

## Subtype Samsung EHS TDM Plus R410A 12kW &amp; 16kW (space heating/ 260L)

Certificate Holder	Samsung Electronics Air Conditioner Europe B.V.
Address	Evert van de Beekstraat 310
ZIP	1118 CX
City	Schiphol
Country	NL
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Samsung EHS TDM Plus R410A 12kW & 16kW (space heating/ 260L)
Registration number	011-1W0378
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	3.5 kg
Certification Date	29.07.2020
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 7

## Model AE120MXTPEH/EU &amp; AE260TNWTEH/EU

Model name	AE120MXTPEH/EU & AE260TNWTEH/EU
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
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	XL
Efficiency $\eta_{DHW}$	95 %
COP	2.45
Heating up time	2:10 h:min
Standby power input	85.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	290 l

## EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	110 %
COP	2.64
Heating up time	1:49 h:min
Standby power input	75.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	290 l

## Model AE120MXTPGH/EU &amp; AE260TNWTEH/EU

Model name	AE120MXTPGH/EU & AE260TNWTEH/EU
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

## General data

Power supply	3x400V 50Hz
Off-peak product	n/a

## Outdoor Air/Water

## EN 16147 | Average Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	95 %
COP	2.45
Heating up time	2:10 h:min
Standby power input	85.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	290 l

## EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	110 %
COP	2.64
Heating up time	1:49 h:min
Standby power input	75.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	290 l

## Model AE160MXTPEH/EU &amp; AE260TNWTEH/EU

Model name	AE160MXTPEH/EU & AE260TNWTEH/EU
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
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	XL
Efficiency $\eta_{DHW}$	95 %
COP	2.45
Heating up time	2:10 h:min
Standby power input	85.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	290 l

## EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	110 %
COP	2.64
Heating up time	1:49 h:min
Standby power input	75.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	290 l

## Model AE160MXTPGH/EU &amp; AE260TNWTEH/EU

Model name	AE160MXTPGH/EU & AE260TNWTEH/EU
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

## General data

Power supply	3x400V 50Hz
Off-peak product	n/a

## Outdoor Air/Water

## EN 16147 | Average Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	95 %
COP	2.45
Heating up time	2:10 h:min
Standby power input	85.0 W
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