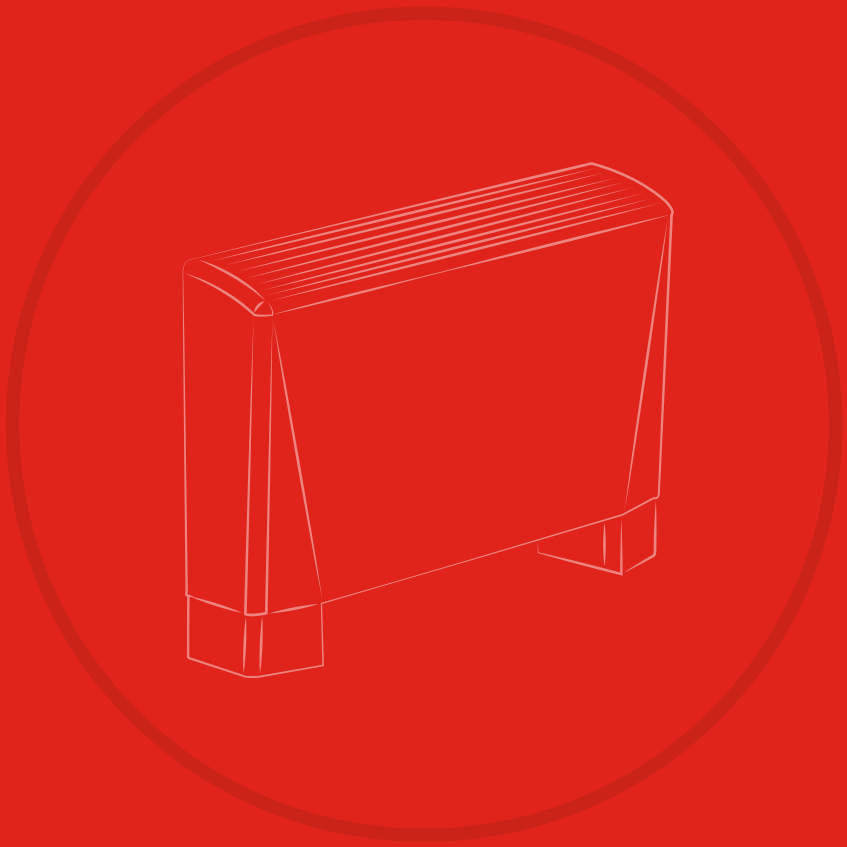
AIR-Hy
AIR-ECM-Hy

Hygienic centrifugal fan coil unit
according to VDI 6022



Product Catalog

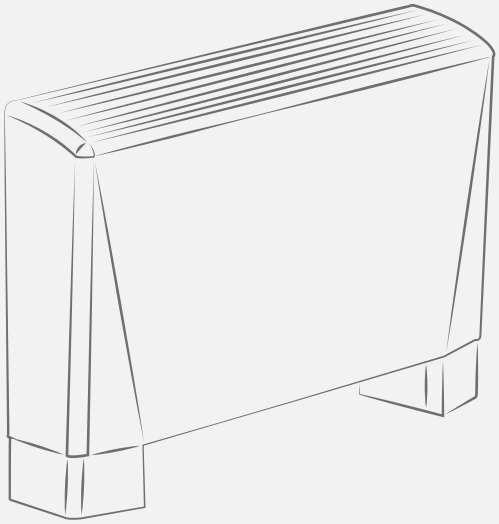
Rel. 14_02_01_03C_EN

Ventilclima®

AIR-Hy
AIR-ECM-Hy

Hygienic centrifugal fan coil unit
according to VDI 6022

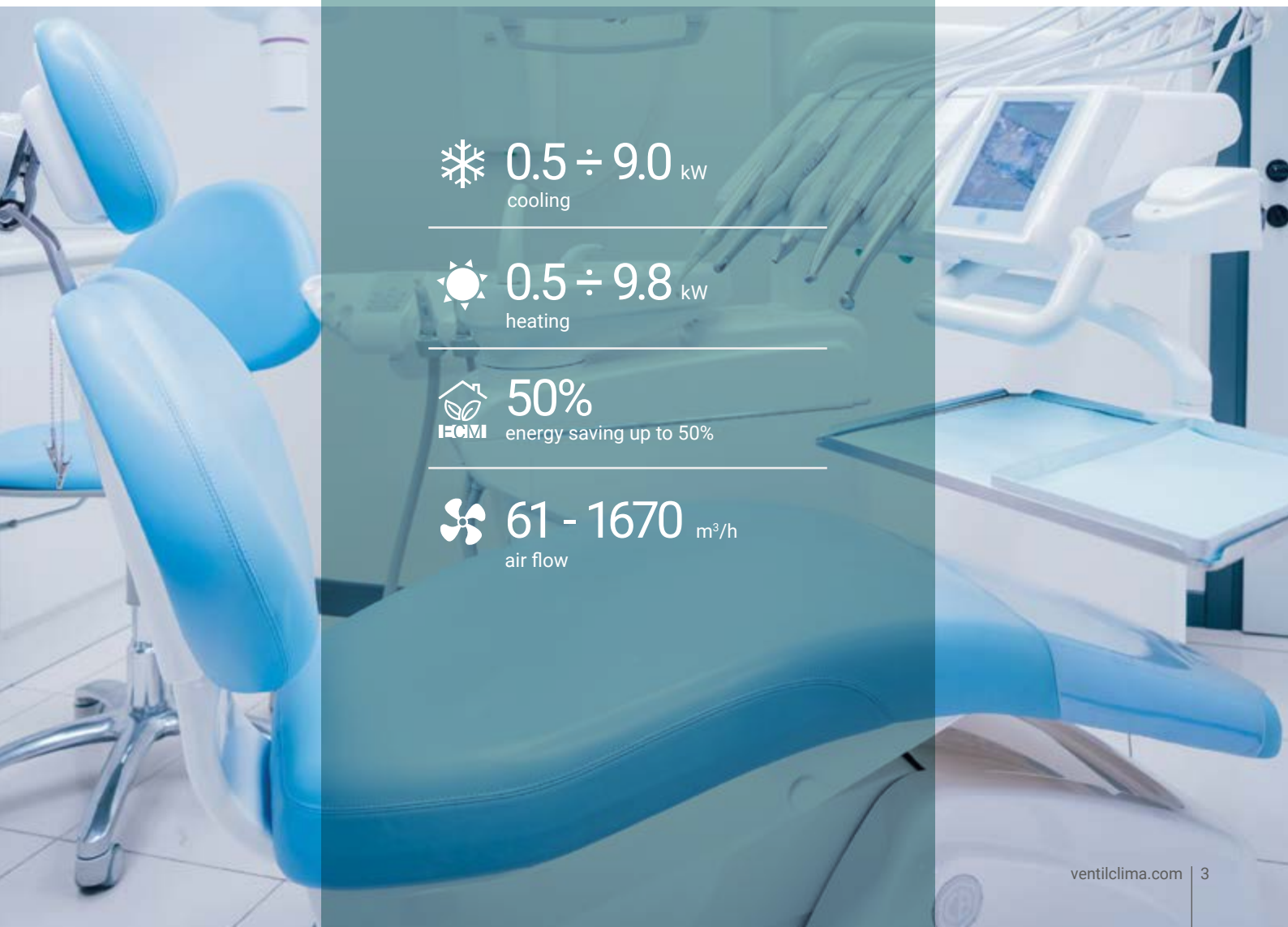
Hygiene compliance test
n. W-294683-18-WD
- VDI 6022, Part 1 (01/2018)
- SWKI VA104-01 (04/2006)



EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

A GROUP S.p.A (Trademark VENTILCLIMA) participates in the ECP programme for FCU. Check ongoing validity of certificate: www.eurovent-certification.com

Comfort and well-being, in total safety



0.5 ÷ 9.0 kW
cooling

0.5 ÷ 9.8 kW
heating

50%
energy saving up to 50%

61 - 1670 m³/h
air flow

Construction features

Constructive and innovative solutions:

the introduction of innovative solutions has also involved the use of stainless materials and cutting-edge polymers tested according to DIN EN ISO 846 and capable of inhibiting bacterial proliferation. Insulators and polymeric components directly in contact with the air flow have been specifically tested in certified laboratories in order to guarantee the maximum resistance to the action of fungi, bacteria and microorganisms that could represent a risk for the health and well-being of the user.

