

Fan coils

COVER for YARDY

Cooling capacity 1,8÷4,8 kW

Heating capacity 2,3÷5,8 kW



Features

air'suite

Concealed fan coil installation

Wall-flush aesthetic cover panel in white RAL 9003

Recessed wall or false ceiling installation

Tax incentives*



Installation solutions with formwork and covering panels on the wall or on the ceiling

Yardy EV3 and Yardy-I EV3 - Versions

- IVP - Recessed vertical unit equipped with lower air inlet and upper delivery for wall mounting installation.
- IXP - Horizontal/vertical unit equipped with lower air inlet and upper delivery for false ceiling or recessed wall installation.

Yardy-ID2 and YardyDUCT2 - Version

- CXP - Ducted recessed unit for horizontal or vertical installation (with lower return and upper delivery).

Models

Yardy-I EV3: 20, 24, 30, 34, 45, 48

Yardy EV3: 20, 24, 25, 30, 34, 40, 45, 48

Yardy-ID2: 40, 48

YardyDUCT2: 40, 48

Construction set-ups

Type of unit

2T - Single main coil.

4T - Double main coil and additional.

ACCESSORIES for Yardy COVER

- Formwork for recessed wall or false ceiling installation
- Aesthetic panel for wall mounted formwork, colour matt white RAL 9003, with air delivery and return grille

for wall mounting installation (IVP and IXP version only).

→ Aesthetic panel for formwork, colour matt white RAL 9003, with air inlet grille for wall mounting or ceiling installation

→ Delivery nozzle made of aluminium, with a double row of adjustable fins

CONTROLS for Yardy COVER

STANDARD controls

For wall mounting installation

- Panel with speed and summer/winter switch.
- Panel with room thermostat, summer/winter switch, speed switch, ON/OFF valve control and electrical resistance.
- Minimum temperature thermostat (for installation on machine).
- Electronic panel with automatic summer/winter switching for 2-pipe systems.
- Electronic panel with automatic summer/winter switching and automatic speed adjustment for 2-pipe systems with electrical resistance or 4-pipe systems.
- Electronic panel with display and RS485 serial interface, semi-recessed in wall.

Advanced LIT-TOUCH controls

- Flush LIT-Touch control panel in glossy black or pearl white for wall mounting installation.
- Wall mounted LIT-Touch remote control and receiver

with air temperature probe and operation LED.

For on board installation

- ❖ LIT-Touch electronic control for 2-pipe systems, with 2 pipes with electrical resistance or 4 pipes, complete with minimum water temperature probe, ON/OFF valve control and integrated master/slave function up to a total of 15 units.
- ❖ Additional board with 2 digital outputs that can be configured.
- ❖ On board air temperature probe.
- ❖ RS485 serial board for serial communication with other devices (Modbus RTU protocol).

