Login

| Summary of | DAIKIN ALTHERMA 3 M 16kW | Reg. No. | 011-1W0426 |
|---|---|---|---|
| Certificate Holder | | | |
| Name | 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 M 16kW | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R32 | | |
| Mass of Refrigerant | 3.8 kg | | |
| Certification Date | 27.10.2020 | | |
| Testing basis | HP KEYMARK certification scheme rules rev. 7 | | |

# Model: EBLA16D(3)V3

| Configure model | |
|---|---|
| Model name | EBLA16D(3)V3 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate Zone | Warmer Climate |
| 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 | 16.00 kW | 15.63 kW |
| El input | 3.53 kW | 5.68 kW |
| COP | 4.53 | 2.75 |

| 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 | 4.58 kW |
| Cooling capacity | 14.01 |
| EER | 3.06 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 14.00 kW |
| SEER | 5.59 |
| Pdc Tj = 35°C | 14.00 kW |
| EER Tj = 35°C | 3.06 |
| Pdc Tj = 30°C | 10.80 kW |
| EER Tj = 30°C | 4.41 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 6.90 kW |
| EER Tj = 25°C | 6.56 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 5.90 kW |
| EER Tj = 20°C | 8.51 |
| Cdc | 1.0 |
| Poff | 23 W |
| PTO | 23 W |
| PSB | 23 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1500 kWh |

## Warmer Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 246 % | 172 % |
| Prated | 12.00 kW | 12.10 kW |
| SCOP | 6.23 | 4.38 |
| Tbiv | 2 °C | 3 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 11.90 kW | 9.80 kW |
| COP Tj = +2°C | 3.30 | 2.17 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 8.10 kW | 7.60 kW |
| COP Tj = +7°C | 5.64 | 3.83 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.20 kW | 5.00 kW |
| COP Tj = 12°C | 7.73 | 5.69 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.90 kW | 11.00 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 3.30 | 2.40 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.90 kW | 9.80 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.30 | 2.17 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 2.27 kW |
| Annual energy consumption Qhe | 2573 kWh | 3690 kWh |

## Average Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 185 % | 132 % |
| Prated | 12.00 kW | 12.00 kW |

| | | |
|---|---|---|
| SCOP | 4.69 | 3.37 |
| Tbiv | -10 °C | -5 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.20 kW | 9.40 kW |
| COP Tj = -7°C | 2.87 | 1.95 |
| Cdh Tj = -7 °C | | 1.00 |
| Pdh Tj = +2°C | 6.70 kW | 6.90 kW |
| COP Tj = +2°C | 4.33 | 3.27 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 4.70 kW | 4.40 kW |
| COP Tj = +7°C | 6.83 | 4.93 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.50 kW | 5.30 kW |
| COP Tj = 12°C | 8.82 | 6.60 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.76 kW | 10.10 kW |
| COP Tj = Tbiv | 2.48 | 2.13 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.76 kW | 7.95 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.48 | 1.67 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |

| | | |
|---|---|---|
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 4.10 kW |
| Annual energy consumption Qhe | 5281 kWh | 7359 kWh |

# Model: EBLA16D(3)W1

| Configure model | |
|---|---|
| Model name | EBLA16D(3)W1 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate Zone | Warmer Climate |
| 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 | 16.00 kW | 15.63 kW |
| El input | 3.53 kW | 5.68 kW |
| COP | 4.53 | 2.75 |

| 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 | 4.58 kW |
| Cooling capacity | 14.01 |
| EER | 3.06 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 14.00 kW |
| SEER | 5.59 |
| Pdc Tj = 35°C | 14.00 kW |
| EER Tj = 35°C | 3.06 |
| Pdc Tj = 30°C | 10.80 kW |
| EER Tj = 30°C | 4.41 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 6.90 kW |
| EER Tj = 25°C | 6.56 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 5.90 kW |
| EER Tj = 20°C | 8.51 |
| Cdc | 1.0 |
| Poff | 23 W |
| PTO | 23 W |
| PSB | 23 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1500 kWh |

## Warmer Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 246 % | 172 % |
| Prated | 12.00 kW | 12.10 kW |
| SCOP | 6.23 | 4.38 |
| Tbiv | 2 °C | 3 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 11.90 kW | 9.80 kW |
| COP Tj = +2°C | 3.30 | 2.17 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 8.10 kW | 7.60 kW |
| COP Tj = +7°C | 5.64 | 3.83 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.20 kW | 5.00 kW |
| COP Tj = 12°C | 7.73 | 5.69 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.90 kW | 11.00 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 3.30 | 2.40 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.90 kW | 9.80 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.30 | 2.17 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 2.27 kW |
| Annual energy consumption Qhe | 2573 kWh | 3690 kWh |

## Average Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 185 % | 132 % |
| Prated | 12.00 kW | 12.00 kW |

| | | |
|---|---|---|
| SCOP | 4.69 | 3.37 |
| Tbiv | -10 °C | -5 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.20 kW | 9.40 kW |
| COP Tj = -7°C | 2.87 | 1.95 |
| Cdh Tj = -7 °C | | 1.00 |
| Pdh Tj = +2°C | 6.70 kW | 6.90 kW |
| COP Tj = +2°C | 4.33 | 3.27 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 4.70 kW | 4.40 kW |
| COP Tj = +7°C | 6.83 | 4.93 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.50 kW | 5.30 kW |
| COP Tj = 12°C | 8.82 | 6.60 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.76 kW | 10.10 kW |
| COP Tj = Tbiv | 2.48 | 2.13 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.76 kW | 7.95 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.48 | 1.67 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |

| | | |
|---|---|---|
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 4.10 kW |
| Annual energy consumption Qhe | 5281 kWh | 7359 kWh |