Reinforced structure:

Result of a careful design, in order to guarantee maximum durability even in installations with a high flow of users and usually subject to heavy wear. The structure is made with reinforced ABS sides and an extruded anodised aluminum profile grille that allows excellent resistance to breakage.
Accessibility to users has also been prohibited, in order to avoid tampering or forcing the product. These precautions guarantee high durability and long-term maintenance of the aesthetic and functional qualities of the environments.

Frontal casing:

The unit is equipped as standard with a galvanized steel casing, powder coated RAL 9010 (or RAL on request).
Optional it is also available with a brushed or satin-finished stainless steel casing to guarantee an excellent appearance and offer even greater resistance, hygiene and ease of cleaning.

Easy installation and maintenance:

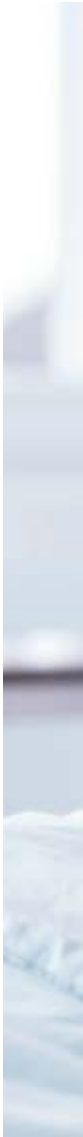
high attention has been paid to the issue of accessibility in order to be able to guarantee a simplification of installation and maintenance activities, to the benefit of a net reduction in operating costs and greater efficiency and safety during cleaning and sanitation processes.

Condensate drain pan:

specially designed in order to be easily removed and sanitized, thanks to only metric screws and dedicated rails.
Entirely made of stainless steel in order to inhibit bacterial proliferation and prevent corrosion, it also guarantees high flexibility and installation versatility thanks to the "L" shape, suitable for both horizontal and vertical installation.

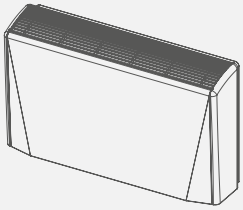
Comfort with maximum level of silence

the series represents the perfect combination of technology, safety and design, where the technological choices adopted allow maximum comfort and maximum safety of the environments, with the minimum operating noise.

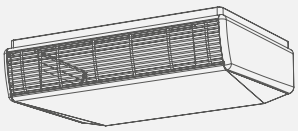


Versions

Hy-M

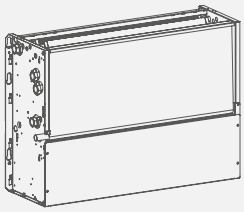


Frontal cabinet
Vertical installation
Bottom air intake

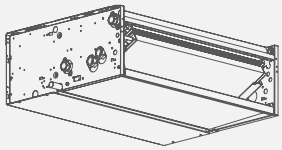


Frontal cabinet
Horizontal installation
Bottom air intake

Hy-I



Concealed version
Vertical installation
Bottom air intake



Concealed version
Horizontal installation
Bottom air intake

Certification

Ventilclima has been certified in accordance with the hygienic requirements of VD1 6022.
This certification represents an important stage in the process of constant improvement of our products.

Hygiene-Institut des Ruhrgebiets
Institut für Umwelthygiene und Toxikologie
Direktor: Prof. Dr. rer. nat. L. Dunemann
Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.

Rotthauser Str. 21
45879 Gelsenkirchen

Telefon 0209/ 9242-0
Telefax 0209/ 9242-222
Internet www.hyg.de

Unser Zeichen: W-294683-hr-18-WD
Ansprechpartner: F. Wedke B. Eng.

Test - certificate

hygiene – conformity check to the design requirements of VDI 6022, part 1 (01/2018)

Test institute:	Hygiene Institut des Ruhrgebiets Institut für Umwelthygiene und Toxikologie Rotthauser Straße 21 49879 Gelsenkirchen
Test object:	fan coil units "AIR"
Manufacturer:	Ventilclima Via Montegrappa, 67 31020 San Zenone degli Ezzelini (Tv) Italy
Basis of the examination:	✓ VDI 6022, part 1 (01/2018) ✓ SWKI VA104-01 (04/2006)
Validity period:	5 years 02/2018 – 02/2023
Test report:	W-294683-18-WD

In conclusion it can be stated that the examined fan coil unit „AIR", as specified in the test report W-294683-18-WD, is in compliance with the design requirements of the above mentioned regulations.

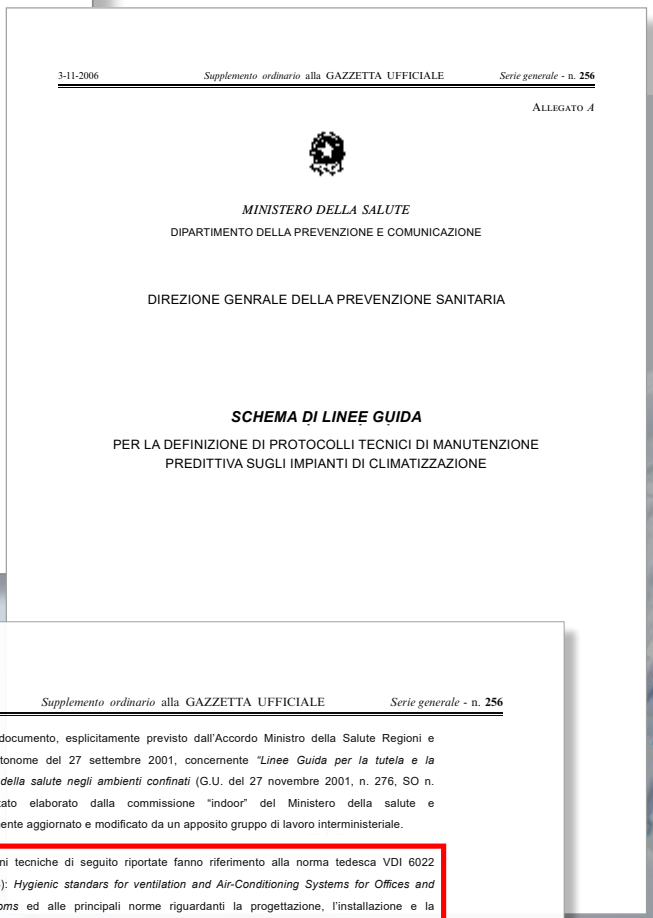
(Priv.-Doz. Dr. G.-J. Tuschewitzki)
Head of the Department of Water Hygiene and Environmental Microbiology

(F. Wedke B. Eng.)
Administrator of Air Conditioning technology
Department of Water Hygiene and Environmental Microbiology

issued 09.02.2018, Gelsenkirchen

Within the framework of the conformity check the hygiene-relevant requirements of the above mentioned regulations was examined. Requirements of other regulations that refer to the above mentioned regulations were not part of the examination. Additionally, the conformity check does not include a toxicological or sensory testing of the introduced materials. This document is not part of a certification process.