Technical data

YARDY-I EV3 IVP-IXP				20	24	30	34	45	48				
❶ Total cooling capacity [EN1397]	MAX	kW	E	1,86	2,24	2,97	3,37	4,11	4,6				
	MED	kW	E	1,44	1,68	2,33	2,75	3,05	3,49				
	MIN	kW	E	0,75	0,8	1,08	1,34	1,53	1,73				
❷ Heating capacity (45°C) [EN1397]	MAX	kW	E	2,1	2,18	3,27	3,41	4,47	4,65				
	MED	kW	E	1,48	1,57	2,52	2,6	3,13	3,27				
	MIN	kW	E	0,77	0,81	1,2	1,26	1,5	1,57				
❸ Heating capacity (50°C)	MAX	kW	E	2,47	2,6	3,87	4,07	5,3	5,54				
	MED	kW	E	1,77	1,88	2,99	3,14	3,74	3,93				
	MIN	kW	E	0,92	0,97	1,42	1,52	1,81	1,9				
❹ Heating capacity (70°C) [EN1397]	MAX	kW		4,2	4,36	6,56	6,85	8,96	9,31				
	MED	kW		2,98	3,14	5,06	5,26	6,28	6,56				
	MIN	kW		1,56	1,64	2,44	2,56	3,06	3,19				
❺ Heating capacity of additional coil (65°C) [EN1397]	MAX	kW	E	1,95	2,08	2,94	2,8	3,36	3,2				
	MED	kW	E	1,66	1,6	2,34	2,22	2,84	2,7				
	MIN	kW	E	0,87	0,83	1,3	1,23	1,53	1,46				
❻ Heating capacity of additional coil (70°C) [EN1397]	MAX	kW	E	2,21	2,36	3,33	3,17	3,83	3,64				
	MED	kW	E	1,92	1,84	2,65	2,52	3,3	3,15				
	MIN	kW	E	1,01	0,96	1,48	1,41	1,79	1,7				
Air flow speed	MAX	m³/h		331	331	523	523	645	645				
	MED	m³/h		230	230	400	400	450	450				
	MIN	m³/h		97	97	167	167	198	198				
Sound power	MAX	dB(A)	E	48	48	50	50	51	51				
	MED	dB(A)	E	40	40	43	43	42	42				
	MIN	dB(A)	E	29	29	29	29	29	29				
❷ Sound pressure	MAX	dB(A)		39	39	41	41	42	42				
	MED	dB(A)		31	31	34	34	33	33				
	MIN	dB(A)		20	20	20	20	20	20				
Absorbed power	MAX	W	E	23	25	26	28	39	42				
	MED	W	E	13	14	15	16	14	15				
	MIN	W	E	6	6	6	6	7	8				
Electrical supply	V-ph-Hz			230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50				
DIMENSIONS AND WEIGHT				20	24	30	34	45	48				
L – IVP-IXP Width		mm		550	550	750	750	950	950				
H – IVP-IXP Height		mm		545	545	545	545	545	545				
P – IVP-IXP Depth		mm		212	212	212	212	212	212				
IVP-IXP Weight		kg		16,5	17	20,5	21,5	25,5	27				
COVER for Yardy-I				20	24	30	34	45	48				
KCASE formwork	WxHxD	mm		920x790x225	920x790x225	1125x790x225	1125x790x225	1325x790x225	1325x790x225				
KCASE formwork	Weight	kg		13	13	15	15	17	17				
KPVCASE – KPXCASE panel	WxHxD	mm		975x820x10	975x820x10	1175x820x10	1175x820x10	1375x820x10	1375x820x10				
KPVCASE – KPXCASE panel	Weight	kg		9	9	10	10	11	11				
KGMD delivery nozzle	WxHxD	mm		555x205x6	555x205x6	755x205x6	755x205x6	955x205x6	955x205x6				
YARDY EV3 IVP-IXP				20		24		25		30			
❶ Total cooling capacity [EN1397]	VI	kW		1,98		2,2		•E	2,5		•E	3,21	
	V	kW		1,76		•E	2,1		2,24		2,8	•E	
	IV	kW		1,54			1,87		•E	2,02		•E	
	III	kW		1,37		•E	1,68			1,69		•E	
	II	kW		1,18			1,45		•E	1,62		•E	
	I	kW		1,13		•E	1,35			1,38		•E	
❷ Heating capacity (45°C) [EN1397]	VI	kW		2,26			2,36		•E	2,97		•E	3,59
	V	kW		1,97		•E	2,04			2,68		3,29	•E
	IV	kW		1,62			1,73		•E	2,3		•E	2,85
	III	kW		1,47		•E	1,52			1,94		•E	2,66
	II	kW		1,26			1,44		•E	1,85		•E	2,26
		kW											

