



- Enhanced performance with 4-row coil
- Consumption reduced by 50% compared to traditional motor
- Continuous fan speed regulation
- Quieter operation
- Better room comfort

Fan coils with EC motor

YARDY-I EV3

Cooling capacity: 1.9÷8.6 kW - Heating capacity: 2.5÷11.8 kW



INVERTER



Floor and ceiling fan coil units with cabinet for recessed wall or false ceiling installation

Construction features

- Heat exchanger: with finned coil with left-hand connections reversible to right.
- Centrifugal fan with inverter controlled electronic brushless motor and continuous speed regulation.
- Cabinet version structure: covering cabinet in pre-painted sheet steel complete with regenerable filter, ABS polymer grilles and natural condensate drain pan.
- Recessed version structure: in galvanised sheet steel, complete with natural condensate drain pan and regenerable filter.

Versions

- MVP - Vertical unit with cabinet equipped with lower air inlet and upper delivery for wall mounting installation or with feet on ground.
- MVT - Vertical unit with cabinet equipped with front air inlet and upper outlet for floor installation.
- MXP - Horizontal/vertical unit with cabinet, equipped with lower air inlet and upper delivery, for ceiling installation, wall-mounting or with feet on ground.
- MXT - Horizontal/vertical unit with cabinet, equipped with front air inlet and upper delivery, for ceiling or floor installation.
- IVP - Recessed vertical unit equipped with lower air inlet and upper delivery for wall mounting installation.
- IVF - Recessed vertical unit equipped with lower air inlet and front delivery for wall installation.
- IXP - Horizontal/vertical unit equipped with lower air inlet and upper delivery for false ceiling or recessed wall installation.

Accessories

- Additional water heating coil.
- Electrical resistance.
- 2 -way ON/OFF electrovalves for 2 and 4-pipe systems.
- 3 -way ON/OFF electrovalves for 2 and 4-pipe systems.
- Auxiliary condensate-drain pan.
- Manual damper.

- Motorised damper.
- Back in view.
- Rear closing panel.
- Rear closing panel with grille and filter.
- Support feet with pipe cover.
- Frame with filter (G2) that can be extracted in any direction.
- Delivery straight fitting.
- 90° delivery and inlet fitting.
- Telescopic outlet/inlet fitting.
- Inlet grille with filter.
- Delivery grille.
- Cover panel with grilles (only IXP).
- Flanged frame for connection to duct.
- Anti-vibration fitting for delivery/inlet duct connection.
- Intake/outlet plenum with round nozzles.

STANDARD controls

For wall mounting installation

- Electronic panel with display and RS485 serial interface, semi-recessed in wall.



iDRHOSS Controls

- Wall mounting receiver for remote control.
- Electronic panel for wall mounting or installation on machine.
- Wall-mounted recessed electronic panel

For installation on machine

- Master/slave electronic board, ON/OFF valve control module and electrical resistance, temperature probe for hot row.
- RS485 interface for serial communication with other devices (proprietary protocol; Modbus RTU protocol).
- RS 485/USB serial converter.
- Serial interface (CAN-bus - Controller Area Network) for the iDRHOSS system.
- KGTW-BAC- Gateway RS485/BACnet (max 64 fan coil).
- KGW-LON - Gateway RS485/FTT10-LonWorks (max 64 fan coil).