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: VR 519 Amtsgericht Gelsenkirchen, USt.-ID: DE125018358
Vorstand: Prof. Dr. Werner Schlake (Vors.), Prof. Dr. Jürgen Krotzschmann, Dr. Emanuel Grün, Volker Vohmann, Prof. Dr. Lothar Dunemann (geschäftsführ. Vorstand)



3-11-2006 *Supplemento ordinario* alla GAZZETTA UFFICIALE *Serie generale* - n. **256**

ALLEGATO *A*

MINISTERO DELLA SALUTE
DIPARTIMENTO DELLA PREVENZIONE E COMUNICAZIONE

DIREZIONE GENRALE DELLA PREVENZIONE SANITARIA

SCHEMA DI LINEE GUIDA

PER LA DEFINIZIONE DI PROTOCOLLI TECNICI DI MANUTENZIONE PREDITTIVA SUGLI IMPIANTI DI CLIMATIZZAZIONE

3-11-2006 *Supplemento ordinario* alla GAZZETTA UFFICIALE *Serie generale* - n. **256**

Il presente documento, esplicitamente previsto dall'Accordo Ministro della Salute Regioni e Province autonome del 27 settembre 2001, concernente *"Linee Guida per la tutela e la promozione della salute negli ambienti confinati* (G.U. del 27 novembre 2001, n. 276, SO n. 252), è stato elaborato dalla commissione "indoor" del Ministero della salute e successivamente aggiornato e modificato da un apposito gruppo di lavoro interministeriale.

Le indicazioni tecniche di seguito riportate fanno riferimento alla norma tedesca VDI 6022 (Luglio 1998): *Hygienic standars for ventilation and Air-Conditioning Systems for Offices and assebly Rooms* ed alle principali norme riguardanti la progettazione, l'installazione e la manutenzione dei comparti e sistemi aeraulici, riportate in Appendice A, tratta dalle Linee Guida dell'AiCARR.

Main features

The introduction of innovative technical construction solutions and the use of stainless materials and cutting-edge polymers tested according to DIN EN ISO 846, capable of inhibiting bacterial proliferation, have allowed the realization of a series of fan coils conforming to the most stringent parameters imposed by the VDI 6022 guidelines, increasingly recognized at European level as a reference point for the design of innovative public places in which an excellent level of hygiene and comfort must be ensured for the total psychophysical well-being of the user.

Hospitals and clinics

Public places

Food industry

Enology

Pharmaceutical

Version with front cabinet made in brushed stainless steel and sides in gray ABS (optional).

Standard version with front cabinet made in galvanized steel white RAL 9010 painted and sides in white (standard).

The AIR-Hy series consists of a wide and well-diversified range that includes solutions for the most varied installation requirements and consists of:

› 10 sizes of capacities
› 2 configurations of installation (Hy-M, Hy-I)
› 2 pipes and 4 pipes system
› With cabinet for vertical installation
› With cabinet for horizontal installation
› Vertical concealed type
› Horizontal concealed type
› ECM motor or asynchronous motor (optional)
› Wide range of accessories and controls supplied
› Front cabinet made in brushes stainless steel (optional)

Performance technical data

EUROVENT CERTIFIED PERFORMANCE
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Check ongoing validity of certificate: www.eurovent-certification.com

2 tubi - pipes - tubes Leiter - tubos **3R** scambiatore - coil - batterie Wärmetauscher - batería

