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#### This information was generated by the HP KEYMARK database on 18 Mar 2022

<u>Login</u>				
Summary of	DAIKIN ALTHERMA 3 R F 3.5KW	Reg. No.	011-1W0198	
Certificate Holder		<u> </u>		
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 R F 3.5KW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32	R32		
Mass of Refrigerant	1 kg			
Certification Date	27.03.2020			

# Model: ERLA03DV / EHFZ03S18D3V

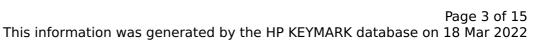
Configure model		
Model name	ERLA03DV / EHFZ03S18D3V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

	General Data	
Power supply	1x230V 50Hz	

## **Average Climate**

EN 14825		
Low temperature	Medium temperature	
173 %	126 %	
3.50 kW	3.50 kW	
4.40	3.20	
-10 °C	-10 °C	
-10 °C	-10 °C	
3.30 kW	3.20 kW	
3.03	2.21	
1.00	1.00	
2.00 kW	1.90 kW	
4.47	3.28	
1.00	1.00	
	Low temperature  173 %  3.50 kW  4.40  -10 °C  -10 °C  3.30 kW  3.03  1.00  2.00 kW  4.47	

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This information was generated by the HF RETMARK database on 16 Mai 2022				
Pdh Tj = $+7^{\circ}$ C	1.40 kW	1.20 kW		
$COP Tj = +7^{\circ}C$	6.18	4.16		
Cdh Tj = +7 °C	1.00	1.00		
Pdh Tj = 12°C	1.70 kW	1.60 kW		
COP Tj = 12°C	8.30	6.26		
Cdh Tj = +12 °C	0.90	0.90		
Pdh Tj = Tbiv	3.60 kW	3.50 kW		
COP Tj = Tbiv	2.72	1.76		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.60 kW	3.50 kW		
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.76		
WTOL	55 °C	55 °C		
Poff	11 W	11 W		
РТО	22 W	22 W		
PSB	11 W	11 W		
PCK	11 W	11 W		
Supplementary Heater: Type of energy input	Electricity	Electricity		
Supplementary Heater: PSUP	0.00 kW	0.00 kW		
Annual energy consumption Qhe	1643 kWh	2237 kWh		



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

# Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.59 kW	3.53 kW
El input	0.72 kW	1.21 kW
СОР	5.00	2.94

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	+18°C/+23°C
El input	kW	kW
Cooling capacity	4.00	
EER	3.60	

#### Domestic Hot Water (DHW)

## Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	110 %
СОР	2.67
Heating up time	1:40 h:min
Standby power input	19.0 W
Reference hot water temperature	52.7 °C
Mixed water at 40°C	240 I

# Model: ERLA03DV / EHFH03S18D3V

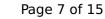
Configure model		
Model name	ERLA03DV / EHFH03S18D3V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

	General Data	
Power supply	1x230V 50Hz	

## **Average Climate**

EN 14825		
Low temperature	Medium temperature	
173 %	126 %	
3.50 kW	3.50 kW	
4.40	3.20	
-10 °C	-10 °C	
-10 °C	-10 °C	
3.30 kW	3.20 kW	
3.03	2.21	
1.00	1.00	
2.00 kW	1.90 kW	
4.47	3.28	
1.00	1.00	
	Low temperature  173 %  3.50 kW  4.40  -10 °C  -10 °C  3.30 kW  3.03  1.00  2.00 kW  4.47	

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This information was generated by the Fir RETPIARR database on 10 Mar 2022			
Pdh Tj = $+7^{\circ}$ C	1.40 kW	1.20 kW	
$COP Tj = +7^{\circ}C$	6.18	4.16	
Cdh Tj = +7 °C	1.00	1.00	
Pdh Tj = 12°C	1.70 kW	1.60 kW	
COP Tj = 12°C	8.30	6.26	
Cdh Tj = +12 °C	0.90	0.90	
Pdh Tj = Tbiv	3.60 kW	3.50 kW	
COP Tj = Tbiv	2.72	1.76	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.60 kW	3.50 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.76	
WTOL	55 °C	55 °C	
Poff	11 W	11 W	
РТО	22 W	22 W	
PSB	11 W	11 W	
PCK	11 W	11 W	
Supplementary Heater: Type of energy input	Electricity	Electricity	
Supplementary Heater: PSUP	0.00 kW	0.00 kW	
Annual energy consumption Qhe	1643 kWh	2237 kWh	





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

# Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	3.59 kW	3.53 kW	
El input	0.72 kW	1.21 kW	
СОР	5.00	2.94	

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	+18°C/+23°C
El input	kW	kW
Cooling capacity	4.00	
EER	3.60	

#### Domestic Hot Water (DHW)

## Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	110 %	
СОР	2.67	
Heating up time	1:40 h:min	
Standby power input	19.0 W	
Reference hot water temperature	52.7 °C	
Mixed water at 40°C	240	

# Model: ERLA03DV / EHFH03S18D3V + cooling kit

Configure model		
Model name   ERLA03DV / EHFH03S18D3V + 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	

#### **Average Climate**

EN 14825		
Low temperature	Medium temperature	
173 %	126 %	
3.50 kW	3.50 kW	
4.40	3.20	
-10 °C	-10 °C	
-10 °C	-10 °C	
3.30 kW	3.20 kW	
3.03	2.21	
1.00	1.00	
2.00 kW	1.90 kW	
4.47	3.28	
1.00	1.00	
	Low temperature  173 %  3.50 kW  4.40  -10 °C  -10 °C  3.30 kW  3.03  1.00  2.00 kW  4.47	

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	<b>,</b>	
Pdh Tj = +7°C	1.40 kW	1.20 kW
$COP Tj = +7^{\circ}C$	6.18	4.16
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	1.70 kW	1.60 kW
COP Tj = 12°C	8.30	6.26
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.60 kW	3.50 kW
COP Tj = Tbiv	2.72	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.60 kW	3.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.76
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	22 W	22 W
PSB	11 W	11 W
PCK	11 W	11 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1643 kWh	2237 kWh



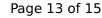
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

# Heating

EN 14511-2				
	Low temperature	Medium temperature		
Heat output	3.59 kW	3.53 kW		
El input	0.72 kW	1.21 kW		
СОР	5.00	2.94		

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

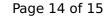
# Cooling





EN 14511-2				
	+7°C/+12°C	+18°C/+23°C		
El input	1.17 kW	kW		
Cooling capacity	3.49			
EER	3.03			

#### EN 14825

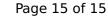




This information was generated by the Till RE	+7°C/+12°C
Pdesignc	3.50 kW
SEER	4.41
Pdc Tj = 35°C	3.49 kW
EER Tj = 35°C	3.03
Pdc Tj = 30°C	2.66 kW
EER Tj = 30°C	4.21
Cdc	1.0
Pdc Tj = 25°C	1.73 kW
EER Tj = 25°C	5.11
Cdc	1.0
Pdc Tj = 20°C	1.38 kW
EER Tj = 20°C	6.79
Cdc	1.0
Poff	11 W
РТО	22 W
PSB	11 W
PCK	11 W
Annual energy consumption Qce	476 kWh

# Domestic Hot Water (DHW)

## **Average Climate**





EN 16147				
Declared load profile	L			
Efficiency ηDHW	110 %			
СОР	2.67			
Heating up time	1:40 h:min			
Standby power input	19.0 W			
Reference hot water temperature	52.7 °C			
Mixed water at 40°C	240 l			