



# EPTAMETIC FRASCOLD R452A

## ENERGY EFFICIENCY DATA SHEETS

*Values of COP and SEPR in conformity  
to the rule UE2015/1095 of May 5<sup>th</sup> 2015*

N° DOC. Im000106  
REV. “-” - 04.04.17

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	2/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN18 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	x	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	1,28	kW
Nominal absorbed power	$D_A$	1,26	kW
Nominal COP	$COP_A$	1,02	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	1,45	kW
Nominal absorbed power	$D_B$	1,22	kW
Declared COP	$COP_B$	1,19	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	x	kW
Nominal absorbed power	$D_C$	x	kW
Declared COP	$COP_C$	x	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	x	kW
Nominal absorbed power	$D_D$	x	kW
Declared COP	$COP_D$	x	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	1,00	kW
Nominal absorbed power	$D_3$	1,31	kW
Declared COP	$COP_3$	0,76	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$		
	0,25		

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	3/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN28 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,45	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	2,31	kW
Nominal absorbed power	$D_A$	2,08	kW
Nominal COP	$COP_A$	1,11	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	2,60	kW
Nominal absorbed power	$D_B$	2,02	kW
Declared COP	$COP_B$	1,29	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	2,97	kW
Nominal absorbed power	$D_C$	1,93	kW
Declared COP	$COP_C$	1,54	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	3,24	kW
Nominal absorbed power	$D_D$	1,83	kW
Declared COP	$COP_D$	1,77	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	1,86	kW
Nominal absorbed power	$D_3$	2,21	kW
Declared COP	$COP_3$	0,84	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	4/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN40 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,69	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	2,45	kW
Nominal absorbed power	$D_A$	2,13	kW
Nominal COP	$COP_A$	1,15	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	2,82	kW
Nominal absorbed power	$D_B$	2,09	kW
Declared COP	$COP_B$	1,35	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	3,26	kW
Nominal absorbed power	$D_C$	2,04	kW
Declared COP	$COP_C$	1,60	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	3,53	kW
Nominal absorbed power	$D_D$	2,16	kW
Declared COP	$COP_D$	1,83	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	1,86	kW
Nominal absorbed power	$D_3$	2,19	kW
Declared COP	$COP_3$	0,85	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	5/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN41 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,44	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	2,95	kW
Nominal absorbed power	$D_A$	2,56	kW
Nominal COP	$COP_A$	1,15	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	3,32	kW
Nominal absorbed power	$D_B$	2,51	kW
Declared COP	$COP_B$	1,32	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	3,78	kW
Nominal absorbed power	$D_C$	2,46	kW
Declared COP	$COP_C$	1,54	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	4,09	kW
Nominal absorbed power	$D_D$	2,36	kW
Declared COP	$COP_D$	1,73	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	2,35	kW
Nominal absorbed power	$D_3$	2,67	kW
Declared COP	$COP_3$	0,88	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	6/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model	EPTAMETIC- GN50 FRASCOLD
Refrigerating Fluid	R452a

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,69	

Parameters at full load and at a room temperature of 32°C (Point A)			
Nominal cooling capacity	$P_A$	3,44	kW
Nominal absorbed power	$D_A$	2,82	kW
Declared COP	$COP_A$	1,22	

Parameters at full load and at a room temperature of 25°C (Point B)			
Nominal cooling capacity	$P_B$	3,97	kW
Nominal absorbed power	$D_B$	2,77	kW
Declared COP	$COP_B$	1,43	

Parameters at full load and at a room temperature of 15°C (Point C)			
Nominal cooling capacity	$P_C$	4,61	kW
Nominal absorbed power	$D_C$	2,68	kW
Declared COP	$COP_C$	1,72	

Parameters at full load and at a room temperature of 5°C (Point D)			
Nominal cooling capacity	$P_D$	5,00	kW
Nominal absorbed power	$D_D$	2,50	kW
Declared COP	$COP_D$	2,00	

Parameters at full load and at a room temperature of 43°C			
Nominal cooling capacity	$P_3$	2,56	kW
Nominal absorbed power	$D_3$	0,87	kW
Declared COP	$COP_3$	0,89	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	7/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN70 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	-35°C	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	x	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	1,51	

**Parameters at full load and at a room temperature of 32°C****(Point A)**

Nominal cooling capacity	<i>P<sub>A</sub></i>	4,46	kW
Nominal absorbed power	<i>D<sub>A</sub></i>	3,78	kW
Nominal COP	<i>COP<sub>A</sub></i>	1,18	

