

## Guaranteed Lifetime Benefit Riders

National Western Life
Income Outlook Plus 5
NWL IMPACT 7 S

American Equity Investment Life Insurance Company

## Optional IncomeShield Rider

RateShield 10+ MVA

Protective Life Corporation
Guaranteed Income Benefit
Protective Income Builder

## Overview

## General Information

SAMPLE CLIENT, age 65
Benefit starts after 5 years at age 70
State: Washington
Premium \$ 100,000
For products that use market interest, no interest ( $0 \%$ ) is used in the calculations

## Guaranteed Lifetime Benefit Riders

Protective Life Corporation

## Guaranteed Income Benefit

Protective Income Builder

| First year benefit: | $\$ 8,400$ |
| ---: | ---: |
| Lifetime income value (Age 95): | $\$ 218,400$ |

American Equity Investment Life Insurance Company
Optional IncomeShield Rider
RateShield 10+ MVA

| First year benefit: | $\$ 8,229$ |
| ---: | ---: |
| Lifetime income value (Age 95): | $\$ 213,964$ |

National Western Life
Income Outlook Plus 5
NWL IMPACT 7 S

| First year benefit: | $\$ 8,030$ |
| ---: | ---: |
| Lifetime income value (Age 95): | $\$ 208,778$ |

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## Payout By Age

This report shows the value of waiting. Each year you wait the income you can receive will increase. The roll up rate will continue to grow and the payout rate will continue to increase for most riders.

## Washington • Premium \$ 100,000 • Age $65 \cdot$ Benefit starts after 5 years at age $70 \cdot$ No interest is used in calculations

Protective Life Corporation

## Guaranteed Income Benefit

Protective Income Builder

| Age | Accumulation |  | Single |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Rollup Rate | Income Base | Payout Rate | LifeTime Payment |
| 65 |  | 100,000 |  |  |
| 66 | 8.00 | 108,000 | 5.25 | 5,670 |
| 67 | 8.00 | 116,000 | 5.25 | 6,090 |
| 68 | 8.00 | 124,000 | 5.25 | 6,510 |
| 69 | 8.00 | 132,000 | 5.25 | 6,930 |
| 70 | 8.00 | 140,000 | 6.00 | 8,400 |
| 71 | 8.00 | 148,000 | 6.00 | 8,880 |
| 72 | 8.00 | 156,000 | 6.00 | 9,360 |
| 73 | 8.00 | 164,000 | 6.00 | 9,840 |
| 74 | 8.00 | 172,000 | 6.00 | 10,320 |
| 75 | 8.00 | 180,000 | 6.00 | 10,800 |
| 76 |  | 180,000 | 6.00 | 10,800 |
| 77 |  | 180,000 | 6.00 | 10,800 |
| 78 |  | 180,000 | 6.00 | 10,800 |
| 79 |  | 180,000 | 6.00 | 10,800 |
| 80 |  | 180,000 | 6.50 | 11,700 |
| 81 |  | 180,000 | 6.50 | 11,700 |
| 82 |  | 180,000 | 6.50 | 11,700 |
| 83 |  | 180,000 | 6.50 | 11,700 |
| 84 |  | 180,000 | 6.50 | 11,700 |
| 85 |  | 180,000 | 7.00 | 12,600 |
| 86 |  | 180,000 | 7.00 | 12,600 |
| 87 |  | 180,000 | 7.00 | 12,600 |
| 88 |  | 180,000 | 7.00 | 12,600 |
| 89 |  | 180,000 | 7.00 | 12,600 |
| 90 |  | 180,000 | 7.50 | 13,500 |
| 91 |  | 180,000 | 7.50 | 13,500 |
| 92 |  | 180,000 | 7.50 | 13,500 |
| 93 |  | 180,000 | 7.50 | 13,500 |
| 94 |  | 180,000 | 7.50 | 13,500 |
| 95 |  | 180,000 | 7.50 | 13,500 |

American Equity Investment Life Insurance
Optional IncomeShield Rider
RateShield 10+ MVA
With 5.00\% Premium Bonus

| Age | Accumulation |  | Single |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Rollup Rate | Income Base | Payout Rate | LifeTime Payment |
| 65 |  | 105,000 |  |  |
| 66 | 8.50 | 113,925 | 5.10 | 5,810 |
| 67 | 8.50 | 122,850 | 5.20 | 6,388 |
| 68 | 8.50 | 131,775 | 5.30 | 6,984 |
| 69 | 8.50 | 140,700 | 5.40 | 7,598 |
| 70 | 8.50 | 149,625 | 5.50 | 8,229 |
| 71 | 8.50 | 158,550 | 5.60 | 8,879 |
| 72 | 8.50 | 167,475 | 5.70 | 9,546 |
| 73 | 8.50 | 176,400 | 5.80 | 10,231 |
| 74 | 8.50 | 185,325 | 5.90 | 10,934 |
| 75 | 8.50 | 194,250 | 6.00 | 11,655 |
| 76 | 8.50 | 203,175 | 6.10 | 12,394 |
| 77 | 8.50 | 212,100 | 6.20 | 13,150 |
| 78 | 8.50 | 221,025 | 6.30 | 13,925 |
| 79 | 8.50 | 229,950 | 6.40 | 14,717 |
| 80 | 8.50 | 238,875 | 6.50 | 15,527 |
| 81 | 8.50 | 247,800 | 6.50 | 16,107 |
| 82 | 8.50 | 256,725 | 6.50 | 16,687 |
| 83 | 8.50 | 265,650 | 6.50 | 17,267 |
| 84 | 8.50 | 274,575 | 6.50 | 17,847 |
| 85 | 8.50 | 283,500 | 6.50 | 18,428 |
| 86 |  | 283,500 | 6.50 | 18,428 |
| 87 |  | 283,500 | 6.50 | 18,428 |
| 88 |  | 283,500 | 6.50 | 18,428 |
| 89 |  | 283,500 | 6.50 | 18,428 |
| 90 |  | 283,500 | 6.50 | 18,428 |
| 91 |  | 283,500 | 6.50 | 18,428 |
| 92 |  | 283,500 | 6.50 | 18,428 |
| 93 |  | 283,500 | 6.50 | 18,428 |
| 94 |  | 283,500 | 6.50 | 18,428 |
| 95 |  | 283,500 | 6.50 | 18,428 |