- Key: ♦ Factory fitted
 → Supplied separately



YARDY-I EV3 MVP-MVT-MXP-MXT-IVP-IVF-IXP			20	24	30	34	45	48	60	74	80	88
❶ Total cooling capacity	MAX	kW	1,88	2,25	3	3,4	4,15	4,64	6,37	7,41	8,08	8,55
	MED	kW	1,45	1,69	2,33	2,77	3,06	3,49	4,62	5,27	5,92	6,38
	MIN	kW	0,75	0,81	1,09	1,35	1,54	1,74	1,79	2,11	2,11	2,26
❶ Total cooling capacity [EN1397]	MAX	kW E	1,86	2,23	2,97	3,37	4,11	4,6	6,28	7,32	7,94	8,4
	MED	kW E	1,44	1,68	2,32	2,75	3,05	3,48	4,59	5,24	5,87	6,32
	MIN	kW E	0,74	0,8	1,08	1,34	1,53	1,73	1,78	2,1	2,1	2,25
❷ Heating capacity (45°C) [EN1397]	MAX	kW E	2,09	2,18	3,27	3,41	4,46	4,65	7,13	7,41	9,67	10,07
	MED	kW E	1,48	1,56	2,52	2,6	3,13	3,27	5,13	5,31	7,15	7,43
	MIN	kW E	0,77	0,81	1,2	1,23	1,51	1,57	1,88	1,94	2,63	2,74
❸ Heating capacity (50°C)	MAX	kW	2,47	2,59	3,87	4,06	5,28	5,54	8,38	8,8	11,29	11,77
	MED	kW	1,77	1,88	2,99	3,14	3,74	3,93	6,07	6,37	8,39	8,75
	MIN	kW	0,91	0,96	1,42	1,49	1,81	1,9	2,24	2,35	3,07	3,22
❹ Heating capacity (70°C) [EN1397]	MAX	kW	4,2	4,35	6,56	6,83	8,92	9,31	14,28	14,85	19,36	20,15
	MED	kW	2,98	3,14	5,06	5,26	6,28	6,56	10,3	10,77	14,35	14,91
	MIN	kW	1,55	1,62	2,44	2,51	3,06	3,19	3,85	3,96	5,37	5,6
❺ Heating capacity of additional coil (65°C) [EN1397]	MAX	kW E	1,95	2,07	2,94	2,8	3,37	3,2	5,63	5,37	6,51	6,16
	MED	kW E	1,66	1,57	2,34	2,23	2,84	2,71	4,68	4,45	5,4	5,14
	MIN	kW E	0,88	0,83	1,29	1,23	1,54	1,46	2,17	2,06	2,52	2,4
❻ Heating capacity of additional coil (70°C)	MAX	kW	2,19	2,33	3,3	3,14	3,79	3,6	6,29	5,98	7,23	6,83
	MED	kW	1,91	1,81	2,63	2,5	3,29	3,13	5,27	5,01	6,07	5,77
	MIN	kW	1	0,95	1,47	1,4	1,78	1,69	2,49	2,37	2,89	2,75
Air flow speed	MAX	m³/h	331	331	523	523	645	645	1235	1235	1503	1458
	MED	m³/h	230	230	400	400	450	450	780	780	965	965
	MIN	m³/h	97	97	167	167	198	198	256	256	300	300
Sound power	MAX	dB(A) E	48	48	50	50	51	51	62	62	66	66
	MED	dB(A) E	40	40	43	43	42	42	50	50	56	56
	MIN	dB(A) E	23	23	24	24	25	25	27	27	32	32
❷ Sound pressure	MAX	dB(A)	39	39	41	41	42	42	53	53	57	57
	MED	dB(A)	31	31	34	34	33	33	41	41	47	47
	MIN	dB(A)	14	14	15	15	16	16	18	18	23	23
Absorbed power	MAX	W E	23	25	26	28	39	42	89	95	136	146
	MED	W E	13	14	15	16	14	15	28	30	52	56
	MIN	W E	6	6	6	6	7	8	7	9	10	
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHTS			20	24	30	34	45	48	60	74	80	88
L - MXP-MXT-MVP-MVT width	mm	800	800	1000	1000	1200	1200	1500	1500	1500	1500	1500
L - IVP-IXP-IVF width	mm	550	550	750	750	950	950	1250	1250	1250	1250	1250
H - MXP-MXT-MVP-MVT height	mm	570	570	570	570	570	570	570	570	570	570	570
H - IVP-IXP-IVF height	mm	545	545	545	545	545	545	545	545	545	545	545
MVP-MVT-MXP-MXT Feet height	mm	100	100	100	100	100	100	100	100	100	100	100
P - MXP-MXT-MVP-MVT Depth	mm	220	220	220	220	220	220	220	220	220	220	220
P - IVP-IXP-IVF Depth	mm	212	212	212	212	212	212	212	212	212	212	212
MXP-MXT-MVP-MVT Weight	kg	20	20,5	21	22	28	29	35	36	37	38	38
IVP-IXP-IVF Weight	kg	16,5	17	20,5	21,5	25,5	27	34,5	35,5	36,5	37,5	37,5

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.

E Eurovent certified performance.

MAX, MED, MIN speed with 10 Vdc, 6 Vdc, 1 Vdc input.

YARDY-I EV3 24 - 34 - 48 - 74 - 88 with oversized 4-row coil.

MXP per installazione orizzontale



MXT per installazione orizzontale

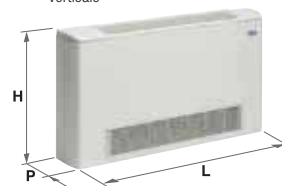


MVP-MXP per installazione verticale



MVP-MXP+ piedini

MVT-MXT per installazione verticale



IXP per installazione orizzontale



IVP-IXP per installazione verticale



IVF per installazione verticale



Fan coils

YARDY EV3

Cooling capacity: 1.1÷8.5 kW - Heating capacity: 1.6÷11.7 kW



- Enhanced performance with 4-row coil
- Acoustic comfort
- 6-speed fan
- Installation flexibility
- Pre-fitted accessories and controls

Floor and ceiling fan coil units with cabinet for recessed wall or false ceiling installation

Construction features

- Heat exchanger: with finned coil with left-hand connections reversible to right.
- Centrifugal fan: 6 speeds, 3 of which are connected to the terminal block.
- Cabinet version structure: covering cabinet in pre-painted sheet steel complete with regenerable filter, ABS polymer grilles and natural condensate drain pan.
- Recessed version structure: in galvanised sheet steel, complete with natural condensate drain pan and regenerable filter.

