

Subtype Fulda M7

Certificate Holder	Innova S.r.l.
Address	Via 1° Maggio, 8
ZIP	38089
City	STORO (TN)
Country	IT
Certification Body	Kiwa Nederland B.V.
Subtype title	Fulda M7
Registration number	007-DQ0213
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.6 kg
Certification Date	05.12.2025
Testing basis	European KEYMARK Scheme for Heat Pumps (v15)
Testing laboratory	KIWA, NL

Model Fulda M7 M		
Model name	Fulda M7 M	
Application	Heating (medium temp)	
Units	Outdoor	
Climate zone (for heating)	Colder, Warmer	
Reversibility	Yes	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	1x230V 50Hz	
Off-peak product	n/a	
Outdoor Air/Water		
EN 14511-2 Heating		
	Low temperature	Medium temperature
Heat output	6.70 kW	6.40 kW
El input	kW	kW
COP	4.90	3.20
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	186 %	143 %
Prated	5.90 kW	5.50 kW
SCOP	4.73	3.65
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.25 kW	4.90 kW
COP Tj = -7°C	2.85	2.15
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.15 kW	2.95 kW
COP Tj = +2°C	4.50	3.45
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.05 kW	2.05 kW
COP Tj = +7°C	6.30	5.10
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	10.20	7.80
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.90 kW	5.50 kW
COP Tj = Tbiv	2.75	2.05

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW	5.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	2.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2579 kWh	3110 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	153 %	127 %
Prated	8.80 kW	8.20 kW
SCOP	3.89	3.24
Tbiv	-10 °C	-10 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.30 kW	5.00 kW
COP Tj = -7°C	3.05	2.45
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.20 kW	3.05 kW
COP Tj = +2°C	4.80	4.10
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.10 kW	1.95 kW
COP Tj = +7°C	6.90	5.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.35 kW
COP Tj = 12°C	10.20	8.60
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.00 kW	5.60 kW
COP Tj = Tbiv	2.90	2.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.20 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	2.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900

WTOL	75 °C	75 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.60 kW	3.20 kW
Annual energy consumption Qhe	5575 kWh	6234 kWh
Pdh Tj = -15°C (if TOL	6.10	5.90
COP Tj = -15°C (if TOL	2.70	2.10
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	265 %	192 %
Prated	5.30 kW	5.20 kW
SCOP	6.71	4.88
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.30 kW	5.20 kW
COP Tj = +2°C	3.10	2.40
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.40 kW	3.35 kW
COP Tj = +7°C	5.90	4.10
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.35 kW	2.25 kW
COP Tj = 12°C	9.10	6.80
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.30 kW	5.20 kW
COP Tj = Tbiv	3.10	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.10	2.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	0 W	0 W

Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q _{he}	1056 kWh	1424 kWh