Ductable terminals
YARDY-HP

Cooling capacity: 7.0÷19.8 kW - Heating capacity: 9.9÷29.6 kW

√ Air'Suite biocide filter for healthier and cleaner air in indoor environments

√ New touch controls

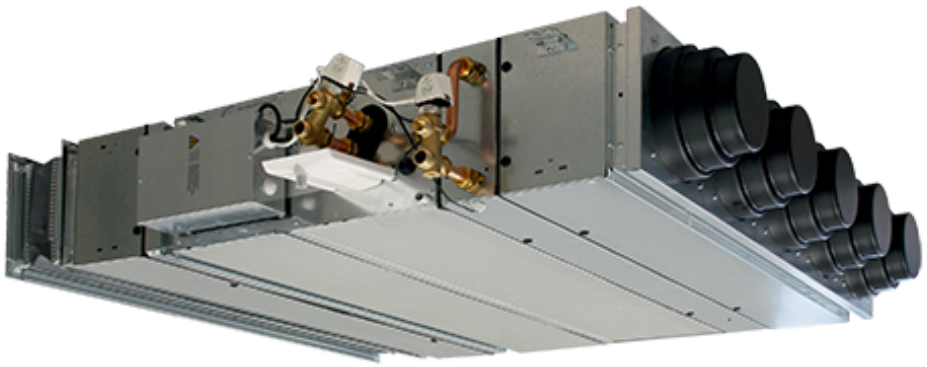
√ Horizontal and vertical installation

√ Pan removable from below for cleaning

√ Hydraulic and electric connections on the same side.

√ Set up with 3, 4, 5-row coil

air'suite



Web code: YAHP1 ACMEC controls: ACREG

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 a natural condensate drain pan, flanges to fit to the inlet/delivery duct. Pan is removable from below.
Filter supplied separately from the unit.
• Finned coil heat exchanger, removable from below, with connections on the left, reversible to the right directly on site.
• Electrical connection box: on the left, on the same side as the hydraulic connections, reversible to the right directly on site.
• Double intake 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; for recessed horizontal/vertical installation.
• 4 Rows - Unit with 4-row coil; for recessed horizontal/vertical installation.
• 5 Rows - Unit with 5-row coil (only models 250, 300); for recessed horizontal/vertical installation.

Construction set-ups

Type of unit
2T - Single main coil
4T - Double main coil and additional

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].
➔❖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.
➔ Frame with filter that can be extracted in any direction (G1 or G3).
➔ Frame with Air'Suite biocide filter (G2) that can be extracted in any direction.
➔ Straight delivery and inlet fitting.
➔ 90° delivery and inlet fitting.
➔ Flange for duct connection.
➔ Anti-vibration fitting for connection to the inlet/delivery duct.
➔ Panel with round nozzles to be connected to the delivery/inlet fittings.

CONTROLS

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.
➔ 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.

➔ Air probe with remote control option.
➔ Interface board to control up to 4 fan coils (models 100-150-200 only, for on board installation).

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).

Key: ❖ Factory fitted
➔ Supplied separately

Technical Data

YARDY HP CXP		100	150	200	250	300
❶ Total cooling capacity [EN1397]	kW	6,96	8,13	9,75	12,85	14,42
❷ Heating capacity (45°C) [EN1397]	kW	8,38	10,23	12,58	17,03	19,51
❸ Heating capacity (50°C)	kW	9,85	12,09	14,85	20,13	23,11
❶ Total cooling capacity [EN1397]	kW	8,22	9,28	11,04	15,88	18
❷ Heating capacity (45°C) [EN1397]	kW	9,32	10,93	13,34	19,59	22,62
❸ Heating capacity (50°C)	kW	11,01	12,88	15,73	23,36	27,12
❶ Total cooling capacity [EN1397]	kW	-	-	-	18,04	19,75
❷ Heating capacity (45°C) [EN1397]	kW	-	-	-	21,83	24,62
❸ Heating capacity (50°C)	kW	-	-	-	26,23	29,62
❺ Heating capacity of additional coil (65°C) [EN1397]	kW	6,11	6,23	8,63	9,88	10,76
❹ Heating capacity of additional coil (70°C) [EN1397]	kW	6,89	7,03	9,73	11,12	12,11
❺ Heating capacity of additional coil (65°C) [EN1397]	kW	11,61	12,74	14,87	20,72	22,77
❹ Heating capacity of additional coil (70°C) [EN1397]	kW	13,1	14,39	16,78	23,36	25,67
❻ Air flow rate/Speed static pressure (3R)	m³/h / Pa	1.552 / 60	1.840 / 62	2.339 / 60	3.312 / 60	3.875 / 59
❼ Delivery sound power (3R)	dB(A)	61	62	62	63	68
❽ Speed sound pressure (3R)	dB(A)	47	48	48	49	54
Nominal spd absorbed power MAX	W	200	245	380	680	800
Maximum absorbed power (0 Pa)	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
❽ At 2 m from the air outflow point with directionality factor 2 and G3 filter.

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