Versions

- MVP - Vertical unit with cabinet equipped with lower air return and upper delivery for wall mounting installation or with feet on ground.
- MVT - Vertical unit with cabinet equipped with front air inlet and upper delivery for floor installation.
- MXP - Horizontal/vertical unit with cabinet equipped with lower air inlet and upper delivery for ceiling installation, wall-mounting or with feet on ground.
- MXT - Horizontal/vertical unit with cabinet, equipped with front air return and upper delivery, for ceiling or floor installation.
- IVP - Recessed vertical unit equipped with lower air return and upper delivery for wall mounting installation.
- IVF - Recessed vertical unit equipped with lower air inlet and front delivery for wall installation.
- IXP - Horizontal/vertical unit equipped with lower air inlet and upper delivery for false ceiling or recessed wall installation.





YARDY EV3 MVP-MVT-MXP-MXT-IVP-IVF-IXP		15	20	24	25	30	34	40	45	48	55	58	60	74	80	88
DIMENSIONS AND WEIGHTS																
L - MXP-MXT-MVP-MVT width	mm	700	800	800	1000	1000	1000	1200	1200	1200	1500	1500	1500	1500	1500	1500
L - IVP-IXP-IVF width	mm	450	550	550	750	750	750	950	950	950	1250	1250	1250	1250	1250	1250
H - MXP-MXT-MVP-MVT height	mm	570	570	570	570	570	570	570	570	570	570	570	570	570	570	570
H - IVP-IXP-IVF height	mm	545	545	545	545	545	545	545	545	545	545	545	545	545	545	545
MVP-MVT-MXP-MXT Feet height	mm	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
P - MXP-MXT-MVP-MVT Depth	mm	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
P - IVP-IXP-IVF Depth	mm	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212
MXP-MXT-MVP-MVT Weight	kg	16	20	20,5	20	21	22	27	28	29	35	35	35	36	37	38
IVP-IXP-IVF Weight	kg	14,5	16,5	17	20,5	20,5	21,5	24	25,5	27	34,5	34,5	34,5	35,5	36,5	37,5

Accessories

- ❖ Additional water heating coil.
- ❖ Electrical resistance.
- ❖ 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
- ❖ 3-way ON/OFF electrovalves for 2 and 4-pipe systems.
- ❖ Auxiliary condensate-drain pan.
- Manual damper.
- Motorised damper.
- Back in view.
- Rear closing panel.
- Rear closing panel with grille and filter.
- Support feet with pipe 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 signal 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 regulation for 2-pipe systems with electrical resistance or 4-pipe systems.
- Electronic panel with display and RS485 serial interface, semi-recessed in wall.

For installation on machine (MVP and MVT versions)

- ❖ Panel with speed switch.
- ❖ Panel with room thermostat, summer/winter switch and speed switch.
- ❖ Minimum temperature thermostat.
- ❖ Panel with room thermostat, summer/winter switch, speed switch, ON/OFF valve control and electrical resistance.
- ❖ Electronic panel with automatic summer/winter switching for 2-pipe systems.
- ❖ Electronic panel with automatic summer/winter switching and automatic speed regulation for 2-pipe systems with electrical resistance or 4-pipe systems.
- Interface board to control up to 4 fan coils.

iDRHOSS Controls

- Wall mounting receiver for remote control.
- Electronic panel for wall mounting or installation on machine.
- Wall-mounted recessed electronic panel

For installation on machine

- ❖ Master/slave electronic board.
- ❖ Temperature probe for hot row.
- ❖ Module for management of ON/OFF valves and electrical resistance.
- RS485 interface for serial communication with other devices (proprietary protocol; Modbus RTU protocol).
- RS 485/USB serial converter.
- Serial interface (CAN-bus - Controller Area Network) for the iDRHOSS system.
- KGTW-BAC- Gateway RS485/BACnet (max 64 fan coil).
- KGW-LON - Gateway RS485/FTT10-LonWorks (max 64 fan coil).

- Key:
- ❖ Factory fitted
 - Supplied separately

MXP for horizontal installation



MXT for horizontal installation

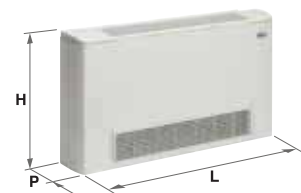


MVP-MXP for vertical installation



MVP-MXP+feet

MVT-MXT for vertical installation



IXP for horizontal installation



IVP-IXP for vertical installation



IVF for vertical installation





Ducted fan coils with EC motor

YARDY-ID2

Cooling capacity: 2.4÷6.4 kW - Heating capacity: 3.0÷8.7 kW

The logo for the inverter feature, consisting of the word "INVERTER" in a bold, blue, sans-serif font. To the left of the text is a stylized graphic of three overlapping, concentric, curved lines in shades of blue and orange, resembling a fan or a signal wave.

- Consumption reduced by 50% compared to traditional motor
- Continuous fan speed regulation
- Quieter operation
- Better room comfort

Ducted fan coils for recessed horizontal or vertical installation.

Construction features

- Heat exchanger: with finned coil with left-hand connections reversible to right.
- Centrifugal fan: with inverter controlled electronic brushless motor and continuous speed regulation.
- Structure: made of galvanised sheet steel complete with natural condensate drain pan and regenerable filter.
- Standard or enhanced configuration setting by means of KCM electronic board digital input.

Versions

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

Accessories

- Additional water heating coil.
- Electrical resistance.
- Valve and lock.
- 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
- 3-way ON/OFF electrovalves for 2 and 4-pipe systems.
- Auxiliary condensate drain pan.
- ☒ Motorised damper.
- Frame with filter (G2) that can be extracted in any direction.
- Delivery straight fitting.
- 90° delivery and inlet fitting.
- Telescopic outlet/inlet fitting.
- Inlet grille with filter.
- Delivery grille.
- Flanged frame for connection to duct.
- Anti-vibration fitting for delivery/inlet duct connection.
- Intake/outlet plenum with round nozzles.

STANDARD controls

For wall mounting installation

- Electronic panel with display and RS485 serial interface, semi-recessed in wall.



iDRHOSS Controls

- Wall mounting receiver for remote control.
- Electronic panel for wall mounting installation.
- Wall-mounted recessed electronic panel

For installation on machine

- Master/slave electronic board, ON/OFF valve control module and electrical resistance, temperature probe for hot row.
- RS485 interface for serial communication with other devices (proprietary protocol; Modbus RTU protocol).
- RS 485/USB serial converter.
- Serial interface (CAN-bus - Controller Area Network) for the iDRHOSS system.
- KGTW-BAC- Gateway RS485/BACnet (max 64 fan coil).
- KGW-LON - Gateway RS485/FTT10-LonWorks (max 64 fan coil).

- Key:
- ◆ Factory fitted
 - Supplied separately



YARDY-ID2 CXP		40		48		60		74		80		88		
Configuration (*)		STANDARD	ENHANCED	STANDARD	ENHANCED	STANDARD	ENHANCED	STANDARD	ENHANCED	STANDARD	ENHANCED	STANDARD	ENHANCED	
1	Total cooling capacity	MAX kW	2,42	3,08	2,65	3,35	3,37	4,22	3,9	4,68	4,75	6,02	5,1	6,4
		MED kW	2,05	2,76	2,28	3,01	3,09	3,58	3,57	4,5	3,84	5,42	4,3	5,8
		MIN kW	1,2	1,2	1,29	1,29	1,59	1,59	1,73	1,73	2,04	2,04	2,3	2,3
1	Total cooling capacity [EN1397]	MAX kW	2,36	3,01	E 2,58	3,28	E 3,29	4,12	E 3,81	4,58	E 4,65	5,88	E 5	6,26
		MED kW	2,01	2,7	E 2,24	2,95	E 3,03	3,5	E 3,5	4,42	E 3,79	5,32	E 4,25	5,7
		MIN kW	1,19	1,19	E 1,28	1,28	E 1,58	1,58	E 1,72	1,72	E 2,03	2,03	E 2,29	2,29
2	Heating capacity (45°C) [EN1397]	MAX kW	2,57	3,29	E 2,6	3,34	E 3,84	4,73	E 3,83	4,77	E 5,66	7,37	E 5,75	7,48
		MED kW	2,16	2,93	E 2,17	2,97	E 3,47	4,53	E 3,46	4,48	E 4,62	6,6	E 4,65	6,71
		MIN kW	1,16	1,16	E 1,18	1,18	E 1,58	1,58	E 1,61	1,61	E 2,49	2,49	E 2,5	2,5
3	Heating capacity (50°C)	MAX kW	3	3,86	3,06	3,94	4,46	5,52	4,55	5,63	6,58	8,55	6,71	8,72
		MED kW	2,54	3,44	2,59	3,51	4,05	5,23	4,13	5,33	5,39	7,69	5,5	7,84
		MIN kW	1,39	1,39	1,42	1,42	1,9	1,9	1,94	1,94	2,92	2,92	2,98	2,98
4	Heating capacity (70°C) [EN1397]	MAX kW	5,1	6,56	5,19	6,65	7,72	9,44	7,81	9,62	11,3	14,72	11,54	14,93
		MED kW	4,31	5,84	4,38	5,92	7,02	9,04	7,07	9,1	9,3	13,21	9,47	13,42
		MIN kW	2,35	2,35	2,39	2,39	3,24	3,24	3,27	3,27	5,1	5,1	5,13	5,13
5	Heating capacity of additional coil (65°C) [EN1397]	MAX kW	2,29	2,76	E 2,18	2,62	E 3,57	4,16	E 3,39	4,32	E 4,55	5,71	E 4,33	5,43
		MED kW	2,01	2,52	E 1,92	2,4	E 3,3	3,99	E 3,15	3,7	E 3,89	5,11	E 3,69	5,03
		MIN kW	1,28	1,28	E 1,22	1,22	E 1,91	1,91	E 1,91	1,91	E 2,42	2,42	E 2,3	2,3
4	Heating capacity of additional coil (70°C)	MAX kW	2,59	3,12	2,46	2,96	3,94	4,61	3,74	4,78	5,04	6,32	4,79	6
		MED kW	2,3	2,86	2,19	2,72	3,67	4,43	3,49	4,10	4,35	5,68	4,13	5,59
		MIN kW	1,47	1,47	1,4	1,4	2,2	2,2	2,19	2,19	2,78	2,78	2,64	2,64
6	Available static Air flow rate / Pressure	MAX m³/h / Pa	350 / 70	469 / 64	E 350 / 70	469 / 64	E 573 / 61	737 / 56	E 573 / 61	737 / 56	E 767 / 76	1010 / 65	E 738 / 74	949 / 64
		MED m³/h / Pa	291 / 50	410 / 50	E 291 / 50	410 / 50	E 512 / 50	691 / 50	E 512 / 50	691 / 50	E 606 / 50	866 / 50	E 594 / 50	831 / 50
		MIN m³/h / Pa	150 / 8	150 / 8	E 150 / 8	150 / 8	E 214 / 6	214 / 6	E 214 / 6	214 / 6	E 284 / 7	284 / 7	E 284 / 7	284 / 7
6	Delivery sound power	MAX dB(A)	51	56	E 51	56	E 55	57	E 55	57	E 57	58	E 57	58
		MED dB(A)	48	52	E 47	52	E 52	56	E 52	56	E 56	57	E 56	57
		MIN dB(A)	30	30	E 30	30	E 30	30	E 30	30	E 30	30	E 30	30
7	Delivery sound pressure	MAX dB(A)	42	47	42	47	46	48	46	48	48	49	48	49
		MED dB(A)	39	43	38	43	43	47	43	47	47	48	47	48
		MIN dB(A)	21	21	21	21	21	21	21	21	21	21	21	21
Absorbed power	MAX W	65	69	E 67	72	E 85	100	E 89	105	E 105	140	E 105	140	
		MED W	38	60	E 38	63	E 65	80	E 68	84	E 75	100	E 75	100
		MIN W	8	8	E 8	8	E 8	8	E 8	8	E 13	13	E 13	13
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 WEIGHTS		40		48		60		74		80		88		
L - Width	mm	950		950		1250		1250		1250		1250		
H - Height	mm	545		545		545		545		545		545		
P - Depth	mm	212		212		212		212		212		212		
Weight	kg	25,5		26,5		34,5		35,5		36,5		37,5		

