Subtype Ecodan Multi Inverter 4+170D	
Certificate Holder	Mitsubishi Electric Air Conditioning Systems Europe LTD
Address	Nettlehill Road, Houston Industrial Estate
ZIP	EH54 5EQ
City	Livingston
Country	GB
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)
Subtype title	Ecodan Multi Inverter 4+170D
Registration number	037-0095-22
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	2.4 kg
Certification Date	21.11.2022
Testing basis	hp Keymark scheme rules rev. no. 9
Testing laboratory	SZU Brno, CZ

Model PXZ-4F75VG + EHST17D-*M*D	
Model name	PXZ-4F75VG + EHST17D-*M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
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	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	117 %
COP	2.83
Heating up time	2:06 h:min
Standby power input	35 W
Reference hot water temperature	55.5 °C
Mixed water at 40°C	236 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	7.5 kW	7.5 kW
El input	1.8 kW	2.92 kW
COP	4.17	2.57

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	154 %	113 %

Prated	6.1 kW	6.1 kW
SCOP	3.92	2.91
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.4 kW	5.4 kW
COP Tj = -7°C	2.44	1.57
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	3.31 kW	3.58 kW
COP Tj = +2°C	4.08	3.04
Cdh Tj = +2 °C	0.982	0.987
Pdh Tj = +7°C	2.16 kW	2.25 kW
COP Tj = +7°C	5.07	3.96
Cdh Tj = +7 °C	0.965	0.974
Pdh Tj = 12°C	1.59 kW	1.49 kW
COP Tj = 12°C	5.51	4.51
Cdh Tj = +12 °C	0.948	0.955
Pdh Tj = Tbiv	5.4 kW	5.4 kW
COP Tj = Tbiv	2.44	1.57
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.01 kW	4.51 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.31	1.33
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	55 °C	55 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.09 kW	1.59 kW
Annual energy consumption Qhe	3212 kWh	4335 kWh

Model PXZ-4F75VG + ERST17D-*M*D

Model name	PXZ-4F75VG + ERST17D-*M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
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 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	117 %
COP	2.83
Heating up time	2:06 h:min
Standby power input	35 W
Reference hot water temperature	55.5 °C
Mixed water at 40°C	236 l

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	7.5 kW	7.5 kW
El input	1.8 kW	2.92 kW
COP	4.17	2.57

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature

ηs	154 %	113 %
Prated	6.1 kW	6.1 kW
SCOP	3.92	2.91
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.4 kW	5.4 kW
COP Tj = -7°C	2.44	1.57
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	3.31 kW	3.58 kW
COP Tj = +2°C	4.08	3.04
Cdh Tj = +2 °C	0.982	0.987
Pdh Tj = +7°C	2.16 kW	2.25 kW
COP Tj = +7°C	5.07	3.96
Cdh Tj = +7 °C	0.965	0.974
Pdh Tj = 12°C	1.59 kW	1.49 kW
COP Tj = 12°C	5.51	4.51
Cdh Tj = +12 °C	0.948	0.955
Pdh Tj = Tbiv	5.4 kW	5.4 kW
COP Tj = Tbiv	2.44	1.57
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.01 kW	4.51 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.31	1.33
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WTOL	55 °C	55 °C
Poff	15 W	15 W
PTO	15 W	15 W
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.09 kW	1.59 kW
Annual energy consumption Qhe	3212 kWh	4335 kWh

Model PXZ-4F75VG + EHST17D-*M*E	
Model name	PXZ-4F75VG + EHST17D-*M*E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
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	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	121 %
COP	2.95
Heating up time	2:21 h:min
Standby power input	30.2 W
Reference hot water temperature	53 °C
Mixed water at 40°C	236 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	7.5 kW	7.5 kW
El input	1.8 kW	2.92 kW
COP	4.17	2.57

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
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EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	154 %	113 %

Prated	6.1 kW	6.1 kW
SCOP	3.92	2.91
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.4 kW	5.4 kW
COP Tj = -7°C	2.44	1.57
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WTOL	55 °C	55 °C
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.09 kW	1.59 kW
Annual energy consumption Qhe	3212 kWh	4335 kWh

Model PXZ-4F75VG + ERST17D-*M*E

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Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
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

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EN 14825 | Average Climate

	Low temperature	Medium temperature

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