National Western Life

## Income Outlook Plus 5

NWL IMPACT 7 S
With $5.00 \%$ Premium Bonus

| Age | Accumulation |  | Single |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Rollup Rate | Income Base | Payout Rate | LifeTime Payment |
| 65 |  | 110,000 |  |  |
| 66 | 4.00 | 114,400 |  |  |
| 67 | 4.00 | 118,976 | 5.50 | 6,544 |
| 68 | 4.00 | 123,735 | 5.50 | 6,805 |
| 69 | 4.00 | 128,684 | 5.50 | 7,078 |
| 70 | 4.00 | 133,832 | 6.00 | 8,030 |
| 71 | 4.00 | 139,185 | 6.00 | 8,351 |
| 72 | 4.00 | 144,752 | 6.00 | 8,685 |
| 73 | 4.00 | 150,543 | 6.00 | 9,033 |
| 74 | 4.00 | 156,564 | 6.00 | 9,394 |
| 75 | 4.00 | 162,827 | 6.50 | 10,584 |
| 76 | 1.00 | 164,455 | 6.50 | 10,690 |
| 77 | 1.00 | 166,100 | 6.50 | 10,796 |
| 78 | 1.00 | 167,761 | 6.50 | 10,904 |
| 79 | 1.00 | 169,438 | 6.50 | 11,013 |
| 80 | 1.00 | 171,133 | 7.00 | 11,979 |
| 81 | 1.00 | 172,844 | 7.00 | 12,099 |
| 82 | 1.00 | 174,572 | 7.00 | 12,220 |
| 83 | 1.00 | 176,318 | 7.00 | 12,342 |
| 84 | 1.00 | 178,081 | 7.00 | 12,466 |
| 85 | 1.00 | 179,862 | 7.50 | 13,490 |
| 86 |  | 179,862 | 7.50 | 13,490 |
| 87 |  | 179,862 | 7.50 | 13,490 |
| 88 |  | 179,862 | 7.50 | 13,490 |
| 89 |  | 179,862 | 7.50 | 13,490 |
| 90 |  | 179,862 | 8.00 | 14,389 |
| 91 |  | 179,862 | 8.00 | 14,389 |
| 92 |  | 179,862 | 8.00 | 14,389 |
| 93 |  | 179,862 | 8.00 | 14,389 |
| 94 |  | 179,862 | 8.00 | 14,389 |
| 95 |  | 179,862 | 8.00 | 14,389 |

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## Ledger Comparison

The Ledger Comparison shows the values for each rider selected and
the cumulative payout value at 5 year intervals.

## Washington • Premium \$ 100,000 • Age $65 \cdot$ Benefit starts after 5 years at age $70 \cdot$ No interest is used in calculations