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 According to EN16583
- 7 For room volume equal to 100 m³ and reverberation time = 0.5 sec.

E Eurovent certified performance.

(*) Performance refers to the following configurations: STANDARD: 2/6.5/8 Vdc outlet at min/med/max speed; ENHANCED: 2/7/10 Vdc outlet at min/med/max speed.

Yardy ID2 48 - 74 - 88 with oversized 4-row coil.



YARDY-ID2 for horizontal and vertical installation



Ducted fan coils

YARDY-DUCT2

Cooling capacity: 2.0÷5.8 kW - Heating capacity: 2.4÷7.2 kW



- Enhanced performance with 4-row coil
- Six-speed ductable version
- Vertical and horizontal installation
- Remote control

Ducted fan coils for recessed horizontal or vertical installation.

Construction features

- Heat exchanger: with finned coil with left-hand connections reversible to right.
- Centrifugal fan: 6 speeds connected to the terminal block.
- Structure: made of galvanised sheet steel complete with natural condensate drain pan and regenerable filter.

Versions

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

Accessories

- Additional water heating coil.
- Electrical resistance.
- 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
- 3-way ON/OFF electrovalves for 2 and 4-pipe systems.
- Auxiliary condensate drain pan.
- Motorised damper.
- Frame with filter (G2) that can be extracted in any direction.
- Delivery straight fitting.
- 90° delivery and inlet fitting.
- Telescopic outlet/inlet fitting.
- Inlet grille with filter.
- Delivery grille.
- Flanged frame for connection to intake or delivery duct.
- Anti-vibration fitting for delivery/inlet duct connection.
- Intake/outlet plenum with round nozzles.

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 signal 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 regulation for 2-pipe systems with electrical resistance or 4-pipe systems.
- Interface board to control up to 4 fan coils (for on board installation).
- Electronic panel with display and RS485 serial interface, semi-recessed in wall.

iDRHOSS Controls

- Wall mounting receiver for remote control.
- Electronic panel for wall mounting installation.
- Wall-mounted recessed electronic panel



For installation on machine

- Master/slave electronic board.
- Temperature probe for hot row.
- Module for ON/OFF valves and electrical resistance management.
- RS485 interface for serial communication with other devices (proprietary protocol; Modbus RTU protocol).
- RS 485/USB serial converter.
- Serial interface (CAN-bus - Controller Area Network) for the iDRHOSS system.
- KGTW-BAC- Gateway RS485/BACnet (max 64 fan coil).
- KGW-LON - Gateway RS485/FTT10-LonWorks (max 64 fan coil).