# Model: EDLA16D(3)V3

| Configure model | |
|---|---|
| Model name | EDLA16D(3)V3 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate Zone | Warmer Climate |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 16.00 kW | 15.63 kW |
| El input | 3.53 kW | 5.68 kW |
| COP | 4.53 | 2.75 |

| 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 | 4.58 kW |
| Cooling capacity | 14.01 |
| EER | 3.06 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 14.00 kW |
| SEER | 5.59 |
| Pdc Tj = 35°C | 14.00 kW |
| EER Tj = 35°C | 3.06 |
| Pdc Tj = 30°C | 10.80 kW |
| EER Tj = 30°C | 4.41 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 6.90 kW |
| EER Tj = 25°C | 6.56 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 5.90 kW |
| EER Tj = 20°C | 8.51 |
| Cdc | 1.0 |
| Poff | 23 W |
| PTO | 23 W |
| PSB | 23 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1500 kWh |

## Warmer Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 237 % | 168 % |
| Prated | 12.00 kW | 12.10 kW |
| SCOP | 5.99 | 4.26 |
| Tbiv | 2 °C | 3 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 11.90 kW | 9.80 kW |
| COP Tj = +2°C | 3.30 | 2.17 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 8.10 kW | 7.60 kW |
| COP Tj = +7°C | 5.64 | 3.83 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.20 kW | 5.00 kW |
| COP Tj = 12°C | 7.73 | 5.69 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.90 kW | 11.00 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 3.30 | 2.40 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.90 kW | 9.80 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.30 | 2.17 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 2.27 kW |
| Annual energy consumption Qhe | 2675 kWh | 3792 kWh |

## Average Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 182 % | 130 % |
| Prated | 12.00 kW | 12.00 kW |

| | | |
|---|---|---|
| SCOP | 4.62 | 3.33 |
| Tbiv | -10 °C | -5 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.20 kW | 9.40 kW |
| COP Tj = -7°C | 2.87 | 1.95 |
| Cdh Tj = -7 °C | | 1.00 |
| Pdh Tj = +2°C | 6.70 kW | 6.90 kW |
| COP Tj = +2°C | 4.33 | 3.27 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 4.70 kW | 4.40 kW |
| COP Tj = +7°C | 6.83 | 4.93 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.50 kW | 5.30 kW |
| COP Tj = 12°C | 8.82 | 6.60 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.76 kW | 10.10 kW |
| COP Tj = Tbiv | 2.48 | 2.13 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.76 kW | 7.95 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.48 | 1.67 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |

| | | |
|---|---|---|
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 4.10 kW |
| Annual energy consumption Qhe | 5366 kWh | 7444 kWh |

# Model: EDLA16D(3)W1

| Configure model | |
|---|---|
| Model name | EDLA16D(3)W1 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate Zone | Warmer Climate |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 16.00 kW | 15.63 kW |
| El input | 3.53 kW | 5.68 kW |
| COP | 4.53 | 2.75 |

| 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 | 4.58 kW |
| Cooling capacity | 14.01 |
| EER | 3.06 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 14.00 kW |
| SEER | 5.59 |
| Pdc Tj = 35°C | 14.00 kW |
| EER Tj = 35°C | 3.06 |
| Pdc Tj = 30°C | 10.80 kW |
| EER Tj = 30°C | 4.41 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 6.90 kW |
| EER Tj = 25°C | 6.56 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 5.90 kW |
| EER Tj = 20°C | 8.51 |
| Cdc | 1.0 |
| Poff | 23 W |
| PTO | 23 W |
| PSB | 23 W |
| PCK | 0 W |
| Annual energy consumption Qce | 1500 kWh |

## Warmer Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 237 % | 168 % |
| Prated | 12.00 kW | 12.10 kW |
| SCOP | 5.99 | 4.26 |
| Tbiv | 2 °C | 3 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 11.90 kW | 9.80 kW |
| COP Tj = +2°C | 3.30 | 2.17 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 8.10 kW | 7.60 kW |
| COP Tj = +7°C | 5.64 | 3.83 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.20 kW | 5.00 kW |
| COP Tj = 12°C | 7.73 | 5.69 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.90 kW | 11.00 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 3.30 | 2.40 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.90 kW | 9.80 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.30 | 2.17 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 2.27 kW |
| Annual energy consumption Qhe | 2675 kWh | 3792 kWh |

## Average Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 182 % | 130 % |
| Prated | 12.00 kW | 12.00 kW |

| | | |
|---|---|---|
| SCOP | 4.62 | 3.33 |
| Tbiv | -10 °C | -5 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 11.20 kW | 9.40 kW |
| COP Tj = -7°C | 2.87 | 1.95 |
| Cdh Tj = -7 °C | | 1.00 |
| Pdh Tj = +2°C | 6.70 kW | 6.90 kW |
| COP Tj = +2°C | 4.33 | 3.27 |
| Cdh Tj = +2 °C | 1.00 | 1.00 |
| Pdh Tj = +7°C | 4.70 kW | 4.40 kW |
| COP Tj = +7°C | 6.83 | 4.93 |
| Cdh Tj = +7 °C | 1.00 | 1.00 |
| Pdh Tj = 12°C | 5.50 kW | 5.30 kW |
| COP Tj = 12°C | 8.82 | 6.60 |
| Cdh Tj = +12 °C | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 11.76 kW | 10.10 kW |
| COP Tj = Tbiv | 2.48 | 2.13 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 11.76 kW | 7.95 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.48 | 1.67 |
| WTOL | 35 °C | 55 °C |
| Poff | 23 W | 23 W |

| | | |
|---|---|---|
| PTO | 23 W | 23 W |
| PSB | 23 W | 23 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 4.10 kW |
| Annual energy consumption Qhe | 5366 kWh | 7444 kWh |