| Protective Life Corporation Guaranteed Income Benefit Protective Income Builder |  |  |  |  | Optional IncomeShield Rider <br> RateShield 10+ MVA <br> With 5.00\% Premium Bonus |  |  |  |  | Income Outlook Plus 5 <br> NWL IMPACT 7 S <br> With 5.00\% Premium Bonus |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | Roll-up Rate | Income Base | Benefit Rate | LifeTime Payment | Age | Roll-up Rate | Income Base | Benefit Rate | LifeTime Payment |  | Roll-up Rate | Income Base | Benefit Rate | LifeTime Payment |
| 65 |  | 100,000 |  |  | 65 |  | 105,000 |  |  | 65 |  | 110,000 |  |  |
| 66 | 8.00 | 108,000 |  |  | 66 | 8.50 | 113,925 |  |  | 66 | 4.00 | 114,400 |  |  |
| 67 | 8.00 | 116,000 |  |  | 67 | 8.50 | 122,850 |  |  | 67 | 4.00 | 118,976 |  |  |
| 68 | 8.00 | 124,000 |  |  | 68 | 8.50 | 131,775 |  |  | 68 | 4.00 | 123,735 |  |  |
| 69 | 8.00 | 132,000 |  |  | 69 | 8.50 | 140,700 |  |  | 69 | 4.00 | 128,684 |  |  |
| 70 | 8.00 | 140,000 | 6.00 | 8,400 | 70 | 8.50 | 149,625 | 5.50 | 8,229 | 70 | 4.00 | 133,832 | 6.00 | 8,030 |
| 71 |  | 140,000 |  | 8,400 | 71 |  | 141,396 |  | 8,229 | 71 |  | 125,802 |  | 8,030 |
| 72 |  | 140,000 |  | 8,400 | 72 |  | 133,166 |  | 8,229 | 72 |  | 117,772 |  | 8,030 |
| 73 |  | 140,000 |  | 8,400 | 73 |  | 124,937 |  | 8,229 | 73 |  | 109,742 |  | 8,030 |
| 74 |  | 140,000 |  | 8,400 | 74 |  | 116,707 |  | 8,229 | 74 |  | 101,712 |  | 8,030 |
| 5 Year Income Total |  |  |  | 42,000 | 5 Year Income Total |  |  |  | 41,147 | 5 Year Income Total |  |  |  | 40,150 |
| 75 |  | 140,000 |  | 8,400 | 75 |  | 108,478 |  | 8,229 | 75 |  | 93,682 |  | 8,030 |
| 76 |  | 140,000 |  | 8,400 | 76 |  | 100,249 |  | 8,229 | 76 |  | 85,652 |  | 8,030 |
| 77 |  | 140,000 |  | 8,400 | 77 |  | 92,019 |  | 8,229 | 77 |  | 77,622 |  | 8,030 |
| 78 |  | 140,000 |  | 8,400 | 78 |  | 83,790 |  | 8,229 | 78 |  | 69,593 |  | 8,030 |
| 79 |  | 140,000 |  | 8,400 | 79 |  | 75,561 |  | 8,229 | 79 |  | 61,563 |  | 8,030 |
| 10 Year Income Total |  |  |  | 84,000 | 10 Year Income Total |  |  |  | 82,294 | 10 Year Income Total |  |  |  | 80,299 |
| 80 |  | 140,000 |  | 8,400 | 80 |  | 67,331 |  | 8,229 | 80 |  | 53,533 |  | 8,030 |
| 81 |  | 140,000 |  | 8,400 | 81 |  | 59,102 |  | 8,229 | 81 |  | 45,503 |  | 8,030 |
| 82 |  | 140,000 |  | 8,400 | 82 |  | 50,872 |  | 8,229 | 82 |  | 37,473 |  | 8,030 |
| 83 |  | 140,000 |  | 8,400 | 83 |  | 42,643 |  | 8,229 | 83 |  | 29,443 |  | 8,030 |
| 84 |  | 140,000 |  | 8,400 | 84 |  | 34,414 |  | 8,229 | 84 |  | 21,413 |  | 8,030 |
| 15 Year Income Total |  |  |  | 126,000 | 15 Year Income Total |  |  |  | 123,441 | 15 Year Income Total |  |  |  | 120,449 |
| 85 |  | 140,000 |  | 8,400 | 85 |  | 26,184 |  | 8,229 | 85 |  | 13,383 |  | 8,030 |
| 86 |  | 140,000 |  | 8,400 | 86 |  | 17,955 |  | 8,229 | 86 |  | 5,353 |  | 8,030 |
| 87 |  | 140,000 |  | 8,400 | 87 |  | 9,726 |  | 8,229 | 87 |  | 0 |  | 8,030 |
| 88 |  | 140,000 |  | 8,400 | 88 |  | 1,496 |  | 8,229 | 88 |  | 0 |  | 8,030 |
| 89 |  | 140,000 |  | 8,400 | 89 |  | 0 |  | 8,229 | 89 |  | 0 |  | 8,030 |
| 20 Year Income Total |  |  |  | 168,000 | 20 Year Income Total |  |  |  | 164,588 | 20 Year Income Total |  |  |  | 160,598 |
| 90 |  | 140,000 |  | 8,400 | 90 |  | 0 |  | 8,229 | 90 |  | 0 |  | 8,030 |
| 91 |  | 140,000 |  | 8,400 | 91 |  | 0 |  | 8,229 | 91 |  | 0 |  | 8,030 |
| 92 |  | 140,000 |  | 8,400 | 92 |  | 0 |  | 8,229 | 92 |  | 0 |  | 8,030 |
| 93 |  | 140,000 |  | 8,400 | 93 |  | 0 |  | 8,229 | 93 |  | 0 |  | 8,030 |
| 94 |  | 140,000 |  | 8,400 | 94 |  | 0 |  | 8,229 | 94 |  | 0 |  | 8,030 |
| 95 |  | 140,000 |  | 8,400 | 95 |  | 0 |  | 8,229 | 95 |  | 0 |  | 8,030 |
| 26 Year Income Total |  |  |  | 218,400 | 26 Year Income Total |  |  |  | 213,964 | 26 Ye | ar Incom | me Total |  | 208,778 |

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The Annual Ledger shows the detail annual calculation revealing how the rider works reflecting all roll up rates, payout rates and current fees.

