

Mbsm.pro, Compressor ,HYE113Y, Hbp, 3/8 hp, 455w, r134a

 mbsm.pro/62902.html

March 22, 2025



The information provided matches the specifications of the **Trucool Huayi HY113YZ Compressor** from the uploaded document. Below is a comparison and verification of the details:

Key Specifications:

1. **Model** : HY113YZ (matches HYE113Y as a variant)
2. **Application** : High Back Pressure (HBP) ✓
3. **Power Input** : 455W ✓
4. **Refrigerant** : R134a ✓
5. **Horsepower** :
3/8 hp
6. **Cooling Capacity** :
860 Kcal/Hr or 3414 Btu/Hr ✓
7. **EER (Energy Efficiency Ratio)** : 7.50 Btu/W.Hr ✓
8. **Displacement** : 11.3 cm³ ✓
9. **Voltage Range** : 187-253V ✓

Additional Details:

- **Motor Type** : CSIR (Capacitor Start Induction Run) ✓
- **Cooling Method** : Fan Cooling ✓
- **Electrical Accessories** :
 - Start Relay: QL2-9.5 B3
 - Thermal Protector: B120-135/B
 - Start Capacitor: 60uF/[61uF]

Weights:

- **Net Weight** : 11.4 kg ✓
- **Gross Weight** : 12.5 kg ✓



trucool™

Model : HY113YZ

High Back Pressure



Refrigerant : R134a
 Application : High Back Bressure (HBP)
 Motor Type : CSIR
 Cooling Method : Fan Cooling

Electrical Accessories :

Start Relay : QL2-9.5 B3
 Thermal Protector : B120-135/B
 Start Capacitor : 60 μ F/ [61 μ F]

Cooling Capacity	Kcal/Hr	860
	Btu/Hr	3414
Power Input	W	455
EER	Btu/W.Hr	7.50
Displacement	Cm3	11.3
Oil Charge	cc	330
Voltage Range*	v	187-253
Net Weight	Kg	11.4
Gross Weight	Kg	12.5

https://www.mbsm.pro/wp-content/uploads/2025/03/Mbsm_dot_pro_private_PDF-trucool-huayi-hy113yz-compressor.pdf

Brand	Trucool Huayi
Power	455 W
Compressor Technology	Reciprocating Compressor

Model Name/Number	HY113YZ
Lubrication Style	Oil
Voltage	254 V
Refrigerant	R134a
Application	High Back Pressure (HBP)
Motor Type	CSIR
Cooling Method Type	Fan Cooling
Cooling Capacity	860 Kcal/Hr, 3414 Btu/Hr
EER	7.50 Btu/W.Hr
Displacement	11.3 Cm ³
Oil Charge	330 CC
Net Weight	11.4 Kg
Gross Weight	12.5 Kg
Start Relay	QL2-9.5 B3
Thermal Protector	B120-135/B
Start Capacitor	60 Mu F/[61 Mu F]





Attachment

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