					10	20	30	40	50	60	70	80	90	100
7/12 °C 27 °C d.b. 19 °C w.b.	Potenza frigorifera totale Total cooling capacity Puissance frigorifique totale Kälteleistung gesamt Potencia frigorífica total	(E)	W	6	1185	1885	2672	3633	4599	4906	5556	5997	7479	8957
			W	5	916	1685	2285	2801	3308	3950	4482	5264	6671	8535
			W	4	**781**	**1298**	**1906**	**2322**	**2682**	**3139**	**3773**	**4150**	**5785**	**7739**
			W	3	**694**	**1142**	**1691**	**1930**	**2231**	**2620**	**3168**	**3379**	**4957**	**7159**
			W	2	**618**	**967**	**1455**	**1615**	**1710**	**2089**	**2527**	**2744**	**4255**	**6413**
			W	1	525	838	1042	1251	1367	1875	2272	2421	4107	6225
	Potenza frigorifera sensibile Sensible cooling capacity Puissance frigorifique sensible Sensible Kälteleistung Potencia frigorífica total sensible	(E)	W	6	925	1385	1972	2673	3569	3586	4086	4717	6279	7227
			W	5	726	1235	1665	2021	2508	2840	3252	4104	5511	6885
			W	4	**631**	**928**	**1376**	**1662**	**2012**	**2229**	**2713**	**3122**	**4745**	**6479**
			W	3	**554**	**822**	**1221**	**1360**	**1641**	**1850**	**2268**	**2509**	**4037**	**5959**
			W	2	**478**	**697**	**1045**	**1140**	**1240**	**1469**	**1777**	**2014**	**3435**	**5293**
			W	1	380	598	762	871	997	1315	1612	1771	3097	4905
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua		l/h	6	215	331	468	636	806	859	973	1056	1320	1576
			l/h	5	172	295	400	489	579	691	785	927	1174	1501
			l/h	4	137	227	334	405	469	549	659	729	1014	1361
			l/h	3	122	200	295	336	390	458	553	595	868	1260
			l/h	2	108	169	255	282	300	364	441	483	744	1129
			l/h	1	100	146	183	218	238	328	397	426	718	1095
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa	6	5,9	16,3	36,6	24,0	42,0	23,9	17,9	20,6	33,8	37,6
			kPa	5	4,0	13,3	27,7	15,1	23,5	16,3	12,2	16,4	27,5	34,4
			kPa	4	**3,1**	**8,4**	**20,2**	**10,8**	**17,9**	**10,8**	**9,0**	**11,5**	**26,1**	**28,8**
			kPa	3	**2,5**	**6,7**	**16,3**	**7,8**	**12,7**	**7,9**	**6,6**	**8,0**	**20,0**	**25,0**
			kPa	2	**2,0**	**5,0**	**12,5**	**5,7**	**7,9**	**5,3**	**4,4**	**5,6**	**15,6**	**20,7**
			kPa	1	1,5	3,8	7,0	3,6	4,9	4,4	3,7	4,2	11,6	16,0
45/40 °C 20 °C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica	(E)	W	6	1520	2130	2950	4400	5135	5950	6170	7300	8070	9790
			W	5	1160	1860	2500	3340	3617	4710	4920	6360	7130	9290
			W	4	**950**	**1390**	**2060**	**2560**	**2910**	**3480**	**4080**	**4820**	**6250**	**8580**
			W	3	**790**	**1230**	**1810**	**2130**	**2440**	**2920**	**3450**	**3890**	**5440**	**7930**
			W	2	**620**	**970**	**1580**	**1820**	**1820**	**2400**	**2940**	**3280**	**4660**	**7060**
			W	1	470	860	1180	1480	1380	2320	2680	2890	4360	6680
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua		l/h	6	264	372	513	767	892	1036	1075	1271	1407	1705
			l/h	5	201	324	436	582	628	821	857	1107	1242	1619
			l/h	4	167	243	359	446	506	607	711	840	1089	1495
			l/h	3	126	214	315	370	424	508	601	677	948	1382
			l/h	2	102	170	275	317	316	419	513	571	811	1229
			l/h	1	82	150	206	257	240	403	467	504	759	1165
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa	6	7,0	16,5	35,5	27,5	48,2	27,4	17,6	23,6	43,1	35,6
			kPa	5	4,4	12,9	26,6	16,9	26,0	18,2	11,8	18,5	34,3	32,4
			kPa	4	**3,5**	**7,8**	**18,9**	**10,6**	**17,7**	**10,7**	**8,5**	**11,4**	**19,9**	**22,9**
			kPa	3	**2,3**	**6,3**	**15,0**	**7,6**	**13,0**	**7,8**	**6,3**	**7,8**	**15,6**	**19,9**
			kPa	2	**1,6**	**4,1**	**11,8**	**5,8**	**7,9**	**5,6**	**4,8**	**5,8**	**11,8**	**16,2**
			kPa	1	0,9	3,3	7,1	4,0	4,9	5,2	4,0	4,6	10,5	14,8
50 °C 20 °C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica		W	6	1770	2530	3500	5180	6570	7000	7340	8580	9630	11650
			W	5	1360	2210	2980	3940	4650	5560	5850	7480	8510	11070
			W	4	1120	1660	2460	3050	3740	4150	4870	5710	7450	10200
			W	3	870	1470	2160	2530	3140	3470	4110	4610	6480	9430
			W	2	710	1170	1880	2160	2370	2850	3490	3880	5550	8400
			W	1	580	1030	1410	1750	1820	2730	3170	3420	5210	7980
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua		l/h	6	215	331	468	636	806	859	973	1056	1320	1576
			l/h	5	172	295	400	489	579	691	785	927	1174	1501
			l/h	4	137	227	334	405	469	549	659	729	1014	1361
			l/h	3	122	200	295	336	390	458	553	595	868	1260
			l/h	2	108	169	255	282	300	364	441	483	744	1129
			l/h	1	100	146	183	218	238	328	397	426	718	1095
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua		kPa	6	4,8	13,3	29,8	19,6	34,2	19,5	14,6	16,8	38,1	30,6
			kPa	5	3,3	10,9	22,6	12,3	19,1	13,3	10,0	13,4	30,7	28,0
			kPa	4	2,5	6,9	16,4	8,8	14,6	8,8	7,3	9,3	21,3	23,5
			kPa	3	1,8	5,5	13,2	6,4	10,4	6,4	5,4	6,5	16,2	20,5
			kPa	2	1,4	4,0	10,2	4,7	6,4	4,3	3,6	4,5	12,4	16,9
			kPa	1	1,2	3,1	5,7	3,0	4,0	3,6	3,0	3,4	9,4	13,1
	Portata aria Air flow Débit d'air Luftstrom Flujo de aire		m^3/h	6	205	342	427	603	771	835	968	1153	1376	1670
			m^3/h	5	150	295	364	439	510	650	753	1001	1198	1604
			m^3/h	4	120	211	292	359	398	503	619	728	1002	1511
			m^3/h	3	100	184	256	295	336	419	519	586	865	1395
			m^3/h	2	78	153	221	249	249	344	421	476	736	1224
			m^3/h	1	61	130	160	220	189	299	379	407	649	1112
	Livello di potenza sonora Sound power level Niveau de puissance sonore Schall-Leistungpegel Nivel de potencia acústica	(E)	dB(A)	6	48	51	51	53	54	54	57	62	62	65
			dB(A)	5	41	47	47	45	46	49	52	59	59	64
			dB(A)	4	**38**	**40**	**43**	**40**	**40**	**49**	**46**	**54**	**55**	**62**
			dB(A)	3	**35**	**36**	**39**	**35**	**36**	**45**	**41**	**48**	**51**	**60**
			dB(A)	2	**29**	**33**	**36**	**31**	**30**	**37**	**37**	**40**	**47**	**57**
			dB(A)	1	24	28	29	25	25	34	34	38	43	55
	Livello di pressione sonora Sound pressure level Niveau de pression sonore Schall-Druckpegel Nivel de presión sonora		dB(A)	6	39	42	42	44	45	48	48	53	53	56
			dB(A)	5	32	38	38	36	37	43	43	50	50	55
			dB(A)	4	29	31	34	31	31	40	37	45	46	53
			dB(A)	3	26	27	30	26	27	36	32	39	42	51
			dB(A)	2	20	24	27	22	21	28	28	31	38	48
			dB(A)	1	15	19	20	16	16	25	25	29	34	46

- **Unità standard a bocca libera:** pressione statica esterna = 0 Pa / Il test per la rilevazione del livello di potenza sonora è stato eseguito in accordo con la **normativa EN 16583:2015**/ **Livello di pressione sonora:** considerata 8,6 dB(A) inferiore rispetto alla potenza sonora in una stanza di 90 m^3 con un tempo di riverbero di 0,5 sec. / **Valori tensione ammissibile:** ~230V / 1ph / 50-60Hz
- **Standard unit with free outlet:** external static pressure = 0 Pa / The sound power level test has been performed **according to EN 16583:2015 standard** / **Sound pressure level:** 8,6 dB(A) lower that the sound power level for a room of 90 m^3 with a reverberation time of 0,5 sec. / **Supported power supply:** ~230V / 1ph / 50-60Hz
- **Unité standard avec sortie libre:** pression statique externe = 0 Pa / Le test de détection du niveau de puissance acoustique a été réalisé conformément à la norme EN 16583: 2015 / **Niveau de pression sonore:** considéré de 8,6 dB(A) plus faible que le niveau de puissance acoustique d'une pièce de 90 m^3, avec un temps de réverbération de 0,5 sec. / **Valeurs de tension admissibles:** ~230V / 1ph / 50-60Hz
- **Standard Einheit mit offenem Auslass:** externer statischer Druck = 0 Pa / Der Test zur Erfassung des Schallleistungspegels wurde gemäß der Norm EN 16583: 2015 durchgeführt / **Schall-Druckpegel:** Schall-Druckpegel: 8,6 dB (A) unter dem Schalldruck in einem Raum von 90 m^3 mit einer Nachhallzeit von 0,5 s. / **Unterstützte Stromversorgung:** ~230V / 1ph / 50-60Hz
- **Unidad estándar con salida libre:** presión estática externa = 0 Pa / La prueba de nivel acústico se realizó de acuerdo con la **norma EN 16583:2015** / **Nivel de presión sonora:** se considera 8,6 dB (A) inferior a la potencia acústica en una sala de 90 m^3 con un tiempo de reverberación de 0,5 seg. / **Valores de voltaje admisibles:** ~230V / 1ph / 50-60Hz

velocità cablate / wired speed / vitesse câblée / verkabelte Geschwindigkeitsstufe / velocidades cableadas **(E)** = Eurovent

Performance technical data

EUROVENT CERTIFIED PERFORMANCE
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4 tubi - pipes - tubes Leiter - tubos **(3+1)R** scambiatore - coil - batterie Wärmetauscher - batería