## Washington • Premium \$ 100,000 • Age $65 \cdot$ Benefit starts after 5 years at age $70 \cdot$ No interest is used in calculations

| Year | Age | Begin Year Accumulation | Interest | Rider Fee | End Year Accumulation | Guaranteed Lifetime Benefit |  |  |  |  | End Year Accumulation w/out Rider |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Roll-up Rate | Income Base | Benefit Rate | Income Amount | Total Income |  |
| 0 | 65 |  |  |  | 105,000 |  | 110,000 |  |  |  | 105,000 |
| 1 | 66 | 105,000 | 0.00 |  | 105,000 | 4.00 | 114,400 |  |  |  | 105,000 |
| 2 | 67 | 105,000 | 0.00 |  | 105,000 | 4.00 | 118,976 |  |  |  | 105,000 |
| 3 | 68 | 105,000 | 0.00 |  | 105,000 | 4.00 | 123,735 |  |  |  | 105,000 |
| 4 | 69 | 105,000 | 0.00 |  | 105,000 | 4.00 | 128,684 |  |  |  | 105,000 |
| 5 | 70 | 102,993 | 0.00 | 2,007 | 94,963 | 4.00 | 133,832 | 6.00 | 8,030 | 8,030 | 105,000 |
| 6 | 71 | 93,076 | 0.00 | 1,887 | 85,046 |  | 125,802 |  | 8,030 | 16,060 | 105,000 |
| 7 | 72 | 83,279 | 0.00 | 1,767 | 75,249 |  | 117,772 |  | 8,030 | 24,090 | 105,000 |
| 8 | 73 | 73,603 | 0.00 | 1,646 | 65,573 |  | 109,742 |  | 8,030 | 32,120 | 105,000 |
| 9 | 74 | 64,047 | 0.00 | 1,526 | 56,018 |  | 101,712 |  | 8,030 | 40,150 | 105,000 |
| 10 | 75 | 54,612 | 0.00 | 1,405 | 46,582 |  | 93,682 |  | 8,030 | 48,179 | 105,000 |
| 11 | 76 | 45,298 | 0.00 | 1,285 | 37,268 |  | 85,652 |  | 8,030 | 56,209 | 105,000 |
| 12 | 77 | 36,103 | 0.00 | 1,164 | 28,073 |  | 77,622 |  | 8,030 | 64,239 | 105,000 |
| 13 | 78 | 27,030 | 0.00 | 1,044 | 19,000 |  | 69,593 |  | 8,030 | 72,269 | 105,000 |
| 14 | 79 | 18,076 | 0.00 | 923 | 10,046 |  | 61,563 |  | 8,030 | 80,299 | 105,000 |
| 15 | 80 | 9,243 | 0.00 | 803 | 1,213 |  | 53,533 |  | 8,030 | 88,329 | 105,000 |
| 16 | 81 | 531 | 0.00 | 683 | 0 |  | 45,503 |  | 8,030 | 96,359 | 105,000 |
| 17 | 82 | 0 |  |  | 0 |  | 37,473 |  | 8,030 | 104,389 | 105,000 |
| 18 | 83 | 0 |  |  | 0 |  | 29,443 |  | 8,030 | 112,419 | 105,000 |
| 19 | 84 | 0 |  |  | 0 |  | 21,413 |  | 8,030 | 120,449 | 105,000 |
| 20 | 85 | 0 |  |  | 0 |  | 13,383 |  | 8,030 | 128,479 | 105,000 |
| 21 | 86 | 0 |  |  | 0 |  | 5,353 |  | 8,030 | 136,508 | 105,000 |
| 22 | 87 | 0 |  |  | 0 |  |  |  | 8,030 | 144,538 | 105,000 |
| 23 | 88 | 0 |  |  | 0 |  |  |  | 8,030 | 152,568 | 105,000 |
| 24 | 89 | 0 |  |  | 0 |  |  |  | 8,030 | 160,598 | 105,000 |
| 25 | 90 | 0 |  |  | 0 |  |  |  | 8,030 | 168,628 | 105,000 |
| 26 | 91 | 0 |  |  | 0 |  |  |  | 8,030 | 176,658 | 105,000 |
| 27 | 92 | 0 |  |  | 0 |  |  |  | 8,030 | 184,688 | 105,000 |
| 28 | 93 | 0 |  |  | 0 |  |  |  | 8,030 | 192,718 | 105,000 |
| 29 | 94 | 0 |  |  | 0 |  |  |  | 8,030 | 200,748 | 105,000 |
| 30 | 95 | 0 |  |  | 0 |  |  |  | 8,030 | 208,778 | 105,000 |

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## Income Outlook Plus 5

The Income Outlook Plus 5 is available to add as a rider to your National Western Life equity indexed annuity only at the time of purchase.

## Withdrawal Payment

The Withdrawal Payment is the amount you choose to receive each year. The Maximum Guaranteed Annual Withdrawal Payment is guaranteed to be paid for your lifetime if no Additional Withdrawals are taken. Your age must be at least after age 60 before Withdrawal Payments may begin. You may begin taking Withdrawal Payments as early as the first Policy Anniversary or any Policy Anniversary you choose after that. The Withdrawal Payments taken under this rider are deducted from the annuity's Account Value and will not incur any withdrawal charges.

## Rider Charge

There is an Annual Rider Charge for this benefit on each Policy Anniversary, beginning with the first. The Annual Rider Charge Rate is determined on the Policy Date and is $1.50 \%$. This rate is guaranteed not to change while this rider is in force unless Restart (as described below) is elected and will never exceed the maximum rate of $1.50 \%$.

## Rider Bonus

There is a Rider Bonus added to the Accumulation Period Withdrawal Payment Base. The Rider Bonus is the Rider Bonus Rate of 5.00 of the rider multiplied by the premium received during the first Policy Year. The Rider Bonus is credited with interest at the same rate as the Account Value of the Policy. The Rider Bonus is available on a pro-rata basis based on the Rider Bonus Vesting Schedule. Additional Withdrawals, full surrender, or annuitization of the Policy. This means the Rider Bonus will not be available in all Policy Years. The Rider Bonus is fully included in the Account Value for purposes of the Death Benefit.

