

Zachodnie Roztocze PIPA

- Gravity **15 BLG**
- ABV ---
- IBU **65**
- SRM **8.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **5 %/h**
- Boil size **24.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.9 liter(s)**
- Total mash volume **13.2 liter(s)**

Steps

- Temp **65 C**, Time **60 min**

Mash step by step

- Heat up **9.9 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **24.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|----------------------|--------------|-------|-----|
| Liquid Extract | Bruntal | 1.7 kg (34%) | 75 % | 26 |
| Grain | Wiking caramel 30 | 0.5 kg (10%) | 79 % | 40 |
| Grain | Viking Pale Ale malt | 2.5 kg (50%) | 79 % | 5 |
| Grain | Viking Wheat Malt | 0.3 kg (6%) | 83 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil | Junga | 15 g | 25 min | 11 % |
| Boil | Magnat | 15 g | 25 min | 12.5 % |
| Boil | Marynka | 15 g | 25 min | 8.8 % |
| Aroma (end of boil) | Junga | 25 g | 7 min | 11 % |
| Aroma (end of boil) | Magnat | 25 g | 7 min | 12.5 % |
| Aroma (end of boil) | Marynka | 25 g | 7 min | 8.8 % |
| Aroma (end of boil) | Sybilla | 25 g | 7 min | 6.5 % |
| Whirlpool | Marynka | 25 g | 0 min | 8.8 % |
| Whirlpool | Sybilla | 25 g | 0 min | 6.5 % |
| Whirlpool | Magnat | 25 g | 0 min | 12.5 % |
| Whirlpool | Junga | 25 g | 0 min | 11 % |

Yeasts

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|--------------|-------------|-------------|---------------|-------------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |