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This information was generated by the HP KEYMARK database on 29 Jun 2022

Login

| Summary of | DAIKIN ALTHERMA 3 H HT W/F 14KW (180L) | Reg. No. | 011-1W0353 | | |
|---------------------|---|----------|------------|--|--|
| Certificate Holder | Certificate Holder | | | | |
| Name | ame DAIKIN Europe N.V. | | | | |
| Address | Zandvoordestraat 300 | Zip | B-8400 | | |
| City | Oostende | Country | Belgium | | |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | | | |
| Subtype title | DAIKIN ALTHERMA 3 H HT W/F 14KW (180L) | | | | |
| Heat Pump Type | Outdoor Air/Water | | | | |
| Refrigerant | R32 | | | | |
| Mass of Refrigerant | 4.2 kg | | | | |
| Certification Date | 07.02.2020 | | | | |

Model: EPRA14DV3 / ETBH16E(6V/9W)

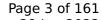
| Configure model | | |
|-------------------------------------|----------------------------|--|
| Model name | EPRA14DV3 / ETBH16E(6V/9W) | |
| Application | Heating (medium temp) | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

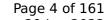
| EN 14511-4 | |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |



| | | <u> </u> |
|---|-------------|-------------|
| Pdh Tj = 12°C | 6 kW | 6.2 kW |
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| РСК | o w | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Model: EPRA14DW1 / ETBH16E(6V/9W)

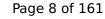
| Configure model | | |
|-------------------------------------|----------------------------|--|
| Model name | EPRA14DW1 / ETBH16E(6V/9W) | |
| Application | Heating (medium temp) | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

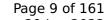
| EN 14511-4 | | |
|--|--------|--|
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |
| Starting and operating test | passed | |





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| This information was generated by the Hill Ke | +7°C/+12°C |
|---|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| PTO | 33 W |
| PSB | 42 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{S} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | 0 W | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |



Model: EPRA14DV3 / ETBX16E(6V/9W)

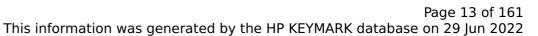
| Configure model | | |
|---|-----------------------|--|
| Model name EPRA14DV3 / ETBX16E(6V/9W) | | |
| Application | Heating (medium temp) | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

| General Data | | |
|--------------------------|--|--|
| Power supply 1x230V 50Hz | | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.69 kW | 7.24 kW | |
| El input | 1.22 kW | 2.41 kW | |
| СОР | 4.67 | 3.01 | |

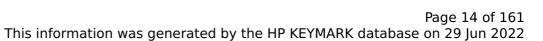
| EN 14511-4 | | |
|--|--------|--|
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |
| Starting and operating test | passed | |





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-----------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| 5 | 177 % | 140 % |
| rated | 12.5 kW | 12.5 kW |
| COP | 4.51 | 3.58 |
| piv | -7 °C | -10 °C |
| DL | -10 °C | -10 °C |
| dh Tj = -7°C | 11.1 kW | 11.2 kW |
| OP Tj = -7°C | 3.12 | 2.47 |
| dh Tj = -7 °C | 1 | 1 |
| dh Tj = +2°C | 6.7 kW | 6.9 kW |
| OP Tj = +2°C | 4.44 | 3.56 |
| dh Tj = +2 °C | 1 | 1 |
| dh Tj = +7°C | 5.7 kW | 6.9 kW |
| $OP Tj = +7^{\circ}C$ | 5.84 | 4.44 |
| dh Tj = +7 °C | 1 | 1 |
| | | _ |



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| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| PTO | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |



Model: EPRA14DW1 / ETBX16E(6V/9W)

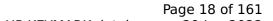
| Configure model | | |
|---------------------------------------|-----------------------|--|
| Model name EPRA14DW1 / ETBX16E(6V/9W) | | |
| Application | Heating (medium temp) | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{S} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |



Model: EPRA14DV3 / ETVH16S18E(6V/9W)

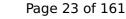
| Configure model | | |
|-------------------------------------|-------------------------------|--|
| Model name | EPRA14DV3 / ETVH16S18E(6V/9W) | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

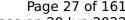
| EN 14825 | | |
|-----------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| 5 | 177 % | 140 % |
| rated | 12.5 kW | 12.5 kW |
| COP | 4.51 | 3.58 |
| piv | -7 °C | -10 °C |
| DL | -10 °C | -10 °C |
| dh Tj = -7°C | 11.1 kW | 11.2 kW |
| OP Tj = -7°C | 3.12 | 2.47 |
| dh Tj = -7 °C | 1 | 1 |
| dh Tj = +2°C | 6.7 kW | 6.9 kW |
| OP Tj = +2°C | 4.44 | 3.56 |
| dh Tj = +2 °C | 1 | 1 |
| dh Tj = +7°C | 5.7 kW | 6.9 kW |
| $OP Tj = +7^{\circ}C$ | 5.84 | 4.44 |
| dh Tj = +7 °C | 1 | 1 |
| | | _ |



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| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





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| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:07 h:min |
| Standby power input | 34.2 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 |



Model: EPRA14DW1 / ETVH16S18E(6V/9W)

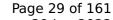
| Configure model | | |
|-------------------------------------|-------------------------------|--|
| Model name | EPRA14DW1 / ETVH16S18E(6V/9W) | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

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





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



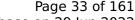
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{S} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |

Page 32 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| This information was general | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





 $$\operatorname{\textit{Page}}\ 33$$ of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |

Model: EPRA14DV3 / ETVX16S18E(6V/9W)

| Configure model | | |
|--|-----------|--|
| Model name EPRA14DV3 / ETVX16S18E(6V/9W) | | |
| Application Heating + DHW + low temp | | |
| Units Indoor + Outdoor | | |
| Climate Zone n/a | | |
| Reversibility Yes | | |
| Cooling mode application (optional) | +7°C/12°C | |

| General Data | | | |
|--------------------------|--|--|--|
| Power supply 1x230V 50Hz | | | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.69 kW | 7.24 kW | |
| El input | 1.22 kW | 2.41 kW | |
| СОР | 4.67 | 3.01 | |

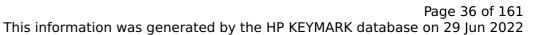
| EN 14511-4 | |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

EN 14825





| This information was generated by the Hill Ke | +7°C/+12°C |
|---|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| PTO | 41 W |
| PSB | 21 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1038 kWh |



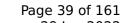
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |

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| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:07 h:min |
| Standby power input | 34.2 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 |

Model: EPRA14DW1 / ETVX16S18E(6V/9W)

| Configure model | | |
|-------------------------------------|-------------------------------|--|
| Model name | EPRA14DW1 / ETVX16S18E(6V/9W) | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

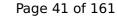
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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

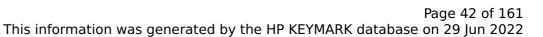
Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| PTO | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

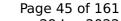
| EN 14825 | | |
|------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2$ °C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 6.2 kW | 6.5 kW |
| COP Tj = +7°C | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |



Model: EPRA14DV3 / ETVZ16S18E(6V/9W)

| Configure model | | |
|-------------------------------------|-------------------------------|--|
| Model name | EPRA14DV3 / ETVZ16S18E(6V/9W) | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

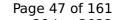
| General Data | | |
|--------------------------|--|--|
| Power supply 1x230V 50Hz | | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

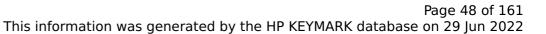
Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

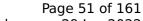
| EN 14825 | | |
|----------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 110 % | |
| СОР | 2.62 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 34.2 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |



Model: EPRA14DW1 / ETVZ16S18E(6V/9W)

| Configure model | | |
|--|------------------|--|
| Model name EPRA14DW1 / ETVZ16S18E(6V/9W) | | |
| Application Heating + DHW + low temp | | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

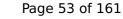
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|-------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

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

Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

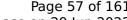
| EN 14825 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





 $$\operatorname{\textit{Page}}\xspace$ 57 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |



Model: EPRA14DV3 / ETVH16S18E(6V/9W) + cooling kit

| Configure model | | |
|-------------------------------------|---|--|
| Model name | EPRA14DV3 / ETVH16S18E(6V/9W) + cooling kit | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

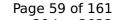
| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

Cooling





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

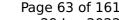
| EN 14825 | | |
|----------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |



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| | | · · · · · · · · · · · · · · · · · · · |
|---|-------------|---------------------------------------|
| Pdh Tj = 12°C | 6 kW | 6.2 kW |
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





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| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 110 % | |
| СОР | 2.62 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 34.2 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 I | |



Model: EPRA14DW1 / ETVH16S18E(6V/9W) + cooling kit

| Configure model | | |
|-------------------------------------|---|--|
| Model name | EPRA14DW1 / ETVH16S18E(6V/9W) + cooling kit | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

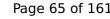
| | General Data | |
|--------------|--------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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

Cooling

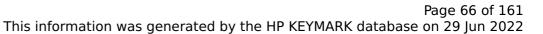




 $$\operatorname{\textit{Page}}\xspace$ 65 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| This information was generated by the Hill Re | +7°C/+12°C |
|---|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

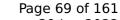
| EN 14825 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 I | |



Model: EPRA14DV3 / ETVH16SU18E6V

| Configure model | | | |
|-------------------------------------|---------------------------|--|--|
| Model name | EPRA14DV3 / ETVH16SU18E6V | | |
| Application | Heating + DHW + low temp | | |
| Units | Indoor + Outdoor | | |
| Climate Zone | n/a | | |
| Reversibility | No | | |
| Cooling mode application (optional) | n/a | | |

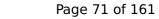
| | General Data | |
|--------------|--------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

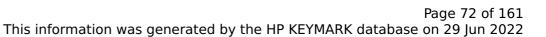
Cooling





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



 $$\operatorname{\textit{Page}}\xspace$ 73 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

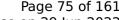
| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





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| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:07 h:min |
| Standby power input | 34.2 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 I |

Model: EPRA14DW1 / ETVH16SU18E6V

| Configure model | | |
|-------------------------------------|---------------------------|--|
| Model name | EPRA14DW1 / ETVH16SU18E6V | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

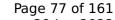
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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

Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

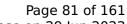
| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| COP Tj = +7°C | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 106 % |
| СОР | 2.51 |
| Heating up time | 1:07 h:min |
| Standby power input | 42.9 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 |

Model: EPRA14DV37 / ETBH16E(6V/9W)7

| Configure model | | |
|-------------------------------------|------------------------------|--|
| Model name | EPRA14DV37 / ETBH16E(6V/9W)7 | |
| Application | Heating (medium temp) | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

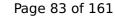
| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

Cooling





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

EN 14825





| | +7°C/+12°C |
|----------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| | |

Average Climate

Annual energy consumption Qce

1038 kWh



| | EN 12102-1 | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |



| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Model: EPRA14DW17 / ETBH16E(6V/9W)7

| Configure model | | |
|-------------------------------------|------------------------------|--|
| Model name | EPRA14DW17 / ETBH16E(6V/9W)7 | |
| Application | Heating (medium temp) | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

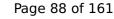
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|-------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

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

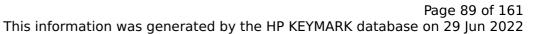
Cooling





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{S} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | 0 W | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Model: EPRA14DV37 / ETBX16E(6V/9W)7

| Configure model | | |
|-------------------------------------|------------------------------|--|
| Model name | EPRA14DV37 / ETBX16E(6V/9W)7 | |
| Application Heating (medium temp) | | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

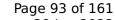
| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

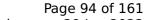
Cooling





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | | | |
|------------------------------------|---------|---------|--|--|
| Low temperature Medium temperature | | | | |
| η_{s} | 177 % | 140 % | | |
| Prated | 12.5 kW | 12.5 kW | | |
| SCOP | 4.51 | 3.58 | | |
| Tbiv | -7 °C | -10 °C | | |
| TOL | -10 °C | -10 °C | | |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW | | |
| COP Tj = -7°C | 3.12 | 2.47 | | |
| Cdh Tj = -7 °C | 1 | 1 | | |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW | | |
| COP Tj = +2°C | 4.44 | 3.56 | | |
| Cdh Tj = +2 °C | 1 | 1 | | |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW | | |
| $COP Tj = +7^{\circ}C$ | 5.84 | 4.44 | | |
| Cdh Tj = +7 °C | 1 | 1 | | |



Page 96 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Model: EPRA14DW17 / ETBX16E(6V/9W)7

| Configure model | | |
|---|------------------|--|
| Model name EPRA14DW17 / ETBX16E(6V/9W)7 | | |
| oplication Heating (medium temp) | | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

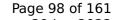
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

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

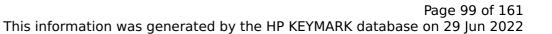
Cooling





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|----------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 6.2 kW | 6.5 kW |
| COP Tj = +7°C | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |



Model: EPRA14DV37 / ETVH16S18E(6V/9W)7

| Configure model | | |
|--|------------------|--|
| Model name EPRA14DV37 / ETVH16S18E(6V/9W)7 | | |
| Application Heating + DHW + low temp | | |
| Units | Indoor + Outdoor | |
| Climate Zone n/a | | |
| Reversibility No | | |
| Cooling mode application (optional) | n/a | |

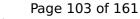
| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.69 kW | 7.24 kW | |
| El input | 1.22 kW | 2.41 kW | |
| СОР | 4.67 | 3.01 | |

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

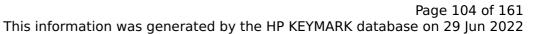
Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



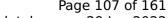
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW |
| $COP Tj = +7^{\circ}C$ | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |

Page 106 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\xspace$ 107 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 110 % | |
| СОР | 2.62 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 34.2 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |

Model: EPRA14DW17 / ETVH16S18E(6V/9W)7

| Configure model | | | |
|-------------------------------------|---------------------------------|--|--|
| Model name | EPRA14DW17 / ETVH16S18E(6V/9W)7 | | |
| Application | Heating + DHW + low temp | | |
| Units | Indoor + Outdoor | | |
| Climate Zone | n/a | | |
| Reversibility | No | | |
| Cooling mode application (optional) | n/a | | |

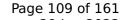
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|-------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

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

Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



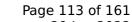
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |

Page 112 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 I | |



Model: EPRA14DV37 / ETVH16SU18E6V7

| Configure model | | |
|-------------------------------------|-----------------------------|--|
| Model name | EPRA14DV37 / ETVH16SU18E6V7 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

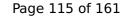
| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

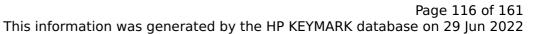
Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW |
| $COP Tj = +7^{\circ}C$ | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |

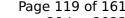


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This information was generated by the HP KEYMARK database on 29 Jun 2022

| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |
| | | |

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\ 119$ of $161$$ This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:07 h:min |
| Standby power input | 34.2 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 |



Model: EPRA14DW17 / ETVH16SU18E6V7

| Configure model | | |
|-------------------------------------|-----------------------------|--|
| Model name | EPRA14DW17 / ETVH16SU18E6V7 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

| General Data | | |
|--------------------------|--|--|
| Power supply 3x400V 50Hz | | |

Heating

| EN 14511-2 | | |
|------------------------------------|---------|---------|
| Low temperature Medium temperature | | |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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

Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

| El input | 2.56 kW | |
|------------------|---------|--|
| Cooling capacity | 6.9 | |
| EER | 2.7 | |
| | | |
| EN 14825 | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



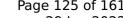
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|----------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 6.2 kW | 6.5 kW |
| COP Tj = +7°C | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |

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| | The art of the transfer of the | |
|---|--|-------------|
| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\ 125$$ of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |



Model: EPRA14DV37 / ETVX16S18E(6V/9W)7

| Configure model | | |
|-------------------------------------|---------------------------------|--|
| Model name | EPRA14DV37 / ETVX16S18E(6V/9W)7 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

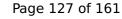
| General Data | | |
|--------------------------|--|--|
| Power supply 1x230V 50Hz | | |

Heating

| EN 14511-2 | | | |
|-------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| Heat output | 5.69 kW | 7.24 kW | |
| El input | 1.22 kW | 2.41 kW | |
| СОР | 4.67 | 3.01 | |

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

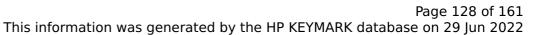
Cooling





| EN 14511-2 | | | |
|------------------|---------|--|--|
| +7°C/+12°C | | | |
| El input | 2.56 kW | | |
| Cooling capacity | 6.9 | | |
| EER | 2.7 | | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| PCK | o w |
| Annual energy consumption Qce | 1038 kWh |



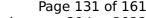
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |

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| Pdh Tj = 12°C | 6 kW | 6.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\ 131$$ of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 110 % | |
| СОР | 2.62 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 34.2 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |



Model: EPRA14DW17 / ETVX16S18E(6V/9W)7

| Configure model | | |
|-------------------------------------|---------------------------------|--|
| Model name | EPRA14DW17 / ETVX16S18E(6V/9W)7 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

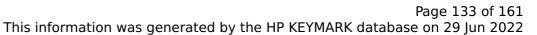
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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

Cooling





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

EN 14825





| This information was generated by the Hill Re | +7°C/+12°C |
|---|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

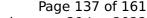
| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{S} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |

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This information was generated by the HP KEYMARK database on 29 Jun 2022

| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |
| | | - |

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\xspace$ 137 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 106 % |
| СОР | 2.51 |
| Heating up time | 1:07 h:min |
| Standby power input | 42.9 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 |

Model: EPRA14DV37 / ETVZ16S18E(6V/9W)7

| Configure model | | |
|-------------------------------------|---------------------------------|--|
| Model name | EPRA14DV37 / ETVZ16S18E(6V/9W)7 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

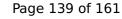
| General Data | | | |
|--------------------------|--|--|--|
| Power supply 1x230V 50Hz | | | |

Heating

| EN 14511-2 | | |
|------------------------------------|---------|--------------------|
| Low temperature Medium temperature | | Medium temperature |
| Heat output | 5.69 kW | 7.24 kW |
| El input | 1.22 kW | 2.41 kW |
| СОР | 4.67 | 3.01 |

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

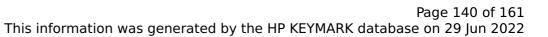
Cooling





| EN 14511-2 | |
|------------------|---------|
| +7°C/+12°C | |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| PTO | 41 W |
| PSB | 21 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1038 kWh |



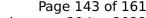
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | |
|----------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 177 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.51 | 3.58 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW |
| COP Tj = -7°C | 3.12 | 2.47 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW |
| COP Tj = +2°C | 4.44 | 3.56 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW |
| COP Tj = +7°C | 5.84 | 4.44 |
| Cdh Tj = +7 °C | 1 | 1 |

Page 142 of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| | · · · · · · · · · · · · · · · · · · · | |
|---|---------------------------------------|-------------|
| Pdh Tj = 12°C | 6 kW | 6.2 kW |
| COP Tj = 12°C | 7.4 | 5.72 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW |
| COP Tj = Tbiv | 3.12 | 2.19 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 |
| WTOL | 35 °C | 55 °C |
| Poff | 21 W | 21 W |
| РТО | 41 W | 41 W |
| PSB | 21 W | 21 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh |

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\ 143$$ of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 110 % | |
| СОР | 2.62 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 34.2 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |



Model: EPRA14DW17 / ETVZ16S18E(6V/9W)7

| Configure model | | |
|-------------------------------------|---------------------------------|--|
| Model name | EPRA14DW17 / ETVZ16S18E(6V/9W)7 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone n/a | | |
| Reversibility | No | |
| Cooling mode application (optional) | n/a | |

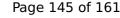
| General Data | | | |
|--------------------------|--|--|--|
| Power supply 3x400V 50Hz | | | |

Heating

| EN 14511-2 | | |
|------------------------------------|---------|--------------------|
| Low temperature Medium temperature | | Medium temperature |
| Heat output | 5.9 kW | 7.24 kW |
| El input | 1.23 kW | 2.47 kW |
| СОР | 4.79 | 2.93 |

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

Cooling





 $$\operatorname{\textit{Page}}\ 145$$ of 161 This information was generated by the HP KEYMARK database on 29 Jun 2022

| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

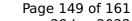
| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{S} | 186 % | 140 % |
| Prated | 12.5 kW | 12.5 kW |
| SCOP | 4.71 | 3.57 |
| Tbiv | -7 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW |
| COP Tj = -7°C | 2.97 | 2.43 |
| Cdh Tj = -7 °C | 1 | 1 |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW |
| COP Tj = +2°C | 4.94 | 3.52 |
| Cdh Tj = +2 °C | 1 | 1 |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 |
| Cdh Tj = +7 °C | 1 | 1 |



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This information was generated by the HP KEYMARK database on 29 Jun 2022

| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |

Model: EPRA14DV37 / ETVH16S18E(6V/9W)7 + cooling kit

| Configure model | | |
|-------------------------------------|---|--|
| Model name | EPRA14DV37 / ETVH16S18E(6V/9W)7 + cooling kit | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

| General Data | | |
|--------------------------|--|--|
| Power supply 1x230V 50Hz | | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.69 kW | 7.24 kW | |
| El input | 1.22 kW | 2.41 kW | |
| СОР | 4.67 | 3.01 | |

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

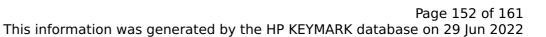
Cooling





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 2.56 kW |
| Cooling capacity | 6.9 |
| EER | 2.7 |

| EIA 14311-5 | | |
|------------------|------------|--|
| | +7°C/+12°C | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |
| | | |
| EN 14825 | | |
| | | |





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.99 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 21 W |
| РТО | 41 W |
| PSB | 21 W |
| РСК | o w |
| Annual energy consumption Qce | 1038 kWh |



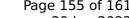
| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

| EN 14825 | | | | |
|--------------------------------|---------|---------|--|--|
| Low temperature Medium tempera | | | | |
| η_{s} | 177 % | 140 % | | |
| Prated | 12.5 kW | 12.5 kW | | |
| SCOP | 4.51 | 3.58 | | |
| Tbiv | -7 °C | -10 °C | | |
| TOL | -10 °C | -10 °C | | |
| Pdh Tj = -7°C | 11.1 kW | 11.2 kW | | |
| COP Tj = -7°C | 3.12 | 2.47 | | |
| Cdh Tj = -7 °C | 1 | 1 | | |
| Pdh Tj = +2°C | 6.7 kW | 6.9 kW | | |
| COP Tj = +2°C | 4.44 | 3.56 | | |
| Cdh Tj = +2 °C | 1 | 1 | | |
| Pdh Tj = +7°C | 5.7 kW | 6.9 kW | | |
| $COP Tj = +7^{\circ}C$ | 5.84 | 4.44 | | |
| Cdh Tj = +7 °C | 1 | 1 | | |

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| inio inio inio inio generate by the initial actual control part to | | | |
|--|-------------|-------------|--|
| Pdh Tj = 12°C | 6 kW | 6.2 kW | |
| COP Tj = 12°C | 7.4 | 5.72 | |
| Cdh Tj = +12 °C | 1 | 1 | |
| Pdh Tj = Tbiv | 11.1 kW | 12.2 kW | |
| COP Tj = Tbiv | 3.12 | 2.19 | |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.1 kW | 12.2 kW | |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.76 | 2.19 | |
| WTOL | 35 °C | 55 °C | |
| Poff | 21 W | 21 W | |
| РТО | 41 W | 41 W | |
| PSB | 21 W | 21 W | |
| PCK | o w | o w | |
| Supplementary Heater: Type of energy input | Electricity | Electricity | |
| Supplementary Heater: PSUP | 1.4 kW | 0 kW | |
| Annual energy consumption Qhe | 5726 kWh | 7211 kWh | |

