime* |
|---|--------|---------|----------|-----------|
| Fund | 24.46% | 10.01% | 10.74% | 7.86% |
| MSCI All Country World Index (reflects no deduction for sales charges, account fees, expenses or U.S. federal income taxes) | 22.34 | 11.19 | 11.72 | 7.77 |

* Lifetime returns are from May 1, 2006, the date the fund began investment operations. Class 4 shares began investment operations on December 14, 2012; therefore, returns for the fund prior to that date assume a hypothetical investment in Class 1 shares, but reflect the .50% annual expense that applies to Class 4 shares, .25% of which is described in the "Plan of distribution" section of this prospectus and .25% of which is described in the "Fund expenses" section of this prospectus. Returns for Class 1 shares are comparable to those of Class 4 shares because both classes invest in the same portfolio of securities.

Management

Investment adviser Capital Research and Management Company

Portfolio managers The individuals primarily responsible for the portfolio management of the fund are:

| Portfolio manager/ Series title (if applicable) | Portfolio manager in this fund since: | Primary title with investment adviser |
|--|--|---|
| Alfonso Barroso | 2021 | Partner – Capital Research Global Investors |
| Michael Beckwith | 2024 | Partner – Capital Research Global Investors |
| Michael Cohen | 2018 | Partner – Capital World Investors |
| Nicholas J. Grace | 2016 | Partner – Capital Research Global Investors |
| Leo Hee | 2021 | Partner – Capital World Investors |
| Jin Lee | 2021 | Partner – Capital World Investors |
| Sung Lee | 2021 | Partner – Capital Research Global Investors |
| Lara Pellini | 2021 | Partner – Capital World Investors |
| Renaud H. Samyn | 2021 | Partner – Capital Research Global Investors |

Purchase and sale of fund shares Shares of the fund are not sold directly to the general public. The fund is offered only as an underlying investment option for variable insurance contracts, and insurance company separate accounts and qualified feeder funds – and not the holders of variable insurance contracts – are the shareholders of the fund. Although the fund does not require a minimum amount for initial or subsequent purchases from insurance companies, your insurance company may impose investment minimums for your purchase of the fund.

You may sell (redeem) shares on any business day. You must sell (redeem) shares through your insurance company.

Tax information See your variable insurance contract prospectus for information regarding the federal income tax treatment of your variable insurance contract and related distributions.

Payments to broker-dealers and other financial intermediaries The fund is not sold directly to the general public but instead is offered as an underlying investment option for variable insurance contracts. The fund and its related companies may make payments to the sponsoring insurance company (or its affiliates) for distribution and/or other services. These payments may be a factor that the insurance company considers in including the fund as an underlying investment option in the variable insurance contract. The prospectus (or other offering document) for your variable insurance contract may contain additional information about these payments.

You can access the fund's [statutory prospectus](#) or [SAI](#) at capitalgroup.com/afis.