**Parameters at full load and at a room temperature of 25°C****(Point B)**

Nominal cooling capacity	<i>P<sub>B</sub></i>	5,07	kW
Nominal absorbed power	<i>D<sub>B</sub></i>	3,72	kW
Declared COP	<i>COP<sub>B</sub></i>	1,36	

**Parameters at full load and at a room temperature of 15°C****(Point C)**

Nominal cooling capacity	<i>P<sub>C</sub></i>	5,78	kW
Nominal absorbed power	<i>D<sub>C</sub></i>	3,59	kW
Declared COP	<i>COP<sub>C</sub></i>	1,61	

**Parameters at full load and at a room temperature of 5°C****(Point D)**

Nominal cooling capacity	<i>P<sub>D</sub></i>	6,17	kW
Nominal absorbed power	<i>D<sub>A</sub></i>	3,37	kW
Declared COP	<i>COP<sub>D</sub></i>	1,83	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	<i>P<sub>3</sub></i>	3,46	kW
Nominal absorbed power	<i>D<sub>3</sub></i>	3,85	kW
Declared COP	<i>COP<sub>3</sub></i>	0,90	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	8/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN75 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,53	

**Parameters at full load and at a room temperature of 32°C****(Point A)**

Nominal cooling capacity	$P_A$	5,28	kW
Nominal absorbed power	$D_A$	4,40	kW
Nominal COP	$COP_A$	1,20	

**Parameters at full load and at a room temperature of 25°C****(Point B)**

Nominal cooling capacity	$P_B$	5,97	kW
Nominal absorbed power	$D_B$	4,33	kW
Declared COP	$COP_B$	1,38	

**Parameters at full load and at a room temperature of 15°C****(Point C)**

Nominal cooling capacity	$P_C$	6,85	kW
Nominal absorbed power	$D_C$	4,20	kW
Declared COP	$COP_C$	1,63	

**Parameters at full load and at a room temperature of 5°C****(Point D)**

Nominal cooling capacity	$P_D$	7,50	kW
Nominal absorbed power	$D_D$	4,03	kW
Declared COP	$COP_D$	1,86	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	4,21	kW
Nominal absorbed power	$D_3$	4,53	kW
Declared COP	$COP_3$	0,93	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	Cdc		
	0,25		

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	9/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN76 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,66	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	6,78	kW
Nominal absorbed power	$D_A$	5,10	kW
Nominal COP	$COP_A$	1,33	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	7,73	kW
Nominal absorbed power	$D_B$	5,05	kW
Declared COP	$COP_B$	1,53	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	8,80	kW
Nominal absorbed power	$D_C$	4,92	kW
Declared COP	$COP_C$	1,79	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	9,24	kW
Nominal absorbed power	$D_D$	4,69	kW
Declared COP	$COP_D$	1,97	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	5,20	kW
Nominal absorbed power	$D_3$	5,09	kW
Declared COP	$COP_3$	1,02	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	10/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN100 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,58	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	8,64	kW
Nominal absorbed power	$D_A$	6,97	kW
Nominal COP	$COP_A$	1,24	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	9,72	kW
Nominal absorbed power	$D_B$	6,75	kW
Declared COP	$COP_B$	1,44	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	10,99	kW
Nominal absorbed power	$D_C$	6,46	kW
Declared COP	$COP_C$	1,70	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	11,61	kW
Nominal absorbed power	$D_D$	6,17	kW
Declared COP	$COP_D$	1,88	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	6,71	kW
Nominal absorbed power	$D_3$	7,21	kW
Declared COP	$COP_3$	0,93	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	11/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN150 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,63	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	11,84	kW
Nominal absorbed power	$D_A$	9,71	kW
Nominal COP	$COP_A$	1,22	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	13,41	kW
Nominal absorbed power	$D_B$	9,51	kW
Declared COP	$COP_B$	1,41	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	15,21	kW
Nominal absorbed power	$D_C$	9,16	kW
Declared COP	$COP_C$	1,66	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	16,07	kW
Nominal absorbed power	$D_D$	8,88	kW
Declared COP	$COP_D$	1,81	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	9,16	kW
Nominal absorbed power	$D_3$	9,85	kW
Declared COP	$COP_3$	0,93	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	12/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN200 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,59	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	9,36	kW
Nominal absorbed power	$D_A$	7,49	kW
Nominal COP	$COP_A$	1,25	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	10,60	kW
Nominal absorbed power	$D_B$	7,31	kW
Declared COP	$COP_B$	1,45	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	12,07	kW
Nominal absorbed power	$D_C$	7,06	kW
Declared COP	$COP_C$	1,71	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	12,93	kW
Nominal absorbed power	$D_D$	6,80	kW
Declared COP	$COP_D$	1,90	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	7,20	kW
Nominal absorbed power	$D_3$	7,66	kW
Declared COP	$COP_3$	0,94	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	13/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GN300 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-35°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	1,44	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	12,95	kW
Nominal absorbed power	$D_A$	10,97	kW
Nominal COP	$COP_A$	1,18	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	14,60	kW
Nominal absorbed power	$D_B$	10,81	kW
Declared COP	$COP_B$	1,35	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	16,31	kW
Nominal absorbed power	$D_C$	10,52	kW
Declared COP	$COP_C$	1,55	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	16,60	kW
Nominal absorbed power	$D_D$	10,00	kW
Declared COP	$COP_D$	1,66	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	10,16	kW
Nominal absorbed power	$D_3$	11,16	kW
Declared COP	$COP_3$	0,91	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	14/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model	EPTAMETIC - GP05 FRASCOLD
Refrigerating Fluid	R452a