					10	20	30	40	50	60	70	80	90	100
7/12°C 27°C d.b. 19°C w.b.	Potenza frigorifera totale Total cooling capacity Puissance frigorifique totale Kälteleistung gesamt Potencia frigorífica total	(E)	W	6	1195	1695	2612	3563	4579	4816	5206	6227	8319	8877
			W	5	956	1545	2245	2751	3348	3880	4332	5474	7361	8475
			W	4	**830**	**1158**	**1876**	**2272**	**2687**	**3079**	**3223**	**4072**	**6395**	**7709**
			W	3	**734**	**1012**	**1651**	**1890**	**2226**	**2570**	**2708**	**3349**	**5490**	**7169**
			W	2	**658**	**867**	**1425**	**1585**	**1710**	**2049**	**2157**	**2744**	**4705**	**6408**
			W	1	550	788	1022	1231	1417	1835	2062	2481	4277	6225
	Potenza frigorifera sensibile Sensible cooling capacity Puissance frigorifique sensible Sensible Kälteleistung Potencia frigorífica total sensible	(E)	W	6	915	1245	1802	2623	3499	3776	4446	4617	6169	6627
			W	5	726	1135	1535	1981	2468	2790	3602	4024	5411	6315
			W	4	**621**	**908**	**1356**	**1622**	**1982**	**2189**	**2658**	**3057**	**4655**	**5759**
			W	3	**534**	**797**	**1196**	**1340**	**1621**	**1820**	**2218**	**2469**	**3957**	**5319**
			W	2	**468**	**687**	**1030**	**1115**	**1220**	**1439**	**1747**	**1969**	**3365**	**4698**
			W	1	380	558	692	871	967	1285	1672	1751	3037	4555
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua		l/h	6	211	333	459	625	836	844	914	1094	1463	1577
			l/h	5	169	289	393	480	602	679	758	962	1292	1501
			l/h	4	147	195	327	397	464	539	564	711	1119	1362
			l/h	3	130	174	289	329	401	451	473	606	958	1259
			l/h	2	115	150	249	277	305	359	381	492	823	1130
			l/h	1	96	144	178	214	245	322	360	435	746	1096
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa	6	3,5	15,8	30,4	23,2	38,8	23,2	16,0	22,0	40,6	30,5
			kPa	5	2,4	12,8	24,0	14,6	25,1	15,8	11,5	17,5	32,6	28,0
			kPa	4	**1,8**	**7,6**	**18,7**	**10,1**	**17,0**	**10,0**	**8,4**	**11,0**	**25,0**	**24,0**
			kPa	3	**1,5**	**6,0**	**15,1**	**7,2**	**11,9**	**7,3**	**6,2**	**7,7**	**18,9**	**20,0**
			kPa	2	**1,1**	**4,5**	**11,6**	**5,3**	**7,4**	**4,9**	**4,1**	**5,5**	**14,4**	**17,0**
			kPa	1	0,7	3,7	8,9	3,5	5,2	4,2	3,1	4,3	12,4	16,1
65/55°C 20°C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica	(E)	W	6	1110	1800	2560	2860	4190	4370	4830	5290	7050	7520
			W	5	910	1610	2270	2320	3240	3620	4100	4840	6390	7120
			W	4	**760**	**1160**	**1680**	**1980**	**2700**	**2990**	**3000**	**3880**	**5620**	**6710**
			W	3	**730**	**1090**	**1530**	**1710**	**2340**	**2600**	**2680**	**3450**	**5000**	**6260**
			W	2	**610**	**940**	**1380**	**1520**	**1870**	**2270**	**2390**	**3050**	**4420**	**5750**
			W	1	520	650	1270	1230	1540	2070	2220	2750	4030	5430
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua		l/h	6	97	158	225	251	368	384	424	464	618	659
			l/h	5	80	141	199	204	285	318	359	424	560	624
			l/h	4	67	102	147	173	237	262	263	340	493	588
			l/h	3	64	96	134	150	205	228	235	302	439	549
			l/h	2	54	82	121	133	164	199	209	267	388	504
			l/h	1	45	57	112	108	135	181	195	241	353	476
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa	6	1,9	5,8	13,4	19,2	35,5	12,5	30,6	21,8	32,4	27,3
			kPa	5	1,3	4,8	10,8	13,3	21,5	9,0	22,3	18,5	27,2	24,8
			kPa	4	**1,0**	**3,2**	**8,3**	**10,1**	**13,8**	**6,3**	**12,3**	**12,2**	**21,8**	**22,3**
			kPa	3	**0,9**	**2,8**	**7,1**	**7,8**	**10,8**	**5,0**	**10,0**	**9,7**	**17,7**	**19,8**
			kPa	2	**0,7**	**2,2**	**5,9**	**6,3**	**7,3**	**3,9**	**8,2**	**7,9**	**14,3**	**17,0**
			kPa	1	0,5	1,0	3,9	4,4	5,0	3,2	7,1	6,5	12,1	15,4
70/60°C 20°C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica		W	6	1270	2050	2910	3230	4770	4970	5480	6000	7990	8510
			W	5	1040	1830	2504	2630	3690	4110	4640	5480	7240	8060
			W	4	870	1350	1901	2240	3070	3390	3400	4390	6370	7590
			W	3	840	1270	1736	1940	2660	2950	3030	3910	5660	7090
			W	2	710	1100	1553	1710	2120	2570	2700	3450	5010	6510
			W	1	600	740	1440	1390	1750	2340	2520	3120	4560	6140
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua		l/h	6	112	180	256	284	419	436	481	527	702	748
			l/h	5	92	161	220	231	324	361	408	482	636	708
			l/h	4	77	119	167	197	270	298	299	386	560	667
			l/h	3	74	112	153	170	233	259	266	343	498	623
			l/h	2	62	97	137	151	186	226	238	303	440	572
			l/h	1	52	65	127	122	154	206	221	274	401	540
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua		kPa	6	2,4	7,2	16,4	23,5	45,6	9,4	38,8	27,4	39,8	33,4
			kPa	5	1,7	5,9	13,3	16,3	27,6	6,8	28,2	23,2	33,3	30,4
			kPa	4	1,2	3,5	10,2	12,3	17,7	4,8	15,6	15,3	26,6	27,3
			kPa	3	1,2	3,1	8,7	9,5	13,9	3,8	12,7	12,2	21,6	24,2
			kPa	2	0,9	2,4	7,3	7,7	9,4	3,0	10,3	9,9	17,4	20,8
			kPa	1	0,6	1,2	4,8	5,3	6,4	2,5	9,0	8,2	14,8	18,8
	Portata aria Air flow Débit d'air Luftstrom Flujo de aire		m³/h	6	200	328	424	604	753	829	960	1138	1352	1643
			m³/h	5	147	282	354	427	505	635	751	1000	1180	1572
			m³/h	4	117	197	291	349	401	496	603	733	990	1493
			m³/h	3	98	169	248	284	329	407	508	581	851	1368
			m³/h	2	77	142	214	241	245	335	411	469	725	1217
			m³/h	1	60	132	155	212	184	288	370	403	635	1101
	Livello di potenza sonora Sound power level Niveau de puissance sonore Schall-Leistungpegel Nivel de potencia acústica	(E)	dB(A)	6	48	51	52	53	54	55	57	62	62	65
			dB(A)	5	41	47	48	45	46	49	52	59	59	64
			dB(A)	4	**38**	**40**	**43**	**40**	**42**	**43**	**49**	**53**	**57**	**62**
			dB(A)	3	**35**	**36**	**39**	**35**	**36**	**38**	**43**	**45**	**53**	**60**
			dB(A)	2	**29**	**30**	**36**	**32**	**34**	**33**	**37**	**40**	**50**	**57**
			dB(A)	1	20	28	29	25	27	30	34	38	43	55
	Livello di pressione sonora Sound pressure level Niveau de pression sonore Schall-Druckpegel Nivel de presión sonora		dB(A)	6	39	42	43	44	45	46	48	53	53	56
			dB(A)	5	32	38	39	36	37	40	43	50	50	55
			dB(A)	4	29	31	34	31	33	34	40	44	48	53
			dB(A)	3	26	27	30	26	27	29	34	36	44	51
			dB(A)	2	20	21	27	23	25	24	28	31	41	48
			dB(A)	1	11	19	20	16	18	21	25	29	34	46

