

## Amerykon 3.0

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **37**
- SRM **4.8**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.1 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.6 liter(s) / kg**
- Mash size **19.9 liter(s)**
- Total mash volume **25.4 liter(s)**

### Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **19.9 liter(s)** of strike water to **56.4C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.7 liter(s)** of **76C** water or to achieve **30.1 liter(s)** of wort

### Fermentables

| Type  | Name                       | Amount           | Yield | EBC |
|-------|----------------------------|------------------|-------|-----|
| Grain | Viking Pale Ale malt       | 4.125 kg (74.7%) | 80 %  | 5   |
| Grain | Caramel/Crystal Malt - 40L | 0.1 kg (1.8%)    | 74 %  | 79  |
| Grain | Platki owsiane             | 0.3 kg (5.4%)    | 85 %  | 3   |
| Grain | dekstrynowy                | 0.6 kg (10.9%)   | 80 %  | 14  |
| Grain | Strzegom Pszeniczny        | 0.4 kg (7.2%)    | 81 %  | 6   |

### Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Simcoe  | 14 g   | 40 min | 13.2 %     |
| Aroma (end of boil) | Chinook | 20 g   | 20 min | 13 %       |
| Whirlpool           | Simcoe  | 23 g   | 15 min | 13.2 %     |

### Yeasts

| Name                 | Type | Form | Amount | Laboratory |
|----------------------|------|------|--------|------------|
| Danstar - Nottingham | Ale  | Dry  | 11.5 g | Danstar    |

## Extras

| Type   | Name | Amount | Use for | Time   |
|--------|------|--------|---------|--------|
| Fining | mech | 10 g   | Boil    | 15 min |