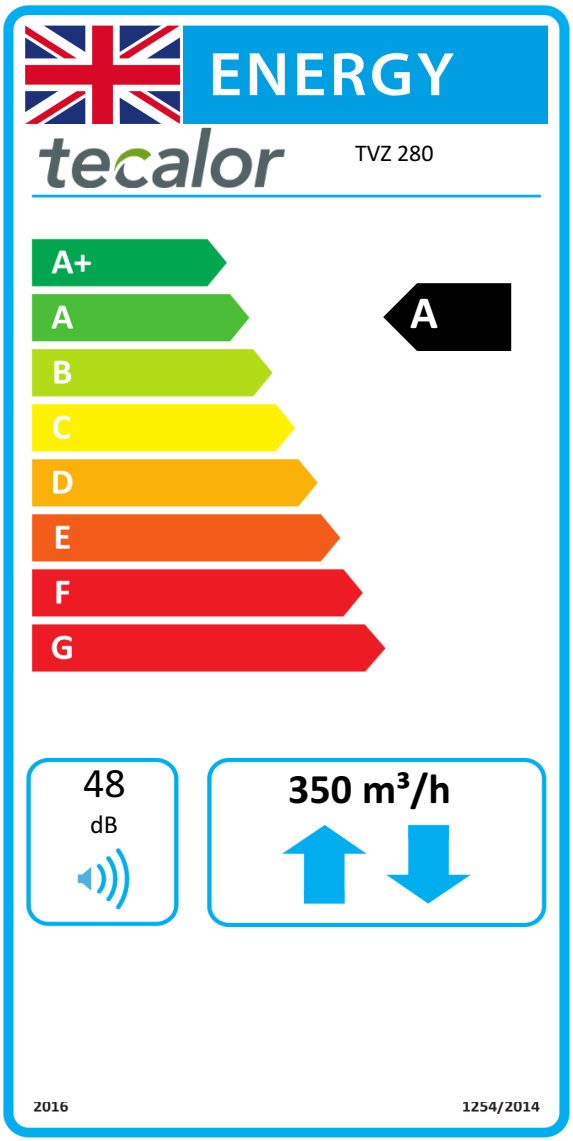
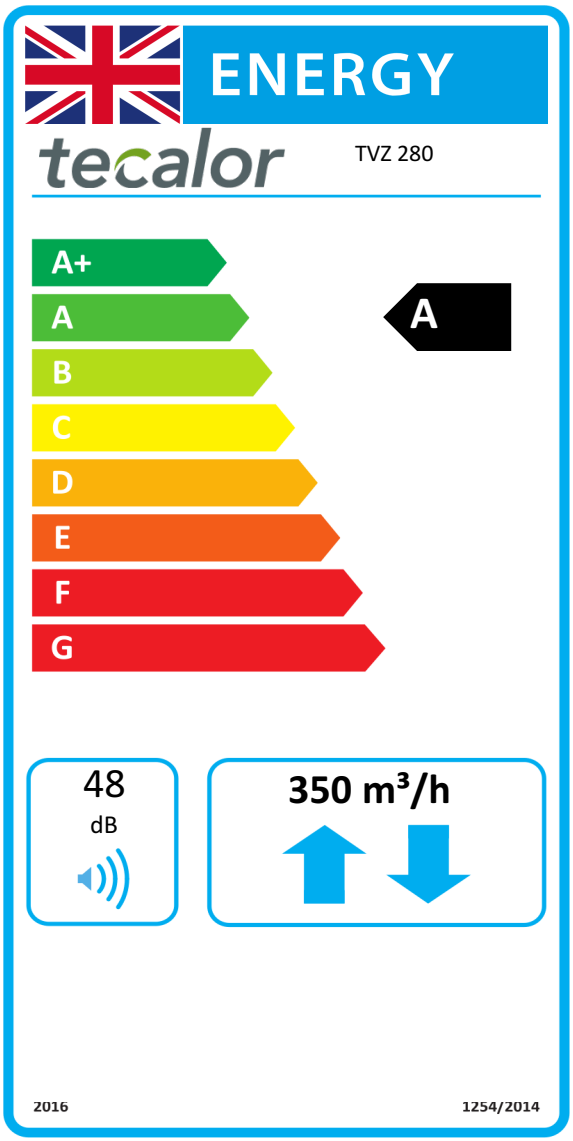