- Key:
- ♦ Factory fitted
 - Supplied separately
 - * Previous name



YARDY-DUCT2 CXP		40	48	50	60	74	80	88	
1	Total cooling capacity	VI kW	1,97	2,29	2,68	3,6	4,56	4,98	5,84
		V kW	1,82	2,12	2,47	3,43	4,37	4,74	5,66
		IV kW	1,54	1,73	2,32	3,27	4,09	4,51	5,53
		III kW	1,39	1,61	2	3,1	3,87	4,28	5,31
		II kW	1,27	1,47	1,75	2,73	3,5	4,01	5,04
		I kW	1,1	1,28	1,34	2,49	3,22	3,95	4,89
1	Total cooling capacity [EN1397]	VI kW	1,9E	2,22E	2,59E	3,47E	4,43E	4,83 E	5,69 E
		V kW	1,76E	2,06E	2,39	3,33	4,26	4,61	5,53
		IV kW	1,5	1,69	2,25E	3,18E	4E	4,38 E	5,42 E
		III kW	1,35E	1,57E	1,94	3,01	3,78	4,17	5,2
		II kW	1,24	1,44	1,7E	2,65E	3,42E	3,9 E	4,94 E
		I kW	1,07	1,25	1,3	2,42	3,14	3,86	4,8
2	Heating capacity (45°C) [EN1397]	VI kW	2,07E	2,15E	3E	4,11E	4,17E	5,77 E	6,12 E
		V kW	1,9E	1,96E	2,77	3,92	3,98	5,62	5,8
		IV kW	1,53	1,59	2,6E	3,69E	3,76E	5,51 E	5,74 E
		III kW	1,41E	1,46E	2,16	3,49	3,54	5,3	5,45
		II kW	1,27	1,33	1,89E	3,2E	3,26E	4,78 E	5,11 E
		I kW	1,11	1,16	1,55	2,94	2,98	4,61	5,06
3	Heating capacity (50°C)	VI kW	2,41	2,53	3,47	4,74	4,98	6,68	7,18
		V kW	2,21	2,32	3,21	4,52	4,75	6,51	6,84
		IV kW	1,8	1,89	3,02	4,29	4,5	6,37	6,76
		III kW	1,65	1,73	2,52	4,05	4,25	6,13	6,44
		II kW	1,5	1,58	2,21	3,7	3,89	5,53	6,04
		I kW	1,3	1,37	1,79	3,39	3,56	5,35	5,99
4	Heating capacity (70°C) [EN1397]	VI kW	4,12	4,3	6,01	8,21	8,49	11,48	12,23
		V kW	3,78	3,94	5,58	7,84	8,1	11,20	11,64
		IV kW	3,07	3,2	5,26	7,44	7,67	10,98	11,53
		III kW	2,82	2,93	4,39	7,04	7,24	10,56	10,99
		II kW	2,56	2,67	3,85	6,48	6,65	9,52	10,33
		I kW	2,22	2,32	3,15	5,96	6,08	9,20	10,26
5	Heating capacity of additional coil (65°C) [EN1397]	VI kW	1,97E	1,88E	3,19E	3,78E	3,6E	4,64 E	4,42 E
		V kW	1,84E	1,76E	2,99	3,75	3,58	4,45	4,24
		IV kW	1,7	1,61	2,85E	3,62E	3,45E	4,36 E	4,15 E
		III kW	1,51E	1,43E	2,5	3,52	3,36	4,25	4,05
		II kW	1,41	1,34	2,24E	3,41E	3,25E	4,16 E	3,95 E
		I kW	1,27	1,21	1,89	3,32	3,15	4,04	3,85
4	Heating capacity of additional coil (70°C)	VI kW	2,22	2,11	3,54	4,14	3,93	5,09	4,84
		V kW	2,08	1,98	3,34	4,12	3,91	4,9	4,66
		IV kW	1,93	1,83	3,2	4	3,8	4,8	4,56
		III kW	1,71	1,62	2,81	3,9	3,71	4,7	4,47
		II kW	1,6	1,52	2,53	3,8	3,61	4,59	4,36
		I kW	1,44	1,37	2,14	3,72	3,53	4,48	4,26
Available static Air flow rate / Pressure	VI m³/h	275 / 56E	275 / 56E	450 / 69E	620 / 66E	620 / 66E	912 / 62 E	862 / 62 E	
	V m³/h	250 / 50E	250 / 50E	411 / 58	587 / 59	587 / 59	858 / 54	828 / 54	
	IV m³/h	198 / 33	198 / 33	382 / 49E	539 / 50E	539 / 50E	820 / 50 E	800 / 50 E	
	III m³/h	180 / 19E	180 / 28E	315 / 36	504 / 44	504 / 44	772 / 45	759 / 45	
	II m³/h	163 / 16	163 / 24	270 / 26E	445 / 34E	445 / 34E	715 / 39 E	708 / 39 E	
	I m³/h	140 / 9	140 / 18	210 / 19	402 / 28	402 / 28	685 / 35	680 / 35	
6	Delivery sound power	VI dB(A)	50E	50E	48E	56E	54E	57 E	57 E
		V dB(A)	48E	48E	46	55	53	55	55
		IV dB(A)	43	43	45E	54E	51E	54 E	54 E
		III dB(A)	42E	42E	42	51	50	53	53
		II dB(A)	38	38	40E	50E	47E	51 E	51 E
		I dB(A)	37	37	38	48	46	50	50
7	Delivery sound pressure	VI dB(A)	41	41	39	47	45	48	48
		V dB(A)	39	39	37	46	44	46	46
		IV dB(A)	34	34	36	45	42	45	45
		III dB(A)	33	33	33	42	41	44	44
		II dB(A)	29	29	31	41	38	42	42
		I dB(A)	28	28	29	39	37	41	41
Absorbed power	VI W	68E	71E	94E	128E	134E	154 E	154 E	
	V W	60E	63E	78	120	126	134	134	
	IV W	41	43	71E	91E	95E	127 E	127 E	
	III W	36E	38E	60	88	93	109	109	
	II W	32	34	49E	84E	89E	105 E	105 E	
	I W	27	28	39	77	80	91	91	
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	
DIMENSIONS AND WEIGHTS		40	48	50	60	74	80	88	
L - Width	mm	950	950	1250	1250	1250	1250	1250	
H - Height	mm	545	545	545	545	545	545	545	
P - Depth	mm	212	212	212	212	212	212	212	
Weight	kg	25,5	27	34,5	34,5	35,5	36,5	37,5	