- **Unità standard a bocca libera:** pressione statica esterna = 0 Pa / Il test per la rilevazione del livello di potenza sonora è stato eseguito in accordo con la **normativa EN 16583:2015**/ **Livello di pressione sonora:** considerata 8,6 dB(A) inferiore rispetto alla potenza sonora in una stanza di 90 m³ con un tempo di riverbero di 0,5 sec. / **Valori tensione ammissibile:** ~230V / 1ph / 50-60Hz
- **Standard unit with free outlet:** external static pressure = 0 Pa / The sound power level test has been performed **according to EN 16583:2015 standard** / **Sound pressure level:** 8,6 dB(A) lower that the sound power level for a room of 90 m³ with a reverberation time of 0,5 sec. / **Supported power supply:** ~230V / 1ph / 50-60Hz
- **Unité standard avec sortie libre:** pression statique externe = 0 Pa / Le test de détection du niveau de puissance acoustique a été réalisé conformément à la norme EN 16583: 2015 / **Niveau de pression sonore:** considéré de 8,6 dB(A) plus faible que le niveau de puissance acoustique d'une pièce de 90 m³, avec un temps de réverbération de 0,5 sec. / **Valeurs de tension admissibles:** ~230V / 1ph / 50-60Hz
- **Standard Einheit mit offenem Auslass:** externer statischer Druck = 0 Pa / Der Test zur Erfassung des Schallleistungspegels wurde gemäß der Norm EN 16583: 2015 durchgeführt / **Schall-Druckpegel:** Schall-Druckpegel: 8,6 dB (A) unter dem Schalldruck in einem Raum von 90 m³ mit einer Nachhallzeit von 0,5 s. / **Unterstützte Stromversorgung:** ~230V / 1ph / 50-60Hz
- **Unidad estándar con salida libre:** presión estática externa = 0 Pa / La prueba de nivel acústico se realizó de acuerdo con la **norma EN 16583:2015** / **Nivel de presión sonora:** se considera 8,6 dB (A) inferior a la potencia acústica en una sala de 90 m³ con un tiempo de reverberación de 0,5 seg. / **Valores de voltaje admisibles:** ~230V / 1ph / 50-60Hz

velocità cablate / wired speed / vitesse câblée / verkabelte Geschwindigkeitsstufe / velocidades cableadas **(E)** = Eurovent

Performance technical data

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Motore asincrono - Asynchronous motor Moteur asynchrone - Asynchronmotor - Motor asíncrono			10	20	30	40	50	60	70	80	90	100
Potenza assorbita dal motore del ventilatore Motor fan absorbed power Puissance absorbée par le moteur de ventilateur (E) Vom Lüftermotor aufgenommene Leistung Potencia absorbida por el motor del ventilador	W	6	35	45	58	77	91	104	114	153	211	223
	W	5	24	35	45	49	62	80	88	136	169	205
	W	4	**19**	**22**	**34**	**38**	**48**	**61**	**67**	**98**	**125**	**191**
	W	3	**16**	**18**	**29**	**30**	**39**	**50**	**52**	**81**	**103**	**181**
	W	2	**12**	**13**	**25**	**25**	**30**	**41**	**43**	**66**	**85**	**167**
	W	1	10	12	18	19	23	35	38	59	73	155
Corrente assorbita dal motore del ventilatore Motor fan absorbed current Courant absorbé par le moteur du ventilateur Vom Lüftermotor aufgenommener Strom Corriente absorbida por el motor del ventilador	A	6	0,16	0,20	0,26	0,34	0,41	0,48	0,49	0,68	0,93	1,03
	A	5	0,11	0,15	0,20	0,22	0,28	0,36	0,38	0,60	0,71	0,93
	A	4	0,09	0,10	0,15	0,17	0,21	0,28	0,29	0,45	0,55	0,87
	A	3	0,07	0,08	0,13	0,13	0,17	0,22	0,24	0,37	0,45	0,82
	A	2	0,05	0,06	0,11	0,11	0,13	0,18	0,20	0,31	0,37	0,77
	A	1	0,04	0,05	0,08	0,09	0,10	0,16	0,17	0,27	0,32	0,72
Tensione di alimentazione Power supply Tension d'alimentation Stromversorgung Tensión de alimentación			~230V / 1ph / 50-60Hz									

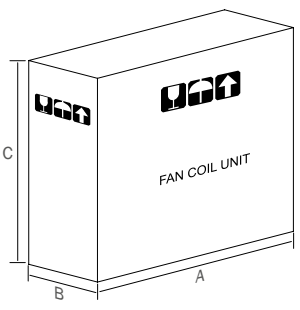
velocità cablate / wired speed / vitesse câblée / verkabelte Geschwindigkeitsstufe / velocidades cableadas **(E)** = Eurovent

Motore ECM - ECM motor Moteur ECM - ECM-Motor - Motor ECM			10	20	30	40	50	60	70	80	90	100
Potenza assorbita dal motore del ventilatore Motor fan absorbed power Puissance absorbée par le moteur de ventilateur (E) Vom Lüftermotor aufgenommene Leistung Potencia absorbida por el motor del ventilador	W	6	-	24	30	40	47	56	67	113	103	170
	W	5	-	19	20	19	19	30	34	76	72	147
	W	4	-	**11**	**15**	**13**	**14**	**19**	**22**	**35**	**47**	**131**
	W	3	-	**10**	**11**	**10**	**10**	**13**	**17**	**20**	**34**	**102**
	W	2	-	**8**	**10**	**8**	**7**	**10**	**12**	**15**	**25**	**78**
	W	1	-	8	7	7	6	9	10	11	20	63
Corrente assorbita dal motore del ventilatore Motor fan absorbed current Courant absorbé par le moteur du ventilateur Vom Lüftermotor aufgenommener Strom Corriente absorbida por el motor del ventilador	A	6	-	0,19	0,24	0,29	0,35	0,49	0,50	0,88	0,83	1,34
	A	5	-	0,15	0,16	0,15	0,15	0,26	0,26	0,58	0,58	1,17
	A	4	-	0,10	0,13	0,11	0,12	0,17	0,16	0,26	0,38	1,04
	A	3	-	0,09	0,10	0,09	0,09	0,13	0,14	0,16	0,28	0,82
	A	2	-	0,08	0,09	0,08	0,07	0,10	0,11	0,13	0,21	0,66
	A	1	-	0,07	0,07	0,07	0,07	0,09	0,10	0,11	0,18	0,54
Tensione di controllo velocità (Vcc) Speed control voltage (Vdc) Tension de contrôle de vitesse (Vcc) Drehzahlregelspannung (Vcc) Voltaje de control de velocidad (Vcc)	V	6	-	8,8	8,3	9,0	9,2	9,2	5,9	7,0	7,4	7,7
	V	5	-	7,5	6,3	5,7	5,4	6,5	4,6	6,2	6,3	7,3
	V	4	-	5,0	5,4	4,4	4,6	4,8	3,5	4,7	5,2	6,9
	V	3	-	4,2	4,2	3,2	3,1	3,6	2,9	3,3	4,4	6,3
	V	2	-	3,4	3,6	2,7	2,0	2,9	2,4	2,8	3,8	5,9
	V	1	-	3,1	2,9	2,0	1,3	2,3	2,0	2,2	3,6	5,1
Tensione di alimentazione Power supply Tension d'alimentation Stromversorgung Tensión de alimentación			~230V / 1ph / 50-60Hz									

velocità cablate / wired speed / vitesse câblée / verkabelte Geschwindigkeitsstufe / velocidades cableadas **(E)** = Eurovent

Weights and packaging

	dimensioni *dimension*	peso netto *net weight*	peso lordo *gross weight*	bancale *palette*		
	[mm] (AxBxC)	[kg]	[kg]	[mm] L x P	[n.] unità - *units*	[kg] tot.
MOD. 10	610 x 240 x 560	13	15	1200 x 800	15	240
MOD. 20	760 x 240 x 560	17	19	1200 x 800	15	300
MOD. 30	910 x 240 x 560	19	21	1300 x 900	15	330
MOD. 40	1060 x 240 x 560	23	25	1200 x 1000	12	315
MOD. 50	1210 x 240 x 560	26	28	1200 x 1000	12	351
MOD. 60	1360 x 240 x 560	30	32	1500 x 1000	12	399
MOD. 70	1510 x 240 x 560	36	39	1500 x 1000	12	483
MOD. 80	1510 x 240 x 560	36	39	1500 x 1000	12	483
MOD. 90	1660 x 240 x 560	41	44	1800 x 900	8	369
MOD. 100	1810 x 240 x 560	47	50	1800 x 900	8	417

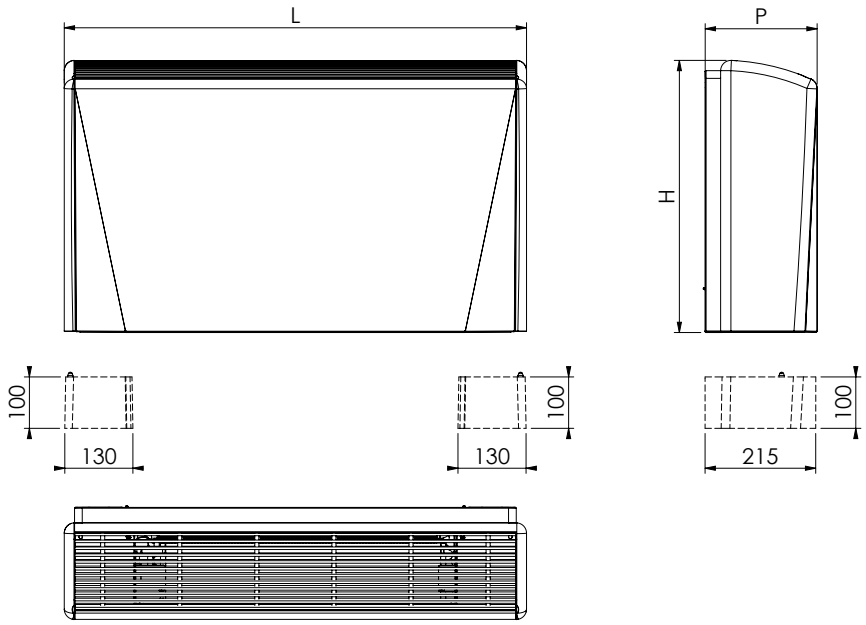


Dimensions

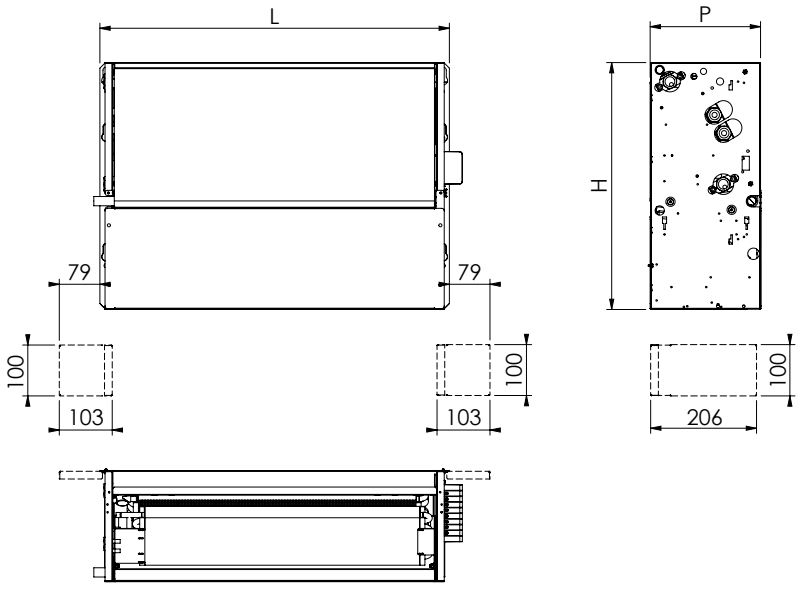
Check ongoing validity of certificate:
www.eurovent-certification.com

Con mobile / With cabinet Avec carrosserie / Mit Gehäuse / Con mueble			10	20	30	40	50	60	70	80	90	100
Lunghezza / Lenght / Longueur / Länge / Longitud	L	mm	600	750	900	1050	1200	1350	1500	1500	1650	1800
Altezza / Height / Hauteur / Höhe / Altura	H	mm	530	530	530	530	530	530	530	530	530	530
Profondità / Depth / Profondeur / Tiefe / Profundidad	P	mm	218	218	218	218	218	218	218	218	218	218
Senza mobile / Without cabinet Sans carrosserie / Ohne Gehäuse / Sin mueble			**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**
Lunghezza / Lenght / Longueur / Länge / Longitud	L	mm	380	530	680	830	980	1130	1280	1280	1430	1580
Altezza / Height / Hauteur / Höhe / Altura	H	mm	480	480	480	480	480	480	480	480	480	480
Profondità / Depth / Profondeur / Tiefe / Profundidad	P	mm	215	215	215	215	215	215	215	215	215	215

Con mobile / With cabinet / Avec carrosserie / Mit Gehäuse / Con mueble



Senza mobile / Without cabinet / Sans carrosserie / Ohne Gehäuse / Sin mueble



The new generation filtration system

Pure Life system

Pure Life System consists of a two-stage filtration module that can be integrated directly into the series, the fact that the solid particles contained in the air flow are precipitated by the action of an electric field that retains the polluting particles and microorganisms dispersed in the air, such as bacteria, viruses and spores conveyed by such particles.

Through a potential difference generated between the emission and collection electrodes, the pollutants are precipitated, captured and retained by special collection grilles, obtaining healthy and completely purified air.

Electronic filter version	
Pure Life System - AIR-Hy	Available for all 9 models, for both Hy-M and Hy-I versions.

Electronic filter

Pure Life System ensures that the maximum particulate values, PM10 and PM2.5, remain at acceptable levels in all the internal environments and comply with the requirements of EN 16798:2018 and UNI 11254:2007 to improve *Indoor Air Quality* according to the requisites of the World Health Organization and in accordance with the European and international communities.

This innovative filtering system is managed and controlled through specially developed electronics which, in addition to controlling the operating voltages and the state of efficiency of the filter, gives warning signals of possible malfunctions and failures.

Another fundamental aspect of this system is its cleaning process, which is remarkably simple, economical and easy to implement. The filtering section is fully accessible and optimized to reduce maintenance times and related operating costs.
Once the filter has been removed, the washing cycle needed to regenerate it simply requires water and a biodegradable cleanser. Furthermore, the high-quality components used to build this filtering system guarantee its durability and high reliability over time.