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	x	

Parameters at full load and at a room temperature of 32°C (Point A)			
Nominal cooling capacity	$P_A$	2,28	kW
Nominal absorbed power	$D_A$	1,17	kW
Declared COP	$COP_A$	1,94	

Parameters at full load and at a room temperature of 25°C (Point B)			
Nominal cooling capacity	$P_B$	2,62	kW
Nominal absorbed power	$D_B$	1,12	kW
Declared COP	$COP_B$	2,34	

Parameters at full load and at a room temperature of 15°C (Point C)			
Nominal cooling capacity	$P_C$	x	kW
Nominal absorbed power	$D_C$	x	kW
Declared COP	$COP_C$	x	

Parameters at full load and at a room temperature of 5°C (Point D)			
Nominal cooling capacity	$P_D$	x	kW
Nominal absorbed power	$D_D$	x	kW
Declared COP	$COP_D$	x	

Parameters at full load and at a room temperature of 43°C			
Nominal cooling capacity	$P_3$	1,79	kW
Nominal absorbed power	$D_3$	1,26	kW
Declared COP	$COP_3$	1,42	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	15/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP10 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	x	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	2,65	kW
Nominal absorbed power	$D_A$	1,29	kW
Nominal COP	$COP_A$	2,05	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	3,00	kW
Nominal absorbed power	$D_B$	1,21	kW
Declared COP	$COP_B$	2,48	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	x	kW
Nominal absorbed power	$D_C$	x	kW
Declared COP	$COP_C$	x	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	x	kW
Nominal absorbed power	$D_D$	x	kW
Declared COP	$COP_D$	x	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	2,13	kW
Nominal absorbed power	$D_3$	1,41	kW
Declared COP	$COP_3$	1,51	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$		
	0,25		

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	16/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP15 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	$t$	-10°C	°C
Annual consumption of electrical energy	$Q$	x	kWh/a
Seasonal energy efficiency ratio	$SEPR$	x	

**Parameters at full load and at a room temperature of 32°C****(Point A)**

Nominal cooling capacity	$P_A$	3,23	kW
Nominal absorbed power	$D_A$	1,74	kW
Nominal COP	$COP_A$	1,85	

**Parameters at full load and at a room temperature of 25°C****(Point B)**

Nominal cooling capacity	$P_B$	3,70	kW
Nominal absorbed power	$D_B$	1,68	kW
Declared COP	$COP_B$	2,20	

**Parameters at full load and at a room temperature of 15°C****(Point C)**

Nominal cooling capacity	$P_C$	x	kW
Nominal absorbed power	$D_C$	x	kW
Declared COP	$COP_C$	x	

**Parameters at full load and at a room temperature of 5°C****(Point D)**

Nominal cooling capacity	$P_D$	x	kW
Nominal absorbed power	$D_D$	x	kW
Declared COP	$COP_D$	x	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	2,61	kW
Nominal absorbed power	$D_3$	1,88	kW
Declared COP	$COP_3$	1,39	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$		
	0,25		