The Income Outlook Plus 5, rider has two periods, the Accumulation Period and the Withdrawal Period. Each period is described as follows.

## During the Accumulation Period

The Accumulation Period Withdrawal Payment Base has a $4.00 \%$ interest rate that is guaranteed each year during the Accumulation Period. The Accumulation Period Withdrawal Payment Base initially equals the premium paid, plus the applicable premium bonus. Additional premiums paid and premium bonuses, if applicable, will be added to the Accumulation Period Withdrawal Payment Base when they are received. Withdrawals made from the Account Value will reduce the Accumulation Period Withdrawal Payment Base.

As the Withdrawal Payment Base grows, so do your guaranteed Withdrawal Payments for life.

## Restart

During the 10 years Accumulation Period, you may Restart the $4.00 \%$ guaranteed interest rate anytime after the fifth Policy Year. At the time you Restart the Accumulation Period, the following will happen:

- The $4.00 \%$ guaranteed interest rate on the Accumulation Period Withdrawal Payment Base will be guaranteed from Restart;
- The Accumulation Period Withdrawal Payment Base will be increased to the annuity's Account Value, if larger; and
- The Annual Rider Charge Rate may change, but will not be higher than the maximum guaranteed charge of $1.50 \%$. You must wait five years after each Restart before beginning a new Accumulation Period.


## Withdrawals

Withdrawals may be made at anytime as provided by the annuity. Withdrawals from your annuity will reduce the Accumulation Period Withdrawal Payment Base by the same percentage reduction made to the annuity's Account Value.

The Accumulation Period ends when you begin taking Withdrawal Payments. At that time, the Withdrawal Period begins.

## During the Withdrawal Period

The Withdrawal Payment amount you choose to receive is guaranteed to be paid for your lifetime if it does not exceed the Maximum Guaranteed Annual Withdrawal Payment. The Maximum Guaranteed Annual Withdrawal Payment will remain level unless there is a Step-Up in the Withdrawal Payment Base, or you take an Additional Withdrawal.

You may receive your Withdrawal Payment annually, semi-annually, quarterly, or monthly. Each payment must be at least $\$ 100$. Any election to start or stop Withdrawal Payments must be received at National Western Life at least 20 days prior to the Policy Anniversary.
When the Withdrawal Period begins:

- The Guaranteed Withdrawal Percentage is determined;
- The Withdrawal Payment Base is increased to the annuity's Account Value if it is larger;
- The Maximum Guaranteed Annual Withdrawal Payment is calculated;
- Any outstanding loan must be repaid; and
- No more loans or Systematic Withdrawals of Interest from the Account Value of the Policy may be taken.

The Guaranteed Withdrawal Percentage is based on your age at the beginning of the Withdrawal Period. This percentage will not change during the Withdrawal Period.

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The Maximum Guaranteed Annual Withdrawal Payment equals the Withdrawal Payment Base multiplied by the Guaranteed Withdrawal Percentage.

Maximum Annual Withdrawal
Pecentage:

| Age | Single | Joint | Age | Single | Joint |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 60-64 | 5.00\% | 4.00\% | 80-84 | 7.00\% | 6.00\% |
| 65-69 | 5.50\% | 4.50\% | 85-89 | 7.50\% | 6.50\% |
| 70-74 | 6.00\% | 5.00\% | 90+ | 8.00\% | 7.00\% |
| 75-79 | 6.50\% | 5.50\% |  |  |  |

## Step-Up

On each Policy Anniversary during the Withdrawal Period, the Withdrawal Payment Base will be compared to the annuity's Account Value. If the Account Value is larger than the Withdrawal Payment Base, the Withdrawal Payment Base will Step-Up to the Account Value.

Following the Step-Up, the Maximum Guaranteed Annual Withdrawal Payment is recalculated and increased, based on this higher Withdrawal Payment Base. These payments are guaranteed for your lifetime.

## Additional Withdrawals

An Additional Withdrawal is any withdrawal that is not a Withdrawal Payment and may be made at anytime during the Withdrawal Period. An Additional Withdrawal will reduce the Withdrawal Payment Base by the same percentage that the annuity's Account Value is reduced, including any surrender charges that may apply.

The Maximum Guaranteed Annual Withdrawal Payment will change to equal the Guaranteed Withdrawal Percentage multiplied by the Withdrawal Payment Base after the Additional Withdrawal. The new Maximum Guaranteed Annual Withdrawal Payment will become effective on the Policy Anniversary following the Additional Withdrawal.

## Rider Bonus Vesting Schedule

For purposes of Additional Withdrawals, full surrenders, or annuitization, the Rider Bonus is available on a pro-rata basis based on the Rider Bonus Vesting Schedule shown below:

| Rider Bonus Vesting <br> Schedule |  |
| :---: | :---: |
| Policy Year | Percentage |
| $1-7$ | $0 \%$ |
| 8 | $25 \%$ |
| 9 | $50 \%$ |
| 10 and Later | $100 \%$ |

Therefore, in accordance with the Rider Bonus Vesting Schedule above, if you take any Additional Withdrawals, fully surrender, or annuitize in years 1-7, no portion of the Rider Bonus will be available to you, and only a limited portion will be available in years 8 and 9 .

