

### Technical specifications

MODEL			PURY-EP200YNW-A	PURY-EP250YNW-A	PURY-EP300YNW-A	PURY-EP350YNW-A	PURY-EP400YNW-A	PURY-EP450YNW-A	PURY-EP500YNW-A	PURY-EP550YNW-A
HP			8	10	12	14	16	18	20	22
Modules			PURY-EP200YNW-A	PURY-EP250YNW-A	PURY-EP300YNW-A	PURY-EP350YNW-A	PURY-EP400YNW-A	PURY-EP450YNW-A	PURY-EP500YNW-A	PURY-EP550YNW-A
Power supply	V/Hz/n°		3-phase 380-415V 50Hz							
Cooling	Capacity*1	kW	22,4	28	33,5	40	45	50	56	63
	Power input	kW	4,23	5,62	7,39	8,81	11,33	10,72	12,69	15,98
	EER		5,29	4,98	4,53	4,54	3,97	4,66	4,41	3,94
	SEER		8,44	8,67	8,16	8,4	7,86	7,75	7,61	7,3
	Temperature operating field	Indoor WB	°C	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24
Outdoor DB		°C	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52
Heating	Capacity*2	kW	25	31,5	37,5	45	50	56	63	69
	Power input	kW	4,57	5,98	8,36	10,24	12,98	13,14	14,21	17,59
	COP		5,47	5,26	4,48	4,39	3,85	4,26	4,43	3,92
	SCOP		4,67	4,49	4,22	4,1	4,05	3,86	3,77	3,6
	Temperature operating field	Indoor WB	°C	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27
Outdoor DB		°C	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5
Sound power level*3	dB(A)		59/59	60,5/61	61/67	62,5/64	65/69	65,5/70	63,5/64,5	66/70
Connectable indoor units	Total capacity		50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%
	Model/Quantity	CITY MULTI	P15-P250/1-20	P15-P250/1-25	P15-P250/1-30	P15-P250/1-35	P15-P250/1-40	P15-P250/1-45	P15-P250/1-50	P15-P250/2-50
Ø Ref. piping diameter	Liquid	mm	15,88	19,05	19,05	19,05	22,2	22,2	22,2	22,2
	Gas	mm	19,05	22,2	22,2	28,58	28,58	28,58	28,58	28,58
Fan	Type x quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow	m³/min	170	185	240	250	315	315	295	410
Compressor	Type		Scroll ermetico inverter							
	Motor output	kW	5,6	7	7,9	10,2	10,9	12,4	13	14,3
External dimentions	(HxLxD)	mm	1858x920x740	1858x920x740	1858x920x740	1858x1240x740	1858x1240x740	1858x1240x740	1858x1750x740	1858x1750x740
Net weight		kg	234	234	236	279	282	306	345	345
Ref. Charge R410*4/ CO <sub>2</sub> Eq	Ref. Charge R410*4/CO <sub>2</sub> Eq	kg	5,2	5,2	5,2	8	8	10,8	10,8	10,8
	CO <sub>2</sub> eq.*4	Tons	10,86	10,86	10,86	16,7	16,7	22,55	22,55	22,55

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MODEL			PURY-EP400Y-SNW-A	PURY-EP450Y-SNW-A	PURY-EP500Y-SNW-A	PURY-EP550Y-SNW-A	PURY-EP600Y-SNW-A	PURY-EP650Y-SNW-A	PURY-EP700Y-SNW-A	PURY-EP750Y-SNW-A
HP			16	18	20	22	24	26	28	30
Modules			PURY-EP200YNW-A PURY-EP200YNW-A	PURY-EP200YNW-A PURY-EP250YNW-A	PURY-EP250YNW-A PURY-EP250YNW-A	PURY-EP250YNW-A PURY-EP300YNW-A	PURY-EP300YNW-A PURY-EP300YNW-A	PURY-EP300YNW-A PURY-EP350YNW-A	PURY-EP350YNW-A PURY-EP350YNW-A	PURY-EP350YNW-A PURY-EP400YNW-A
Power supply	V/Hz/n°		3-phase 380-415V 50Hz							
Cooling	Capacity*1	kW	45	50	56	63	69	73	80	85
	Power input	kW	8,77	10,04	11,59	13,66	15,71	16,59	18,18	20,58
	EER		5,13	4,98	4,83	4,61	4,39	4,4	4,4	4,13
	SEER		8,35	8,43	8,54	8,29	8,02	8,1	8,31	8,03
	Temperature operating field	Indoor WB	°C	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24
Outdoor DB		°C	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52
Heating	Capacity*2	kW	50	56	63	69	76,5	81,5	88	95
	Power input	kW	9,42	10,76	12,34	14,61	17,58	18,94	20,65	23,74
	COP		5,3	5,2	5,1	4,72	4,35	4,3	4,26	4
	SCOP		4,53	4,47	4,36	4,23	4,07	4,06	4,01	3,96
	Temperature operating field	Indoor WB	°C	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27
Outdoor DB		°C	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5
Sound power level*3	dB(A)		62/62	63/63,5	63,5/64	64/68	64/70	65/69	65,5/67	67/70,5
Connectable indoor units	Total capacity		50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%
	Model/Quantity	CITY MULTI	P15-P250/1-40	P15-P250/1-45	P15-P250/1-50	P15-P250/2-50	P15-P250/2-50	P15-P250/2-50	P15-P250/2-50	P15-P250/2-50
Ø Ref. piping diameter	Liquid	mm	22,2	22,2	22,2	22,2	22,2	28,58	28,58	28,58
	Gas	mm	28,58	28,58	28,58	28,58	28,58	28,58	34,93	34,93
Fan	Type x quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 3	Propeller fan x 4	Propeller fan x 4
	Air flow	m³/min	170 170	170 185	185 185	185 240	240 240	240 250	250 250	250 315
Compressor	Type		Scroll ermetico inverter							
	Motor output	kW	5,6 7	7 7	7 7,9	7,9 7,9	7,9 10,2	10,2 10,2	10,2 10,9	10,2 10,9
External dimentions	(HxLxD)	mm	1858x920x740 1858x920x740	1858x920x740 1858x920x740	1858x920x740 1858x920x740	1858x920x740 1858x920x740	1858x920x740 1858x920x740	1858x920x740 1858x1240x740	1858x1240x740 1858x1240x740	1858x1240x740 1858x1240x740
Net weight		kg	468	468	468	470	472	515	558	561
Ref. Charge R410*4/ CO <sub>2</sub> Eq	Ref. Charge R410*4/CO <sub>2</sub> Eq	kg	10,4	10,4	10,4	10,4	10,4	13,2	16	16
	CO <sub>2</sub> eq.*4	Tons	21,72	21,72	21,72	21,72	21,72	27,56	33,4	33,4