ENERGY
tecalor
TVZ 280
A+
A
B
C
D
E
F
G
A
48
dB
350 m³/h
2016
1254/2014

**Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014**

| | | **TVZ 280** |
|---|---|---|
| | | 190320 |
| Manufacturer | | tecalor |
| Specific energy consumption under colder climate conditions with central demand-dependent control | kWh/(m²a) | -79,10 |
| Specific energy consumption under average climate conditions with central demand-dependent control | kWh/(m²a) | -40,63 |
| Specific energy consumption under warmer climate conditions with central demand-dependent control | kWh/(m²a) | -15,98 |
| Energy efficiency class under colder climate conditions with central demand-dependent control | | A+ |
| Energy efficiency class under average climate conditions with central demand-dependent control | | A |
| Energy efficiency class under warmer climate conditions with central demand-dependent control | | E |
| Ventilation unit type | | Zwei Richtungen |
| Drive type | | Drehzahlgeregelt |
| Heat recovery type | | Rekuperativ |
| Rate of temperature change for heat recovery | % | 88,3 |
| Max. air flow rate | m³/h | 350 |
| Max. power consumption | W | 115 |
| Sound power level LWA | dB(A) | 48 |
| Reference air flow rate | m³/s | 0,068 |
| Reference pressure differential | Pa | 50 |
| Specific power input | W/(m³/h) | 0,21 |
| Control factor, central demand-dependent control | | 0,85 |
| Internal air leakage quota | % | 0,45 |
| External air leakage quota | % | 0,32 |
| Annual power consumption under colder climate conditions with central demand-dependent control | kWh/a | 790 |
| Annual power consumption under average climate conditions with central demand-dependent control | kWh/a | 253 |
| Annual power consumption under warmer climate conditions with central demand-dependent control | kWh/a | 208 |
| Annual heating savings under colder climate conditions with central demand-dependent control | kWh/a | 8967 |
| Annual heating savings under average climate conditions with central demand-dependent control | kWh/a | 4584 |
| Annual heating savings under warmer climate conditions with central demand-dependent control | kWh/a | 2073 |


ENERGY
tecalor
TVZ 280
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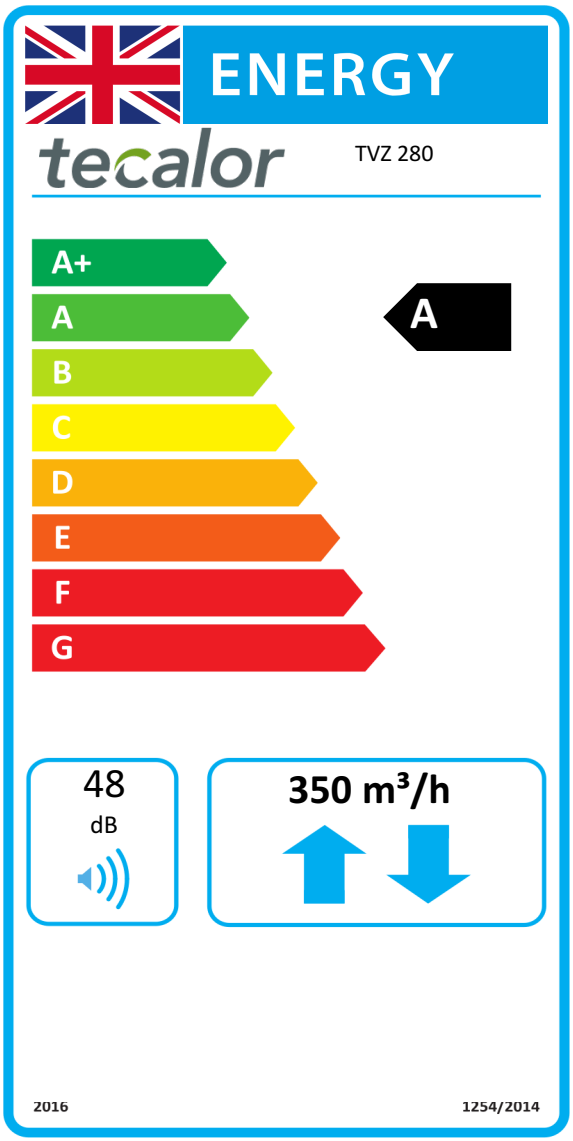
G
A
48
dB
350 m³/h
2016
1254/2014

**Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014**

| | | **TVZ 280** |
|---|---|---|
| | | 190320 |
| Manufacturer | | tecalor |
| Specific energy consumption under colder climate conditions with time control | kWh/(m²a) | -76,62 |
| Specific energy consumption under average climate conditions with time control | kWh/(m²a) | -38,51 |
| Specific energy consumption under warmer climate conditions with time control | kWh/(m²a) | -14,06 |
| Energy efficiency class under colder climate conditions with time control | | A+ |
| Energy efficiency class under average climate conditions with time control | | A |
| Energy efficiency class under warmer climate conditions with time control | | E |
| Ventilation unit type | | Zwei Richtungen |
| Drive type | | Drehzahlgeregelt |
| Heat recovery type | | Rekuperativ |
| Rate of temperature change for heat recovery | % | 88,3 |
| Max. air flow rate | m³/h | 350 |
| Max. power consumption | W | 115 |
| Sound power level LWA | dB(A) | 48 |
| Reference air flow rate | m³/s | 0,068 |
| Reference pressure differential | Pa | 50 |
| Specific power input | W/(m³/h) | 0,21 |
| Control factor, time control | | 0,95 |
| Internal air leakage quota | % | 0,45 |
| External air leakage quota | % | 0,32 |
| Annual power consumption under colder climate conditions with time control | kWh/a | 842 |
| Annual power consumption under average climate conditions with time control | kWh/a | 305 |
| Annual power consumption under warmer climate conditions with time control | kWh/a | 260 |
| Annual heating savings under colder climate conditions with time control | kWh/a | 8894 |
| Annual heating savings under average climate conditions with time control | kWh/a | 4546 |
| Annual heating savings under warmer climate conditions with time control | kWh/a | 2056 |


ENERGY
tecalor
TVZ 280
A+
A
B
C
D
E
F
G
A
48
dB
350 m³/h
2016
1254/2014

**Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014**

| | | **TVZ 280** |
|---|---|---|
| | | 190320 |
| Manufacturer | | tecalor |
| Specific energy consumption under colder climate conditions with manual control | kWh/(m²a) | -75,55 |
| Specific energy consumption under average climate conditions with manual control | kWh/(m²a) | -37,62 |
| Specific energy consumption under warmer climate conditions with manual control | kWh/(m²a) | -13,27 |
| Energy efficiency class under colder climate conditions with manual control | | A+ |
| Energy efficiency class under average climate conditions with manual control | | A |
| Energy efficiency class under warmer climate conditions with manual control | | E |
| Ventilation unit type | | Zwei Richtungen |
| Drive type | | Drehzahlgeregelt |
| Heat recovery type | | Rekuperativ |
| Rate of temperature change for heat recovery | % | 88,3 |
| Max. air flow rate | m³/h | 350 |
| Max. power consumption | W | 115 |
| Sound power level LWA | dB(A) | 48 |
| Reference air flow rate | m³/s | 0,068 |
| Reference pressure differential | Pa | 50 |
| Specific power input | W/(m³/h) | 0,21 |
| Control factor, manual control | | 1,00 |
| Internal air leakage quota | % | 0,45 |
| External air leakage quota | % | 0,32 |
| Annual power consumption under colder climate conditions with manual control | kWh/a | 870 |
| Annual power consumption under average climate conditions with manual control | kWh/a | 333 |
| Annual power consumption under warmer climate conditions with manual control | kWh/a | 288 |
| Annual heating savings under colder climate conditions with manual control | kWh/a | 8857 |
| Annual heating savings under average climate conditions with manual control | kWh/a | 4528 |
| Annual heating savings under warmer climate conditions with manual control | kWh/a | 2047 |