Beginning in Policy Year 10, the full Rider Bonus will be available.

## Required Minimum Distributions (RMDs)

If the RMD payment is greater than the Maximum Guaranteed Annual Withdrawal Payment, the additional amount withdrawn to meet the RMD payment will not be considered an Additional Withdrawal.

You may cancel this rider at anytime. The rider will terminate when the annuity terminates for any reason or when the Maximum Guaranteed Annual Withdrawal Payment is less than $\$ 100$.

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The Annual Ledger shows the detail annual calculation revealing how the rider works reflecting all roll up rates, payout rates and current fees.

American Equity Investment Life Insurance Company
RateShield 10+ MVA

## Washington • Premium \$ 100,000 • Age $65 \cdot$ Benefit starts after 5 years at age $70 \cdot$ No interest is used in calculations

| Year | Age | Begin Year Accumulation | Interest | Rider Fee | End Year Accumulation | Guaranteed Lifetime Benefit |  |  |  |  | End Year Accumulation w/out Rider |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Roll-up Rate | Income Base | Benefit Rate | Income Amount | Total Income |  |
| 0 | 65 |  |  |  | 105,000 |  | 105,000 |  |  |  | 105,000 |
| 1 | 66 | 103,950 | 0.00 | 1,050 | 103,950 | 8.50 | 113,925 |  |  |  | 105,000 |
| 2 | 67 | 102,911 | 0.00 | 1,040 | 102,911 | 8.50 | 122,850 |  |  |  | 105,000 |
| 3 | 68 | 101,881 | 0.00 | 1,029 | 101,881 | 8.50 | 131,775 |  |  |  | 105,000 |
| 4 | 69 | 100,863 | 0.00 | 1,019 | 100,863 | 8.50 | 140,700 |  |  |  | 105,000 |
| 5 | 70 | 99,854 | 0.00 | 1,009 | 91,625 | 8.50 | 149,625 | 5.50 | 8,229 | 8,229 | 105,000 |
| 6 | 71 | 90,708 | 0.00 | 916 | 82,479 |  | 141,396 |  | 8,229 | 16,459 | 105,000 |
| 7 | 72 | 81,654 | 0.00 | 825 | 73,425 |  | 133,166 |  | 8,229 | 24,688 | 105,000 |
| 8 | 73 | 72,691 | 0.00 | 734 | 64,461 |  | 124,937 |  | 8,229 | 32,918 | 105,000 |
| 9 | 74 | 63,817 | 0.00 | 645 | 55,587 |  | 116,707 |  | 8,229 | 41,147 | 105,000 |
| 10 | 75 | 55,031 | 0.00 | 556 | 46,802 |  | 108,478 |  | 8,229 | 49,376 | 105,000 |
| 11 | 76 | 46,334 | 0.00 | 468 | 38,105 |  | 100,249 |  | 8,229 | 57,606 | 105,000 |
| 12 | 77 | 37,723 | 0.00 | 381 | 29,494 |  | 92,019 |  | 8,229 | 65,835 | 105,000 |
| 13 | 78 | 29,199 | 0.00 | 295 | 20,970 |  | 83,790 |  | 8,229 | 74,064 | 105,000 |
| 14 | 79 | 20,760 | 0.00 | 210 | 12,531 |  | 75,561 |  | 8,229 | 82,294 | 105,000 |
| 15 | 80 | 12,405 | 0.00 | 125 | 4,176 |  | 67,331 |  | 8,229 | 90,523 | 105,000 |
| 16 | 81 | 4,134 | 0.00 | 42 | 0 |  | 59,102 |  | 8,229 | 98,753 | 105,000 |
| 17 | 82 | 0 |  |  | 0 |  | 50,872 |  | 8,229 | 106,982 | 105,000 |
| 18 | 83 | 0 |  |  | 0 |  | 42,643 |  | 8,229 | 115,211 | 105,000 |
| 19 | 84 | 0 |  |  | 0 |  | 34,414 |  | 8,229 | 123,441 | 105,000 |
| 20 | 85 | 0 |  |  | 0 |  | 26,184 |  | 8,229 | 131,670 | 105,000 |
| 21 | 86 | 0 |  |  | 0 |  | 17,955 |  | 8,229 | 139,899 | 105,000 |
| 22 | 87 | 0 |  |  | 0 |  | 9,726 |  | 8,229 | 148,129 | 105,000 |
| 23 | 88 | 0 |  |  | 0 |  | 1,496 |  | 8,229 | 156,358 | 105,000 |
| 24 | 89 | 0 |  |  | 0 |  |  |  | 8,229 | 164,588 | 105,000 |
| 25 | 90 | 0 |  |  | 0 |  |  |  | 8,229 | 172,817 | 105,000 |
| 26 | 91 | 0 |  |  | 0 |  |  |  | 8,229 | 181,046 | 105,000 |
| 27 | 92 | 0 |  |  | 0 |  |  |  | 8,229 | 189,276 | 105,000 |
| 28 | 93 | 0 |  |  | 0 |  |  |  | 8,229 | 197,505 | 105,000 |
| 29 | 94 | 0 |  |  | 0 |  |  |  | 8,229 | 205,735 | 105,000 |
| 30 | 95 | 0 |  |  | 0 |  |  |  | 8,229 | 213,964 | 105,000 |

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## Optional IncomeShield Rider

Optional IncomeShield Rider, a lifetime income benefit rider, is available with your contract if the owner and annuitant are the same person and age $50+$ at time of issue, unless the owner is not a natural person. If the owner is not a natural person, the annuitant will be treated as the owner for the purposes of this rider. If the Optional IncomeShield Rider is elected, the Optional IncomeShield Rider's Income Account Value (IAV) is the value used to calculate income payments under this rider.