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	17/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP20 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	x	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	4,19	kW
Nominal absorbed power	$D_A$	2,20	kW
Nominal COP	$COP_A$	1,90	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	4,71	kW
Nominal absorbed power	$D_B$	2,08	kW
Declared COP	$COP_B$	2,26	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	x	kW
Nominal absorbed power	$D_C$	x	kW
Declared COP	$COP_C$	x	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	x	kW
Nominal absorbed power	$D_D$	x	kW
Declared COP	$COP_D$	x	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	3,36	kW
Nominal absorbed power	$D_3$	2,37	kW
Declared COP	$COP_3$	1,42	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$		
	0,25		

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	18/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP25 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	0,00	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	4,64	kW
Nominal absorbed power	$D_A$	2,52	kW
Nominal COP	$COP_A$	1,84	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	5,19	kW
Nominal absorbed power	$D_B$	2,39	kW
Declared COP	$COP_B$	2,17	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	0,00	kW
Nominal absorbed power	$D_C$	0,00	kW
Declared COP	$COP_C$	0,00	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	0,00	kW
Nominal absorbed power	$D_D$	0,00	kW
Declared COP	$COP_D$	0,00	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	3,82	kW
Nominal absorbed power	$D_3$	2,69	kW
Declared COP	$COP_3$	1,42	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	19/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP30 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	-10°C	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	x	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	2,45	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	<i>P<sub>A</sub></i>	6,91	kW
Nominal absorbed power	<i>D<sub>A</sub></i>	3,93	kW
Nominal COP	<i>COP<sub>A</sub></i>	1,76	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	<i>P<sub>B</sub></i>	7,74	kW
Nominal absorbed power	<i>D<sub>B</sub></i>	3,72	kW
Declared COP	<i>COP<sub>B</sub></i>	2,08	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	<i>P<sub>C</sub></i>	9,00	kW
Nominal absorbed power	<i>D<sub>C</sub></i>	3,41	kW
Declared COP	<i>COP<sub>C</sub></i>	2,64	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	<i>P<sub>D</sub></i>	10,29	kW
Nominal absorbed power	<i>D<sub>A</sub></i>	3,07	kW
Declared COP	<i>COP<sub>D</sub></i>	3,35	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	<i>P<sub>3</sub></i>	5,71	kW
Nominal absorbed power	<i>D<sub>3</sub></i>	4,26	kW
Declared COP	<i>COP<sub>3</sub></i>	1,34	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	20/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP40 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	2,63	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	8,72	kW
Nominal absorbed power	$D_A$	4,64	kW
Nominal COP	$COP_A$	1,88	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	9,72	kW
Nominal absorbed power	$D_B$	4,38	kW
Declared COP	$COP_B$	2,22	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	11,14	kW
Nominal absorbed power	$D_C$	3,95	kW
Declared COP	$COP_C$	2,82	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	12,43	kW
Nominal absorbed power	$D_D$	3,47	kW
Declared COP	$COP_D$	3,58	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	7,20	kW
Nominal absorbed power	$D_3$	5,07	kW
Declared COP	$COP_3$	1,42	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	21/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP47 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	2,89	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	9,75	kW
Nominal absorbed power	$D_A$	4,75	kW
Nominal COP	$COP_A$	2,05	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	10,81	kW
Nominal absorbed power	$D_B$	4,46	kW
Declared COP	$COP_B$	2,42	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	12,25	kW
Nominal absorbed power	$D_C$	3,99	kW
Declared COP	$COP_C$	3,07	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	13,51	kW
Nominal absorbed power	$D_D$	3,41	kW
Declared COP	$COP_D$	3,96	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	8,08	kW
Nominal absorbed power	$D_3$	5,15	kW
Declared COP	$COP_3$	1,57	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	22/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model	EPTAMETIC- GP50 FRASCOLD
Refrigerating Fluid	R452a

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	3,23	

Parameters at full load and at a room temperature of 32°C (Point A)			
Nominal cooling capacity	$P_A$	11,64	kW
Nominal absorbed power	$D_A$	5,39	kW
Declared COP	$COP_A$	2,16	

Parameters at full load and at a room temperature of 25°C (Point B)			
Nominal cooling capacity	$P_B$	13,12	kW
Nominal absorbed power	$D_B$	5,05	kW
Declared COP	$COP_B$	2,60	

Parameters at full load and at a room temperature of 15°C (Point C)			
Nominal cooling capacity	$P_C$	15,24	kW
Nominal absorbed power	$D_C$	4,47	kW
Declared COP	$COP_C$	3,41	

