

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 η_{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 η_{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 η_{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