

61XWH-ZE

NEW
85°C

Nominal heating capacity 400 - 2000 kW



AQUAFORCE
PUREtec

Carrier at the forefront of innovative technology

HFO R-1234ze

**85°C hot water
production**

**Long-term
refrigerant choice**

**Nearly zero global
warming potential**

**Zero impact on the
ozone layer**

**Support HFC
phase-down plan
in Europe**

Carrier has been working over the past years on selecting the right refrigerant for the future and has now taken the lead in introducing the next generation of refrigerants on screw units : PUREtec™. With PUREtec, Carrier offers a range of new customized solutions using a refrigerant with zero impact on the ozone layer and nearly zero global warming potential: HFO R-1234ze.

All the reliability, efficiency, adaptability of the AquaForce range combined with PUREtec refrigerant: HFO R-1234ze.

PUREtec

Physical data

61XWH-ZE	61XWH-ZE0301	61XWH-ZE0501	61XWH-ZE0751	61XWH-ZE1001	61XWH-ZE1501
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Heating

Heating Capacity (10°C / 75°C)	kW	222	362	532	723	1064
Heating Capacity (30°C / 75°C)	kW	410	655	974	1310	1948
Heating Capacity (20°C / 85°C)	kW	271	439	645	879	1290
Heating Capacity (35°C / 85°C)	kW	419	671	996	1342	1992
Maximum hot water temperature	°C	85	85	85	85	85
Nb of Refrigerant Circuit		1	1	1	2	2
Operating Weight:	Kg	2230	3250	4500	7500	8800
Length	mm	2750	3100	3300	4800	4850
Width	mm	950	950	1150	1050	1350
Height	mm	1600	1750	2000	2000	2200

All performances are not compliant with EN14511-3 : 2013.
 Custom units which are not certified in accordance with AHRI Water-Cooled Water-Chilling and Heat Pump Water-Heating Packages Using Vapor Compression Cycle Certification Program.
 Preliminary product data for information only. Final product data will be submitted by Carrier to Eurovent company during 2016.

Operating range

61XWH-ZE	Minimum	Maximum
Evaporator		
Entering temperature at start-up	-	50°C
Leaving temperature during operation	0 to 15°C	35°C
Entering/leaving temperature difference at full load	2 K	Up to 20K*
Condenser		
Entering temperature at start-up	20°C	-
Leaving temperature during operation	45°C	70 to 85°C
Entering/leaving temperature difference at full load	2 K	Up to 20K*

* Water box configurations 1, 2 or 3 passes

