

## HAPA 13.5 blg

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **30**
- SRM **6.8**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **10 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **0 min**
- Evaporation rate **1 %/h**
- Boil size --- **liter(s)**

### Fermentables

| Type           | Name                                 | Amount        | Yield | EBC |
|----------------|--------------------------------------|---------------|-------|-----|
| Liquid Extract | Superior Malt<br>Poldingroup - jasny | 3.5 kg (100%) | 80 %  | 15  |

### Hops

| Use for   | Name              | Amount | Time   | Alpha acid |
|-----------|-------------------|--------|--------|------------|
| Whirlpool | Marynka           | 30 g   | 30 min | 7.6 %      |
| Whirlpool | Cascade           | 25 g   | 20 min | 6 %        |
| Whirlpool | Centennial        | 25 g   | 20 min | 4.7 %      |
| Whirlpool | Falconer's Flight | 25 g   | 20 min | 10.3 %     |

### Yeasts

| Name                            | Type | Form | Amount | Laboratory |
|---------------------------------|------|------|--------|------------|
| Gozdawa - East Cost<br>01 Conan | Ale  | Dry  | 10 g   | Gozdawa    |

### Extras

| Type  | Name             | Amount | Use for  | Time |
|-------|------------------|--------|----------|------|
| Other | Hopzoil Amarillo | 1 g    | Bottling | ---  |