

## HAPA 13.5 blg

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- 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 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 01 Conan	Ale	Dry	10 g	Gozdawa

### Extras

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