Parameters at full load and at a room temperature of 5°C (Point D)			
Nominal cooling capacity	$P_D$	17,30	kW
Nominal absorbed power	$D_D$	3,72	kW
Declared COP	$COP_D$	4,65	

Parameters at full load and at a room temperature of 43°C			
Nominal cooling capacity	$P_3$	9,42	kW
Nominal absorbed power	$D_3$	5,85	kW
Declared COP	$COP_3$	1,61	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	23/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP75 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	2,80	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	15,61	kW
Nominal absorbed power	$D_A$	7,84	kW
Nominal COP	$COP_A$	1,99	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	17,48	kW
Nominal absorbed power	$D_B$	7,47	kW
Declared COP	$COP_B$	2,34	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	20,15	kW
Nominal absorbed power	$D_C$	6,88	kW
Declared COP	$COP_C$	2,93	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	22,69	kW
Nominal absorbed power	$D_D$	6,08	kW
Declared COP	$COP_D$	3,73	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	12,74	kW
Nominal absorbed power	$D_3$	8,38	kW
Declared COP	$COP_3$	1,52	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	24/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP100 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	2,85	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	19,57	kW
Nominal absorbed power	$D_A$	9,50	kW
Nominal COP	$COP_A$	2,06	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	22,04	kW
Nominal absorbed power	$D_B$	9,07	kW
Declared COP	$COP_B$	2,43	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	25,58	kW
Nominal absorbed power	$D_C$	8,36	kW
Declared COP	$COP_C$	3,06	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	28,98	kW
Nominal absorbed power	$D_D$	7,41	kW
Declared COP	$COP_D$	3,91	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	15,83	kW
Nominal absorbed power	$D_3$	10,02	kW
Declared COP	$COP_3$	1,58	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$ 0,25		

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	25/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model	EPTAMETIC- GP150 FRASCOLD
Refrigerating Fluid	R452a

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	2,97	

Parameters at full load and at a room temperature of 32°C (Point A)			
Nominal cooling capacity	$P_A$	26,97	kW
Nominal absorbed power	$D_A$	12,72	kW
Declared COP	$COP_A$	2,12	

Parameters at full load and at a room temperature of 25°C (Point B)			
Nominal cooling capacity	$P_B$	29,92	kW
Nominal absorbed power	$D_B$	11,92	kW
Declared COP	$COP_B$	2,51	

Parameters at full load and at a room temperature of 15°C (Point C)			
Nominal cooling capacity	$P_C$	33,94	kW
Nominal absorbed power	$D_C$	10,64	kW
Declared COP	$COP_C$	3,19	

Parameters at full load and at a room temperature of 5°C (Point D)			
Nominal cooling capacity	$P_D$	37,48	kW
Nominal absorbed power	$D_D$	9,32	kW
Declared COP	$COP_D$	4,02	

Parameters at full load and at a room temperature of 43°C			
Nominal cooling capacity	$P_3$	22,36	kW
Nominal absorbed power	$D_3$	13,72	kW
Declared COP	$COP_3$	1,63	
Control of capacity	fixed		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	0,25	

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WHITH THE APPROVED ORIGINAL	Epta	
PRODUCT	EPTAMET.FR. R452A	ORD.	DATE	ORD.	DATE		PAGE	26/27
N° DOC.	IM000106	A		D			FIRST ISSUE	04.04.17
N° CHAP.		B		E			ISSUE	MKTG
		C		F				

Model

**EPTAMETIC- GP200 FRASCOLD**

Refrigerating Fluid

**R452a**

Element	Symbol	Value	Unit
Evaporation temperature	t	-10°C	°C
Annual consumption of electrical energy	Q	x	kWh/a
Seasonal energy efficiency ratio	SEPR	2,88	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	29,07	kW
Nominal absorbed power	$D_A$	14,11	kW
Nominal COP	$COP_A$	2,06	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	32,22	kW
Nominal absorbed power	$D_B$	13,26	kW
Declared COP	$COP_B$	2,43	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	36,62	kW
Nominal absorbed power	$D_C$	11,89	kW
Declared COP	$COP_C$	3,08	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	40,70	kW
Nominal absorbed power	$D_D$	10,41	kW
Declared COP	$COP_D$	3,91	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	24,13	kW
Nominal absorbed power	$D_3$	15,18	kW
Declared COP	$COP_3$	1,59	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$		
	0,25		



EN ISO 9001  
20 100 52000-877  
EN 13445-2000  
20 104 441373322  
OHSAS 18001  
20 116 141373323