## IAC Calculation

Interest is calculated on the Income Account Value principal (the sum of premiums paid and bonuses credited, less any withdrawals) on a simple interest basis using Income Account Value (IAV) rate. The IAV rate is set at issue and is guaranteed for the accumulation period of 20 years. The (IAV) is a value used only to calculate Income Payments. It is not part of the contract value and is not available for partial withdrawal or in a lump sum.

## Income Payments

Income payments may begin any time after the first contract anniversary and are available without a withdrawal charge or having to annuitize the contract. The amount of income available will depend on multiple factors, such as the amount of time the Income Account Value (IAV) grows, age at the time payments begin, and the frequency of the payment option chosen. Income payments are guaranteed for life, subject to the withdrawals provision of the IncomeShield.

When the owner elects to begin receiving income payments, either a single life or joint life payout may be chosen. The single life payout is based on the owner's gender and age at the time income payments are elected. For the joint life payout option, the payment is based on the youngest age of the contract owner or spouse, and income payments are guaranteed until the death of the surviving spouse subject to the spousal continuation provision.

## Treatment of Withdrawals

Income payments are considered withdrawals from the annuity contract, and reduce both the Income Account Value (IAV) and contract value on a dollar for dollar basis.

- Any withdrawals, free or otherwise, taken on the contract before income payments begin will reduce the Income Account Value (IAV) on a pro-rata basis.
- Any withdrawal from the contract value during the income period in excess of the income payment is considered an excess withdrawal and will reduce future income payment amounts and the Income Account Value (IAV) on a pro-rata basis.
- If in any one contract year the amount of any withdrawal plus the income payment exceeds the amount available as a free withdrawal under the contract, a withdrawal charge will apply to the amount that exceeds the amount available as a free withdrawal.
- If an excess withdrawal reduces the contract value to zero, the Income Account Value (IAV) will also be reduced to zero, and the contract and rider will be considered to be surrendered. Any remaining income payments would also terminate.


## Rider Fee

The current annual fee for the Optional IncomeShield Rider is $1.00 \%$ and is set at issue. The rider fee is charged annually against your base contract's contract Value on your contract's anniversary and continues until either the rider or base contract terminates.

## Tax Treatment

All income payments are considered a withdrawal from the contract value, and any part of the withdrawal that is deferred interest is taxable as income. If the contract is in a qualified plan, the entire amount of the withdrawal may be taxable. We calculate the taxation of income payments as outlined in the Internal Revenue Code. In addition, the taxable portion of any withdrawal taken before age $591 / 2$ may be subject to an additional penalty of $10 \%$ by the Internal Revenue Service.

## Rider Continuation/Termination

If the owner's spouse is sole primary beneficiary of the contract, elects spousal continuation, and is at least age 50, then income benefits may continue. Details and available options can be found in the contract.

The Optional IncomeShield Rider will terminate and income payments will stop upon the earliest of the owner's written request, the date the contract terminates, the date the contract is annuitized, or the date the owner of the contract changes. Once the Optional IncomeShield Rider terminates, it may not be reinstated.

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The Annual Ledger shows the detail annual calculation revealing how the rider works reflecting all roll up rates, payout rates and current fees.

Protective Life Corporation
Protective Income Builder
Washington • Premium \$ 100,000 • Age $65 \cdot$ Benefit starts after 5 years at age $70 \cdot$ No interest is used in calculations