	I	kW	1,24	•E	1,27	1,57	2,02	•E
Ⓢ Heating capacity (50°C)	VI	kW	2,65		2,78	•E 3,47	•E 4,21	
	V	kW	2,31	•E	2,43	3,14	3,85	•E
	IV	kW	1,91		2,06	•E 2,71	•E 3,36	
	III	kW	1,74	•E	1,83	2,28	3,14	•E
	II	kW	1,49		1,72	•E 2,18	•E 2,67	
	I	kW	1,46	•E	1,53	1,84	2,37	•E
Ⓢ Heating capacity (70°C) [EN1397]	VI	kW	4,52		4,71	• 5,94	• 7,17	
	V	kW	3,93	•	4,08	5,37	6,58	•
	IV	kW	3,23		3,45	• 4,61	• 5,71	
	III	kW	2,95	•	3,06	3,88	5,32	•
	II	kW	2,54		2,89	• 3,71	• 4,53	
	I	kW	2,5	•	2,57	3,15	4,06	•
Heating capacity of Ⓢ additional coil (65°C) [EN1397]	VI	kW	2,09		1,78	•E 2,7	•E 3,2	
	V	kW	1,92	•E	1,69	2,61	2,69	•E
	IV	kW	1,81		1,46	•E 2,28	•E 2,61	
	III	kW	1,51	•E	1,33	2	2,28	•E
	II	kW	1,4		1,2	•E 1,84	•E 2,15	
	I	kW	1,29	•E	1,16	1,69	1,93	•E
Heating capacity of Ⓢ additional coil (70°C) [EN1397]	VI	kW	2,37		2,01	•E 3,06	•E 3,62	
	V	kW	2,2	•E	1,93	2,95	3,04	•E
	IV	kW	2,09		1,7	•E 2,59	•E 2,95	
	III	kW	1,75	•E	1,56	2,27	2,58	•E
	II	kW	1,63		1,4	•E 2,12	•E 2,43	
	I	kW	1,5	•E	1,34	1,92	2,19	•E
Air flow speed	VI	m³/h	339		339	• 484	• 547	
	V	m³/h	288	•	288	405	483	•
	IV	m³/h	238		238	• 339	• 434	
	III	m³/h	207	•	207	281	383	•
	II	m³/h	177		177	• 252	• 329	
	I	m³/h	155	•	155	217	281	•
Sound power	VI	dB(A)	48		48	•E 48	•E 50	
	V	dB(A)	44	•E	44	42	46	•E
	IV	dB(A)	41		40	•E 38	•E 43	
	III	dB(A)	38	•E	35	33	40	•E
	II	dB(A)	34		32	•E 30	•E 36	
	I	dB(A)	30	•E	31	26	35	•E
Ⓢ Sound pressure	VI	dB(A)	39		39	• 39	• 41	
	V	dB(A)	35	•	35	33	37	•
	IV	dB(A)	32		31	• 29	• 34	
	III	dB(A)	29	•	26	24	31	•
	II	dB(A)	25		23	• 21	• 27	
	I	dB(A)	21	•	22	17	26	•
Absorbed power	VI	W	40		41	•E 56	•E 60	
	V	W	36	•E	32	42	54	•E
	IV	W	25		25	•E 32	•E 36	
	III	W	23	•E	21	27	31	•E
	II	W	17		16	•E 21	•E 27	
	I	W	15	•E	14	20	25	•E
Electrical supply	V-ph-Hz		230-1-50		230-1-50	230-1-50	230-1-50	
DIMENSIONS AND WEIGHT			20		24	25	30	
L – IVP-IXP Width	mm		550		550	750	750	
H – IVP-IXP Height	mm		545		545	545	545	
P – IVP-IXP Depth	mm		212		212	212	212	
IVP-IXP Weight	kg		16,5		17	20,5	20,5	
COVER for Yardy			20		24	25	30	
KCASE formwork	WxHxD	mm	920x790x225		920x790x225	1125x790x225	1125x790x225	
KCASE formwork	Weight	kg	13		13	15	15	
KPVCASE – KPXCASE panel	WxHxD	mm	975x820x10		975x820x10	1175x820x10	1175x820x10	
KPVCASE – KPXCASE panel	Weight	kg	9		9	10	10	
KGMD delivery nozzle	WxHxD	mm	555x205x6		555x205x6	755x205x6	755x205x6	

