

30XA ZE

NEW

Nominal cooling capacity 300 - 1100 kW

30XAV ZE

Nominal cooling capacity 400 - 900 kW



AQUAFORCE
PUREtec

COOLING

Carrier at the forefront of innovative technology

HFO R-1234ze

**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

All performances are compliant with EN14511 3 : 2013. Sound power level according to ISO9614 1.

Preliminary engineering data

30XAV-ZE			30XAVZE0401	30XAVZE0501	30XAVZE0551	30XAVZE0651
Cooling						
Performance Information						
Cooling Capacity*		kW	390	469	531	621
Cooling Efficiency	EER	kW/kW	3,38	3,39	3,46	3,44
Seasonal Efficiency	ESEER	kW/kW	4,82	4,90	5,03	5,15
Number of Refrigerant Circuit		--	2	2	2	2
Operating/Shipping Weight		kg	4832/4757	5220/5130	5723/5633	6380/6270
Unit Dimensions	LxWxH	mm	6092/2253/2297	6092/2253/2297	7186/2253/2297	8380/2253/2297
Electrical Information						
Unit Voltage:		V-Ph-Hz	400(+/-10%)-3-50	400(+/-10%)-3-50	400(+/-10%)-3-50	400(+/-10%)-3-50
Standby Power:		kW	0,15	0,15	0,15	0,15
Power Factor:		--	0,92	0,92	0,92	0,93
Amps (Un)						
Circuit 1						
Maximum Current		A	264	300	344	218
Start Up Current		A	<RLA	<RLA	<RLA	<RLA
Current at Eurovent Conditions		A	197	232	262	165
Circuit 2						
Maximum Current		A	--	--	--	218
Start Up Current		A	--	--	--	<RLA
Current at Eurovent Conditions		A	--	--	--	165

* Cooling mode conditions: Water heat exchanger, entering/leaving water temperature 12°C/7°C, fouling factor 0 m² K/W. Outside air temperature 35°C.

30XAV-ZE			30XAVZE0701	30XAVZE0851	30XAVZE0901
Cooling					
Performance Information					
Cooling Capacity*		kW	703	804	879
Cooling Efficiency	EER	kW/kW	3,28	3,24	3,26
Seasonal Efficiency	ESEER	kW/kW	4,96	4,91	5,08
Number of Refrigerant Circuit		--	2	2	2
Operating/Shipping Weight		kg	6806/6686	7687/7553	8076/7930
Unit Dimensions	LxWxH	mm	9573/2253/2297	10767/2253/2297	11962/2253/2297
Electrical Information					
Unit Voltage:		V-Ph-Hz	400(+/-10%)-3-50	400(+/-10%)-3-50	400(+/-10%)-3-50
Standby Power:		kW	0,15	0,15	0,15
Power Factor:		--	0,92	0,92	0,92
Amps (Un)					
Circuit 1					
Maximum Current		A	272	272	302
Start Up Current		A	<RLA	<RLA	<RLA
Current at Eurovent Conditions		A	199	199	222
Circuit 2					
Maximum Current		A	218	272	302
Start Up Current		A	<RLA	<RLA	<RLA
Current at Eurovent Conditions		A	165	199	222

* Cooling mode conditions: Water heat exchanger, entering/leaving water temperature 12°C/7°C, fouling factor 0 m² K/W. Outside air temperature 35°C.

Preliminary product data for information only. Final product data will be submitted by Carrier to Eurovent company during 2016.
Physical data for 30XA-ZE will be available after official product launch.
Please contact your sales representative for more information.