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 According to EN16583

7 For room volume equal to 100 m³ and reverberation time = 0.5 sec.

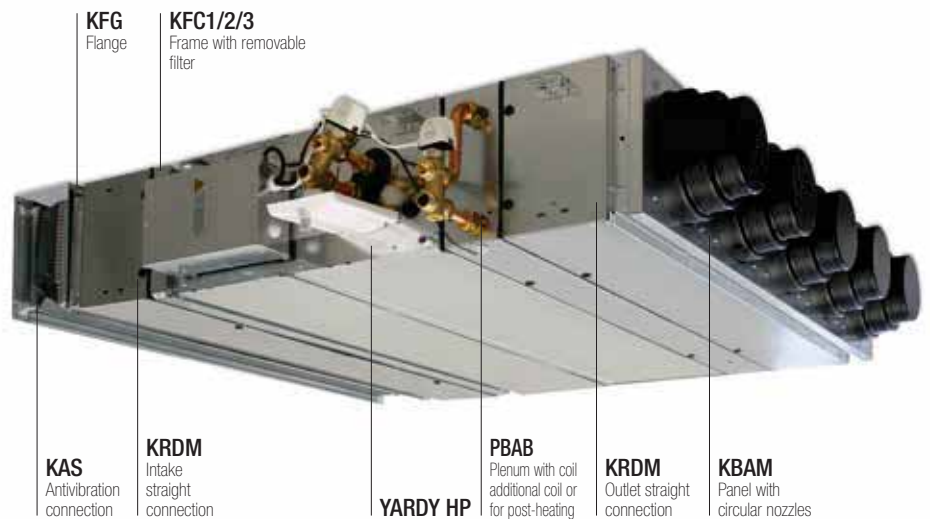
E Eurovent certified performance.

YARDY-DUCT2 48 - 74 - 88 with oversized 4-row coil.

Ductable terminals

YARDY-HP

Cooling capacity: 7.2÷20.5 kW - Heating capacity: 9.6÷28.0 kW



- Horizontal and vertical installation
- New pan removable from below for cleaning
- Set up with 3, 4, 5-row coil
- Filters with different efficiency levels
- Remote control

Ductable terminals for recessed horizontal or vertical installation.

Construction features

- Structure: self-supporting, in galvanised sheet steel for horizontal installation in a false ceiling or vertical recessed wall installation, complete with natural condensate drain pan, flanges to fit to the inlet/delivery duct. Pan is removable from below. Filter supplied separately from the unit.
- Heat exchanger: with finned coil and electrical box for terminal block with reversible left connections, which can be switched right directly on site. Coil is removable from below.
- Double inlet centrifugal fan with directly coupled 3-speed motor. Fan unit is removable from below.

Versions

- CXP - Recessed unit for horizontal or vertical installation (with lower return to upper delivery)

Number of rows

- 3 Rows - Unit with 3-row coil; unit for recessed horizontal/vertical installation.
- 4 Rows - Unit with 4-row coil; unit for recessed horizontal/vertical installation.
- 5 Rows - Unit with 5-row coil (only models 250, 300); unit for recessed horizontal/ vertical installation.