Domestic Hot Water (DHW)





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| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:07 h:min |
| Standby power input | 34.2 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 240 |



Model: EPRA14DW17 / ETVH16S18E(6V/9W)7 + cooling kit

| Configure model | | |
|--|--------------------------|--|
| Model name EPRA14DW17 / ETVH16S18E(6V/9W)7 + cooling kit | | |
| Application | Heating + DHW + low temp | |
| Units Indoor + Outdoor | | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

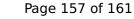
| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 5.9 kW | 7.24 kW | |
| El input | 1.23 kW | 2.47 kW | |
| СОР | 4.79 | 2.93 | |

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

Cooling





| EN 14511-2 | | |
|------------------|---------|--|
| +7°C/+12°C | | |
| El input | 2.56 kW | |
| Cooling capacity | 6.9 | |
| EER | 2.7 | |

EN 14825





| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 6.9 kW |
| SEER | 3.87 |
| Pdc Tj = 35°C | 6.9 kW |
| EER Tj = 35°C | 2.7 |
| Pdc Tj = 30°C | 5.23 kW |
| EER Tj = 30°C | 3.65 |
| Cdc Tj = 30 °C | 1 |
| Pdc Tj = 25°C | 5.05 kW |
| EER Tj = 25°C | 4.58 |
| Cdc Tj = 25 °C | 1 |
| Pdc Tj = 20°C | 4.94 kW |
| EER Tj = 20°C | 5.41 |
| Cdc Tj = 20 °C | 1 |
| Poff | 31 W |
| РТО | 33 W |
| PSB | 42 W |
| PCK | o w |
| Annual energy consumption Qce | 1069 kWh |



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 44 dB(A) | 44 dB(A) |
| Sound power level outdoor | 54 dB(A) | 54 dB(A) |

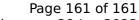
| EN 14825 | | | |
|-------------------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| η_{S} | 186 % | 140 % | |
| Prated | 12.5 kW | 12.5 kW | |
| SCOP | 4.71 | 3.57 | |
| Tbiv | -7 °C | -10 °C | |
| TOL | -10 °C | -10 °C | |
| Pdh Tj = -7°C | 10.7 kW | 11.1 kW | |
| COP Tj = -7°C | 2.97 | 2.43 | |
| Cdh Tj = -7 °C | 1 | 1 | |
| Pdh Tj = $+2^{\circ}$ C | 6.9 kW | 6.7 kW | |
| COP Tj = +2°C | 4.94 | 3.52 | |
| Cdh Tj = +2 °C | 1 | 1 | |
| Pdh Tj = $+7^{\circ}$ C | 6.2 kW | 6.5 kW | |
| $COP Tj = +7^{\circ}C$ | 5.95 | 4.54 | |
| Cdh Tj = +7 °C | 1 | 1 | |



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This information was generated by the HP KEYMARK database on 29 Jun 2022

| | · · · · · · · · · · · · · · · · · · · | |
|---|---------------------------------------|-------------|
| Pdh Tj = 12°C | 5.6 kW | 5.2 kW |
| COP Tj = 12°C | 7.07 | 5.97 |
| Cdh Tj = +12 °C | 1 | 1 |
| Pdh Tj = Tbiv | 10.7 kW | 12.5 kW |
| COP Tj = Tbiv | 2.97 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.1 kW | 12.5 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.12 |
| WTOL | 35 °C | 55 °C |
| Poff | 31 W | 31 W |
| РТО | 33 W | 33 W |
| PSB | 42 W | 42 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.4 kW | 0 kW |
| Annual energy consumption Qhe | 5479 kWh | 7236 kWh |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 106 % | |
| СОР | 2.51 | |
| Heating up time | 1:07 h:min | |
| Standby power input | 42.9 W | |
| Reference hot water temperature | 52.5 °C | |
| Mixed water at 40°C | 240 | |