| Year | Age | Begin Year Accumulation | Interest | Rider Fee | End Year Accumulation | Guaranteed Lifetime Benefit |  |  |  |  | End Year Accumulation w/out Rider |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Roll-up Rate | Income Base | Benefit Rate | Income Amount | Total Income |  |
| 0 | 65 |  |  |  | 100,000 |  | 100,000 |  |  |  | 100,000 |
| 1 | 66 | 98,920 | 0.00 | 1,080 | 98,920 | 8.00 | 108,000 |  |  |  | 100,000 |
| 2 | 67 | 97,760 | 0.00 | 1,160 | 97,760 | 8.00 | 116,000 |  |  |  | 100,000 |
| 3 | 68 | 96,520 | 0.00 | 1,240 | 96,520 | 8.00 | 124,000 |  |  |  | 100,000 |
| 4 | 69 | 95,200 | 0.00 | 1,320 | 95,200 | 8.00 | 132,000 |  |  |  | 100,000 |
| 5 | 70 | 93,800 | 0.00 | 1,400 | 85,400 | 8.00 | 140,000 | 6.00 | 8,400 | 8,400 | 100,000 |
| 6 | 71 | 84,000 | 0.00 | 1,400 | 75,600 |  | 140,000 |  | 8,400 | 16,800 | 100,000 |
| 7 | 72 | 74,200 | 0.00 | 1,400 | 65,800 |  | 140,000 |  | 8,400 | 25,200 | 100,000 |
| 8 | 73 | 64,400 | 0.00 | 1,400 | 56,000 |  | 140,000 |  | 8,400 | 33,600 | 100,000 |
| 9 | 74 | 54,600 | 0.00 | 1,400 | 46,200 |  | 140,000 |  | 8,400 | 42,000 | 100,000 |
| 10 | 75 | 44,800 | 0.00 | 1,400 | 36,400 |  | 140,000 |  | 8,400 | 50,400 | 100,000 |
| 11 | 76 | 35,000 | 0.00 | 1,400 | 26,600 |  | 140,000 |  | 8,400 | 58,800 | 100,000 |
| 12 | 77 | 25,200 | 0.00 | 1,400 | 16,800 |  | 140,000 |  | 8,400 | 67,200 | 100,000 |
| 13 | 78 | 15,400 | 0.00 | 1,400 | 7,000 |  | 140,000 |  | 8,400 | 75,600 | 100,000 |
| 14 | 79 | 5,600 | 0.00 | 1,400 | 0 |  | 140,000 |  | 8,400 | 84,000 | 100,000 |
| 15 | 80 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 92,400 | 100,000 |
| 16 | 81 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 100,800 | 100,000 |
| 17 | 82 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 109,200 | 100,000 |
| 18 | 83 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 117,600 | 100,000 |
| 19 | 84 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 126,000 | 100,000 |
| 20 | 85 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 134,400 | 100,000 |
| 21 | 86 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 142,800 | 100,000 |
| 22 | 87 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 151,200 | 100,000 |
| 23 | 88 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 159,600 | 100,000 |
| 24 | 89 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 168,000 | 100,000 |
| 25 | 90 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 176,400 | 100,000 |
| 26 | 91 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 184,800 | 100,000 |
| 27 | 92 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 193,200 | 100,000 |
| 28 | 93 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 201,600 | 100,000 |
| 29 | 94 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 210,000 | 100,000 |
| 30 | 95 | 0 |  |  | 0 |  | 140,000 |  | 8,400 | 218,400 | 100,000 |

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## Guaranteed Income Benefit

## Calculating the Benefit Base

The initial Benefit Base is equal to the Contract Value on the Issue Date. Thereafter, the company will increase the Benefit Base dollar-for-dollar for Purchase Payments credited to the Contract before the Benefit Election Date.

We reduce the Benefit Base pro-rata for each withdrawal before the Benefit Election Date. The pro-rata reduction for each withdrawal is the dollar amount that reduces the Benefit Base in the same proportion that the amount deducted to satisfy the withdrawal request reduced the Contract Value.

Unless you decline a Benefit Cost change, you may be eligible for Benefit Base increases on specified Contract Anniversaries. Those increases, and - where applicable - the factors that determine them, are explained below. However, the Benefit Base may not exceed the Maximum Benefit Base shown above.

Step-Up
If, on any Contract Anniversary before the Annuity Date, the Contract Value is greater than the Benefit Base after applying the Benefit Base increase(s) described below, we will step-up the Benefit Base to equal the Contract Value as of that date.

Roll-Up
On each Contract Anniversary during the Roll-Up Period, we calculate a Roll-Up Increase and add it to the Benefit Base. Generally, the Roll-Up Period starts on the Issue Date and ends immediately after the 10th Contract Anniversary. However, the Roll-Up Period will end on the day any of the following first occur:

- you decline a Benefit Cost change,
- you establish the Benefit Election Date;
- this rider terminates.


## Calculating the Annual Withdrawal Amount

The Annual Withdrawal Amount is equal to the Benefit Base as of the date the Annual Withdrawal Amount is being calculated, multiplied by the applicable Withdrawal Percentage shown on the Rider Schedule. For the purpose of identifying the applicable Withdrawal Percentage, 'Attained Age' is the (younger) Covered Person's age on the later of the Issue Date or the most recent prior Contract Anniversary.
Maximum Annual Withdrawal Pecentage:

| Age Single Joint |
| :---: |
| $59-64$ 4.50\% $4.00 \%$ |
| $65-695.25 \% ~ 4.75 \%$ |
| $70-796.00 \% ~ 5.50 \%$ |
| $80-84 \quad 6.50 \% \quad 6.00 \%$ |
| $85-897.00 \% \quad 6.50 \%$ |
| $90-957.50 \% \quad 7.00 \%$ |

The initial Annual Withdrawal Amount is calculated as of the Benefit Election Date. Thereafter, we recalculate the Annual Withdrawal Amount only on Contract Anniversaries, and only if the Benefit Base or the applicable Withdrawal Percentage changed since the Annual Withdrawal Amount was last calculated. However, if you decline a Benefit Cost change you will forfeit any future attained age Withdrawal Percentage increases to which you may otherwise be entitled. That means, the Withdrawal Percentage for the remaining portion of the Benefit Period will be:

- the Withdrawal Percentage associated with the (younger) Covered Person's attained age used to calculate the initial Annual Withdrawal Amount as of the Benefit Election Date, if you decline a Benefit Cost change on or before that date; or,
- the Withdrawal Percentage associated with the (younger) Covered Person's attained age as of the Contract Anniversary that began the Contract Year during which you decline the Benefit Cost change, if that occurs after your Benefit Election Date.


## Termination

You may not terminate this rider while the Contract remains in force. However, the rider, every benefit it provides, and deduction of the monthly fee terminate as of the date any of the following first occur:

- The (last surviving) Covered Person dies.
- The Contract Value is applied to an Annuity Option.
- The Contract to which this rider is attached is surrendered or otherwise terminated.

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