YARDY-I EV3 IVP-IXP									
❶ Total cooling capacity [EN1397]	MAX	kW	E						
	MED	kW	E						
	MIN	kW	E						
❷ Heating capacity (45°C) [EN1397]	MAX	kW	E						
	MED	kW	E						
	MIN	kW	E						
❸ Heating capacity (50°C)	MAX	kW	E						
	MED	kW	E						
	MIN	kW	E						
❹ Heating capacity (70°C) [EN1397]	MAX	kW							
	MED	kW							
	MIN	kW							
❺ Heating capacity of additional coil (65°C) [EN1397]	MAX	kW	E						
	MED	kW	E						
	MIN	kW	E						
❻ Heating capacity of additional coil (70°C) [EN1397]	MAX	kW	E						
	MED	kW	E						
	MIN	kW	E						
Air flow speed	MAX	m³/h							
	MED	m³/h							
	MIN	m³/h							
Sound power	MAX	dB(A)	E						
	MED	dB(A)	E						
	MIN	dB(A)	E						
❼ Sound pressure	MAX	dB(A)							
	MED	dB(A)							
	MIN	dB(A)							
Absorbed power	MAX	W	E						
	MED	W	E						
	MIN	W	E						
Electrical supply		V-ph-Hz							
DIMENSIONS AND WEIGHT									
L – IVP-IXP Width		mm							
H – IVP-IXP Height		mm							
P – IVP-IXP Depth		mm							
IVP-IXP Weight		kg							
COVER for Yardy-I									
KCASE formwork	WxHxD	mm							
KCASE formwork	Weight	kg							
KPVCASE – KPXCASE panel	WxHxD	mm							
KPVCASE – KPXCASE panel	Weight	kg							
KGMD delivery nozzle	WxHxD	mm							
YARDY EV3 IVP-IXP			34	40	45	48			
❶ Total cooling capacity [EN1397]	VI	kW	3,28	•E	3,72	4,26	•E	4,76	•E
	V	kW	3,05		3,36	•E	3,84	4,46	
	IV	kW	2,81	•E	2,84		3,31	•E	3,57
	III	kW	2,55		2,63	•E	2,99		3,35
	II	kW	2,25	•E	2,47		2,81		3,11
❷ Heating capacity (45°C) [EN1397]	I	kW	1,98		2,06	•E	2,49	•E	2,85
	VI	kW	3,77	•E	4,37		4,68	•E	4,89
	V	kW	3,45		3,79	•E	4,27		4,45
	IV	kW	2,98	•E	3,22		3,47	•E	3,64
	III	kW	2,79		2,98	•E	3,21		3,34
❸ Heating capacity (50°C)	II	kW	2,35	•E	2,77		2,81		2,93
	I	kW	2,2		2,52	•E	2,59	•E	2,69
	VI	kW	4,42	•E	5,11		5,51	•E	5,79
	V	kW	4,04		4,45	•E	5,03		5,28
	IV	kW	3,53	•E	3,79		4,11	•E	4,32
❹ Heating capacity (70°C) [EN1397]	III	kW	3,3		3,5	•E	3,79		3,98
	II	kW	2,8	•E	3,26		3,35		3,52
	I	kW	2,59		2,93	•E	3,08	•E	3,23
	VI	kW	7,54	•	8,75		9,34	•	9,77
									•

