

Subtype AH-100NH4GFB00

Certificate Holder	Hisense Air Conditioning Co. Ltd.
Address	No. 1 Hisense Road, Nancun Town Pingdu
ZIP	266736
City	Qingdao, Shandong Province
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	AH-100NH4GFB00
Registration number	011-1W1081
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R290
Mass of Refrigerant	0.148 kg
Certification Date	11.08.2025
Testing basis	HP KEYMARK certification scheme rules rev. 14

**Model AH-100NH4GFB00**

Model name	AH-100NH4GFB00
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

**General data**

Power supply	1x230V 50Hz
Off-peak product	No

**Heat Pump for Domestic Hot Water (DHW)****EN 16147 | Operating test**

Temperature operating range	2
Safety devices checking test	2
Condensate draining	2

**EN 12102-2 | Average Climate**

Sound power level indoor	47 dB(A)
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**EN 16147 | Average Climate**

Declared load profile	M
Efficiency $\eta_{DHW}$	115 %
COP	2.75
Heating up time	6:32 h:min
Standby power input	19.0 W
Reference hot water temperature	47.8 °C
Mixed water at 40°C	110 l

**EN 12102-2 | Colder Climate**

Sound power level indoor	47 dB(A)
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**EN 16147 | Colder Climate**

Declared load profile	M
Efficiency $\eta_{DHW}$	100 %
COP	2.38
Heating up time	7:23 h:min
Standby power input	20.0 W
Reference hot water temperature	47.7 °C
Mixed water at 40°C	106 l

**EN 12102-2 | Warmer Climate**

Sound power level indoor 47 dB(A)

EN 16147 | Warmer Climate

Declared load profile	M
Efficiency $\eta_{DHW}$	143 %
COP	3.40
Heating up time	5:28 h:min
Standby power input	16.0 W
Reference hot water temperature	47.7 °C
Mixed water at 40°C	114 l