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MODEL			PURY-EP800YSNW-A	PURY-EP850YSNW-A	PURY-EP900YSNW-A	PURY-EP950YSNW-A	PURY-EP1000YSNW-A	PURY-EP1050YSNW-A	PURY-EP1100YSNW-A
HP			32	34	36	38	40	42	44
Modules			PURY-EP400YNW-A PURY-EP400YNW-A	PURY-EP400YNW-A PURY-EP450YNW-A	PURY-EP450YNW-A PURY-EP450YNW-A	PURY-EP450YNW-A PURY-EP500YNW-A	PURY-EP500YNW-A PURY-EP500YNW-A	PURY-EP500YNW-A PURY-EP550YNW-A	PURY-EP550YNW-A PURY-EP550YNW-A
Power supply	V/Hz/n°		3-phase 380-415V 50Hz						
Cooling	Capacity*1	kW	90	96	101	108	113	118	124
	Power input	kW	23,37	22,91	22,34	24,54	26,4	29,13	32,46
	EER		3,85	4,19	4,52	4,4	4,28	4,05	3,82
	SEER		7,76	7,75	7,7	7,63	7,54	7,36	7,21
	Temperature operating field	Indoor WB °C	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24
	Outdoor DB °C	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	-5~+52	
Heating	Capacity*2	kW	100	108	113	119,5	127	132	140
	Power input	kW	26,8	27,47	27,35	28,37	29,52	32,58	36,83
	COP		3,73	3,93	4,13	4,21	4,3	4,05	3,8
	SCOP		3,93	3,82	3,73	3,7	3,65	3,58	3,52
	Temperature operating field	Indoor WB °C	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27
	Outdoor DB °C	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	-20~+15,5	
Sound power level*3	dB(A)		68/72	68,5/72,5	68,5/73	68/71,5	66,5/67,5	68/73	69/73
Connectable indoor units	Total capacity		50-150%	50-150%	50-150%	50-150%	50-150%	50-150%	50-150%
	Model/Quantity	CITY MULTI	P15-P250/2-50	P15-P250/2-50	P15-P250/2-50	P15-P250/2-50	P15-P250/2-50	P15-P250/3-50	P15-P250/3-50
Ø Ref. piping diameter	Liquid	mm	28,58	28,58	28,58	28,58	28,58	34,93	34,93
	Gas	mm	34,93	41,28	41,28	41,28	41,28	41,28	41,28
Fan	Type x quantity		Propeller fan x 4						
	Air flow	m³/min	315 315	315 315	315 315	315 295	295 295	295 410	410 410
Compressor	Type		Inverter scroll hermetic						
	Motor output	kW	10,9 10,9	10,9 12,4	12,4 12,4	12,4 13	13 13	13 14,3	14,3 14,3
External dimensions	(HxLxD)	mm	1858x1240x740 1858x1240x740	1858x1240x740 1858x1240x740	1858x1240x740 1858x1240x740	1858x1240x740 1858x1750x740	1858x1750x740 1858x1750x740	1858x1750x740 1858x1750x740	1858x1750x740 1858x1750x740
Net weight		kg	564	588	612	651	690	690	690
Ref. Charge R410*/CO <sub>2</sub> Eq	Ref. Charge R410*/CO <sub>2</sub> Eq	kg	16	18,8	21,6	21,6	21,6	21,6	21,6
	CO <sub>2</sub> eq.*4	Tons	33,4	39,25	45,1	45,1	45,1	45,1	45,1

\*1 Nominal cooling conditions: Indoor: 27°C DB / 19°C WB. Outdoor 35°C DB. Piping length 7.5 m, vertical difference 0 m.

\*2 Nominal heating conditions: Indoor 20°C DB. Outdoor 7°C DB / 6°C WB. Piping length 7.5 m, vertical difference 0 m.

\*3 Values measured in anechoic chamber (Cooling mode/Heating mode)

\*4 GWP value of HFC R410A 2088 according to 517 / 2014.

The SEER and SCOP data are based on the EN14825 measurement standard