	V	kW	6,88	7,59	•	8,53	8,88	
	IV	kW	5,97	•	6,46	6,93	•	7,27
	III	kW	5,61	•	5,96	•	6,4	6,69
	II	kW	4,76	•	5,57	5,63	5,89	
	I	kW	4,44	•	5,05	•	5,19	•
⑤ Heating capacity of additional coil (65°C) [EN1397]	VI	kW	3,05	•E	3,68	3,5	•E	3,34
	V	kW	2,56	•E	2,94	3,38	3,22	
	IV	kW	2,48	•E	2,9	2,96	•E	2,82
	III	kW	2,17	•E	2,81	2,79	2,65	
	II	kW	2,04	•E	2,76	2,74	2,6	
	I	kW	1,83	•E	2,62	2,21	•E	2,15
④ Heating capacity of additional coil (70°C) [EN1397]	VI	kW	3,45	•E	4,18	3,98	•E	3,79
	V	kW	2,9	•E	3,46	3,84	3,66	
	IV	kW	2,8	•E	3,36	3,46	•E	3,27
	III	kW	2,46	•E	3,33	3,25	3,07	
	II	kW	2,31	•E	3,26	3,2	3,02	
	I	kW	2,06	•E	3,07	2,59	•E	2,53
Air flow speed	VI	m³/h	547	•	676	681	•	681
	V	m³/h	483	•	587	627	627	
	IV	m³/h	434	•	472	474	•	474
	III	m³/h	383	•	419	431	431	
	II	m³/h	321	•	390	392	392	
	I	m³/h	281	•	365	338	•	338
Sound power	VI	dB(A)	50	•E	51	52	•E	52
	V	dB(A)	47	•E	48	50	50	
	IV	dB(A)	43	•E	43	43	•E	43
	III	dB(A)	40	•E	40	41	41	
	II	dB(A)	36	•E	38	38	38	
	I	dB(A)	34	•E	35	35	•E	35
⑥ Sound pressure	VI	dB(A)	41	•	42	43	•	43
	V	dB(A)	38	•	39	41	41	
	IV	dB(A)	34	•	34	34	•	34
	III	dB(A)	31	•	31	32	32	
	II	dB(A)	27	•	29	29	29	
	I	dB(A)	25	•	26	26	•	26
Absorbed power	VI	W	65	•E	72	70	•E	76
	V	W	58	•E	58	61	66	
	IV	W	39	•E	42	41	•E	44
	III	W	33	•E	34	36	39	
	II	W	27	•E	33	31	33	
	I	W	25	•E	28	28	•E	30
Electrical supply	V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	
DIMENSIONS AND WEIGHT			34	40	45	48		
L – IVP-IXP Width	mm		750	950	950	950		
H – IVP-IXP Height	mm		545	545	545	545		
P – IVP-IXP Depth	mm		212	212	212	212		
IVP-IXP Weight	kg		21,5	24	25,5	27		
COVER for Yardy			34	40	45	48		
KCASE formwork	WxHxD	mm	1125x790x225	1325x790x225	1325x790x225	1325x790x225		
KCASE formwork	Weight	kg	15	17	17	17		
KPVCASE – KPXCASE panel	WxHxD	mm	1175x820x10	1375x820x10	1375x820x10	1375x820x10		
KPVCASE – KPXCASE panel	Weight	kg	10	11	11	11		
KGMD delivery nozzle	WxHxD	mm	755x205x6	955x205x6	955x205x6	955x205x6		

Data at the following conditions:

- ① Air: 27°C D.B.; 19°C W.B. – Water: 7/12°C.
 - ② Air: 20°C – Water: 45/40°C.
 - ③ Air: 20°C – Water: 50°C, flow rate as in cooling.
 - ④ Air: 20°C – Water: 70/60°C.
 - ⑤ Air: 20°C – Water: 65/55°C.
 - ⑥ For room volume equal to 100 m³ and reverberation time = 0.5 sec.
 - E Eurovent certified performance.
- Performance refers to the motor's input signal: 10V – 6V – 1V at MAX – MED – MIN speed.
YARDY-I EV3 24 – 34 – 48 – 74 – 88 with oversized 4-row coil.
- Data at the following conditions:

- ❶ Air: 27°C D.B.; 19°C W.B. – Water: 7/12°C.
- ❷ Air: 20°C – Water: 45/40°C.
- ❸ Air: 20°C – Water: 50°C, flow rate as in cooling.
- ❹ Air: 20°C – Water: 70/60°C.
- ❺ Air: 20°C – Water: 65/55°C.
- ❻ For room volume equal to 100 m³ and reverberation time = 0.5 sec.
 - Wired speed in terminal block.
- E Eurovent certified performance.
Yardy EV3 24 – 34 – 48 – 74 – 88 with oversized 4-row coil.
For the selection with AirSuite filter, refer to the UP-TO-DATE selection Software.



RHOSS S.P.A.
Via Oltre Ferrovia, 32
33033 Codroipo (UD) - ITALY
tel. [+39 0432 911611](tel:+390432911611)
rhoss@rhoss.com

rhoss.com

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