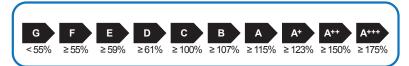
## **ERP Values Comfort (DHW Integrated type)**

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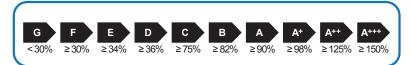


Models Waterstage	Comfort Integrated DHW 5		Comfort Integrated DHW 6		Comfort Integrated DHW 8		Comfort Integrated DHW 10	
Hydraulic unit reference	WGHA050DG		WGHA100DG		WGHA100DG		WGHA100DG	
Seasonal space heating energy efficiency of heat pump	169%		169%		156%		155%	
Type of temperature control (* = Outdoor sensor ;** = Room unit)	* class II	** class VI	* class II	** class VI	* class II	** class VI	* class II	** class VI
Bonus	2%	4%	2%	4%	2%	4%	2%	4%
Seasonal space heating energy efficiency of package under average climate	171%	173%	171%	173%	158%	160%	157%	159%
Energy class of package	A++	A++	A++	A++	A++	A++	A++	A++
Seasonal space heating energy efficiency of package under warmer climate	219%	221%	223%	225%	220%	222%	205%	207%
Seasonal space heating energy efficiency of package under colder climate	NA							

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

Performance values mentioned above are measured by connecting the optional backup heater to the hydraulic unit.

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Models Waterstage	Comfort Integrated DHW 5		Comfort Integrated DHW 6		Comfort Integrated DHW 8		Comfort Integrated DHW 10	
Hydraulic unit reference	WGHA050DG		WGHA100DG		WGHA100DG		WGHA100DG	
Seasonal space heating energy efficiency of heat pump	115%		115%		118%		113%	
Type of temperature control (* = Outdoor sensor ;** = Room unit)	* class II	** class VI	* class II	** class VI	* class II	** class VI	* class II	** class VI
Bonus	2%	4%	2%	4%	2%	4%	2%	4%
Seasonal space heating energy efficiency of package under average climate	117%	119%	117%	119%	120%	122%	115%	117%
Energy class of package	A+	A+	A+	A+	A+	A+	A+	A+
Seasonal space heating energy efficiency of package under warmer climate	140%	142%	141%	143%	144%	146%	136%	138%
Seasonal space heating energy efficiency of package under colder climate	NA							

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

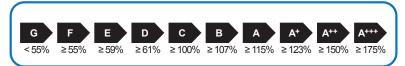
Performance values mentioned above are measured by connecting the optional backup heater to the hydraulic unit.

Outdoor sensor included in the package					
Controller class	Ш				
Contribution to engery efficiency	2%				

Room unit references	UTW-C55XA UTW-C58XD UTW-C74TXF UTW-C74HXF UTW-C78XA
Controller class	VI
Contribution to engery efficiency	4%

## **ERP values High power (DHW Integrated type)**

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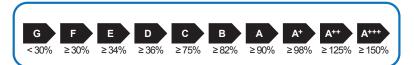


Models Waterstage	HP Integrated HP Integrated DHW 11 single phase		-	HP Integrated DHW 11 3-phase		HP Integrated DHW 14 3-phase		HP Integrated DHW 16 3-phase				
Hydraulic unit reference	WGHG	140DG	WGHG	140DG	WGHG140DG		WGHG140DG		/GHG140DG WGHG140D			
Seasonal space heating energy efficiency of heat pump	15	1%	148% 154% 150%		154%		154% 150%		150%		14	9%
Type of temperature control (* = Outdoor sensor;** = Room unit)	classe II	classe VI	classe II	classe VI	classe II	classe VI	classe II	classe VI	classe II	classe VI		
Bonus	2%	4%	2%	4%	2%	4%	2%	4%	2%	4%		
Seasonal space heating energy efficiency of package under average climate	153%	155%	150%	152%	156%	158%	152%	154%	151%	153%		
Energy class of package	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++		
Seasonal space heating energy efficiency of package under warmer climate	196%	198%	189%	191%	196%	198%	193%	195%	194%	196%		
Seasonal space heating energy efficiency of package under colder climate	123%	125%	120%	122%	126%	128%	124%	126%	121%	123%		

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

Performance values mentioned above are measured by connecting the optional backup heater to the hydraulic unit.

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Models Waterstage				HP Integrated DHW 11 3-phase [		HP Integrated DHW 14 3-phase		HP Integrated DHW 16 3-phase				
Hydraulic unit reference	WGHG	140DG	WGHG	140DG	WGHG140DG WGHG140DG		WGHG140DG					
Seasonal space heating energy efficiency of heat pump	10	9%	11:	3%	112%		112% 117%		117%		11	7%
Type of temperature control (* = Outdoor sensor;** = Room unit)	classe II	classe VI	classe II	classe VI	classe II	classe VI	classe II	classe VI	classe II	classe VI		
Bonus	2%	4%	2%	4%	2%	4%	2%	4%	2%	4%		
Seasonal space heating energy efficiency of package under average climate	111%	113%	115%	117%	114%	116%	119%	121%	119%	121%		
Energy class of package	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+		
Seasonal space heating energy efficiency of package under warmer climate	119%	121%	130%	132%	125%	127%	135%	137%	141%	143%		
Seasonal space heating energy efficiency of package under colder climate	102%	104%	102%	104%	102%	104%	102%	104%	102%	104%		

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

Performance values mentioned above are measured by connecting the optional backup heater to the hydraulic unit.

Outdoor sensor included in the package					
Controller class	Ш				
Contribution to engery efficiency	2%				

Room unit references	UTW-C55XA UTW-C58XD UTW-C74TXF UTW-C74HXF UTW-C78XA
Controller class	VI
Contribution to engery efficiency	4%

# Combination

Heat Pump	Outdoor Unit	Hydraulic Unit
Model	Reference	Reference
Waterstage Comfort Integrated DHW 5	WOHA060LFCA	WGHA050DG
Waterstage Comfort Integrated DHW 6	WOHA060LFCA	
Waterstage Comfort Integrated DHW 8	WOHA080LFCA	WGHA100DG
Waterstage Comfort Integrated DHW 10	WOHA100LFTA	
Waterstage High Power Integrated DHW 11 single phase	WOHG112LCTA	
Waterstage High Power Integrated DHW 14 single phase	WOHG140LCTA	
Waterstage High Power Integrated DHW 11 3-phase	WOHK112LCTA	WGHG140DG
Waterstage High Power Integrated DHW 14 3-phase	WOHK140LCTA	
Waterstage High Power Integrated DHW 16 3-phase	WOHK160LCTA	