Accessories

- Additional water heating coil (1 row) for 4T-KBAA 4-pipe systems - only for 3R units with a 3-row coil.
- External plenum with additional water heating coil for 4-pipe systems (PBAB).
- ON/OFF 2-way electrovalves for 2 and 4-pipe systems.
- On/OFF 3-way electrovalves for 2 and 4-pipe systems.
- Auxiliary condensate drain pan.
- Frame with filter that can be extracted in any direction (efficiency rating G1/ G2/G3).
- Straight delivery and inlet connection.
- 90° delivery and inlet fitting.
- Flange for connection to duct.
- Anti-vibration connection for connection to the inlet/delivery duct.
- Panel with round nozzles to be connected to the delivery/inlet connections.

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 signal and electrical resistance.
- Electronic panel with automatic summer/winter switching for 2-pipe systems.
- Electronic panel with automatic summer/winter switching and automatic speed regulation for 2-pipe systems with electrical resistance or 4-pipe systems.
- Air probe with remote control option.
- Interface card to control up to 4 fan coils (models 100-150-200 only, for on board installation).

iDRHOSS Controls

- Wall mounting receiver for remote control.
- Electronic panel for wall mounting installation.
- Wall-mounted recessed electronic panel

For installation on machine

- Master/slave electronic board.
- Temperature probe for hot row.
- Module for ON/OFF valves and electrical resistance management.
- RS485 interface for serial communication with other devices (proprietary protocol; Modbus RTU protocol).
- RS 485/USB serial converter.
- Serial interface (CAN-bus - Controller Area Network) for the iDRHOSS system.
- KGTW-BAC- Gateway RS485/BACnet (max 64 fan coil).
- KGW-LON - Gateway RS485/FTT10-LonWorks (max 64 fan coil).

Key: ✦ Factory fitted
 → Supplied separately



YARDY HP CXP			100	150	200	250	300	
❶	Total cooling capacity	3R	kW	7,16	8,37	10,13	13,53	15,22
❶	Total cooling capacity [EN1397]	3R	kW	6,96	8,13	9,75	12,85	14,42
❷	Heating capacity (45°C) [EN1397]	3R	kW	8,37	10,22	12,56	17,02	19,5
❸	Heating capacity (50°C)	3R	kW	9,66	11,71	14,28	19,12	21,82
❶	Total cooling capacity	4R	kW	8,41	9,51	11,37	16,55	18,75
❶	Total cooling capacity [EN1397]	4R	kW	8,22	9,28	11,04	15,88	18
❷	Heating capacity (45°C) [EN1397]	4R	kW	9,31	10,92	13,33	19,59	22,61
❸	Heating capacity (50°C)	4R	kW	10,86	12,68	15,38	22,35	25,76
❶	Total cooling capacity	5R	kW	-	-	-	18,7	20,5
❶	Total cooling capacity [EN1397]	5R	kW	-	-	-	18,04	19,75
❷	Heating capacity (45°C) [EN1397]	5R	kW	-	-	-	21,83	24,61
❸	Heating capacity (50°C)	5R	kW	-	-	-	25,04	28,11
❹	Heating capacity of additional coil (70°C)	4T -KBAA	kW	6,69	6,78	9,35	10,44	11,31
❺	Heating capacity of additional coil (65°C) [EN1397]	4T -KBAA	kW	6,09	6,22	8,61	9,86	10,74
❹	Heating capacity of additional coil (70°C)	PBAB	kW	12,9	14,14	16,4	29,73	32,77
❺	Heating capacity of additional coil (65°C) [EN1397]	PBAB	kW	11,56	12,69	14,78	26,92	29,68
❻	Air flow rate/Speed static pressure (3R)	MAX	m³/h / Pa	1.552 / 60	1.840 / 60	2.339 / 60	3.312 / 60	3.875 / 60
		MED	m³/h / Pa	1.369 / 50	1.620 / 50	1.717 / 50	2.189 / 50	3.075 / 50
		MIN	m³/h / Pa	1.013 / 35	1.432 / 35	1.414 / 35	1.329 / 35	2.415 / 35
❼	Delivery sound power (3R)	MAX	dB(A)	61	62	62	63	68
		MED	dB(A)	59	61	60	59	64
		MIN	dB(A)	56	59	57	55	61
❸	Speed sound pressure (3R)	MAX	dB(A)	47	48	48	49	54
		MED	dB(A)	45	47	46	45	50
		MIN	dB(A)	42	45	43	41	47
Nominal spd absorbed power MAX	3R	W	200	245	380	680	800	
	4R	W	190	230	330	670	750	
	5R	W	-	-	-	660	750	
Maximum absorbed power (0 Pa)	3R	W	280	300	500	850	900	
Electrical supply		V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	
DIMENSIONS AND WEIGHTS			100	150	200	250	300	
L - Width		mm	1295	1295	1295	1295	1295	
H - Height		mm	250	250	285	335	335	
P - YARDY HP Depth		mm	555	555	670	720	720	
P - PBAB Depth		mm	200	200	200	200	200	
YARDY HP Weight		kg	38	38	46	57	57	

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 3 row coil (3R) without filter.
- ❼ With G3 filter at the conditions specified in point 6 according to EN16583
- ❸ At 2 m from the air outflow point with directionality factor 2 and G3 filter.