Units equipped with the *Pure Life System* can be installed in diverse environments, from the most sensitive areas, such as medical and healthcare environments requiring total hygiene in the facility, and densely populated areas such as schools, offices, hotels and public places, where it is required to provide occupants with excellent comfort and environmental protection.

A healthy choice, responsible and aware

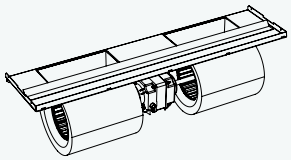
This innovative solution is characterized not only by its high filtration efficiency (comparable to a mechanical F9 class filter) but also by considering the reduction in energy consumption, provided primarily by a significant decrease in pressure drops, which distinguish this filtration system from any other.

Pure Life System is a considered choice, in reducing the impact on the environment, an impact that cannot be avoided with the use of common mechanical filters. The latter must be disposed of with significant economic costs as they are classified as toxic waste and are bound by restrictions in the disposal processes, which precludes them being returned in the recycling chain.

The electronic filtering system *Pure Life System* is unequivocally ecofriendly because it can be 100% regenerated by simple cleaning, removing the polluting particles that have been collected in the process.

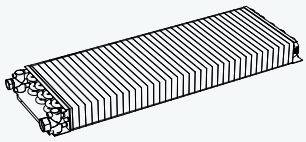
Main accessories

The series can be equipped with a wide range of accessories specifically designed and selected to be able to offer the customer solutions that can respond to every system requirement.
Where provided, the accessories can also be supplied already installed and tested in the company, or supplied separately. For the complete list of available accessories, please refer to the price-list catalog.



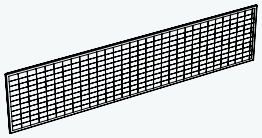
Fan section:

In addition to the asynchronous motor and the Brushless ECM motor, the series can also be supplied with high head motors or motors equipped with thermal protection (fail contact). On request also motors with special requirements.



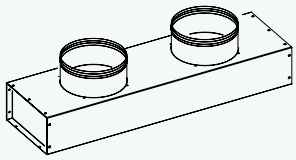
Coils:

4-row coils for 2-pipe systems, 1 or 2 rows for 4-pipe systems, R410A DX coil.
On request also special coils made with special materials or treatments for corrosive atmospheres or with technical precautions to be able to operate at special pressures.



Filters:

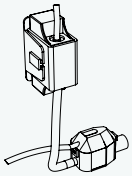
wide range of filters with G2 * / EU2 ** or G3 * / EU3 ** efficiencies.
Also available, where provided, the innovative electronic filter that allows complete air purification and at the same time higher efficiency thanks to low pressure drops.
(* according to EN779 / ** according to Eurovent)



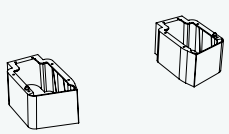
Plenum:

wide range of plenums, ducts, return / supply vents and flexible connection for every installation requirement.
Fully customized plenums can also be made on request.

UV lamps

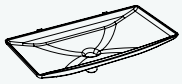


Auxiliary condensate drain pump



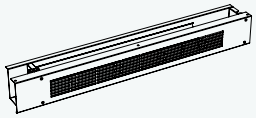
Recessed feet and floor fixing brackets

Main accessories



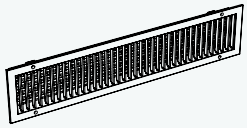
Auxiliary condensate drain pan:

for horizontal unit made of AISI304 steel with insulation tested according to DIN EN ISO 846, for vertical unit made of ABS or AISI304 steel with insulation tested according to DIN EN ISO 846.



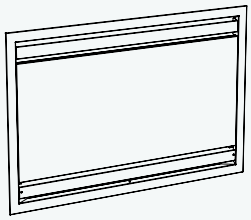
Air intake damper kit:

for horizontal or vertical units (primary air, max 8%), can also be equipped with servomotor for motorized opening.



Grills:

supply or intake grills adjustable or fixed type made of anodized aluminium, also in the version already complete with integrated filter.
The grills can also be painted on request with the RAL color of your choice.

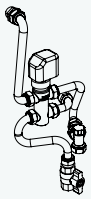


Panels and technical spaces

wide range of front cover panels in multiple configurations, finishes and thicknesses, with relative recessed technical spaces.
Also available the rear cover panel for installation on glass.

Control:

wide range of control devices and related accessories that allow you to manage the correct room temperature. Multiple solutions available based on the installation type, the required performances and the type of investment.



Valves:

wide range of valves, on / off, modulating, floating, two and three ways, which can be supplied already installed and tested or supplied pre-assembled but loose. Also available are the innovative dynamic balancing valves that guarantee effective flow stabilization by controlling the differential pressure, ensuring a constant flow capable of reducing operating costs and higher system efficiency.

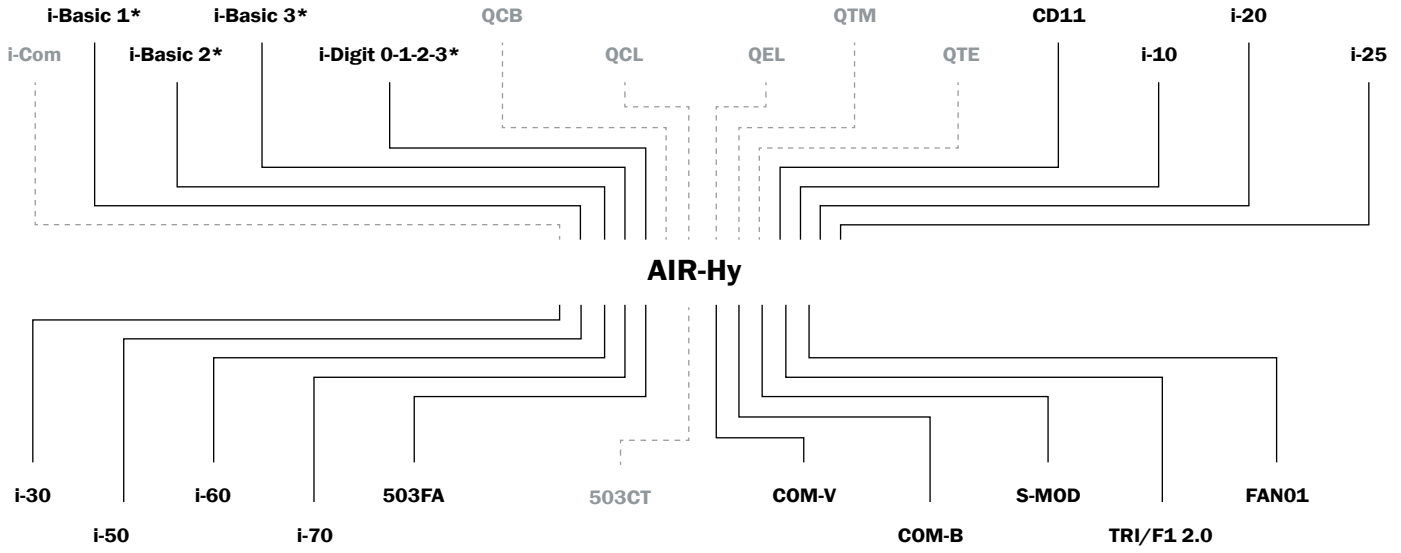
Compatibility of controls

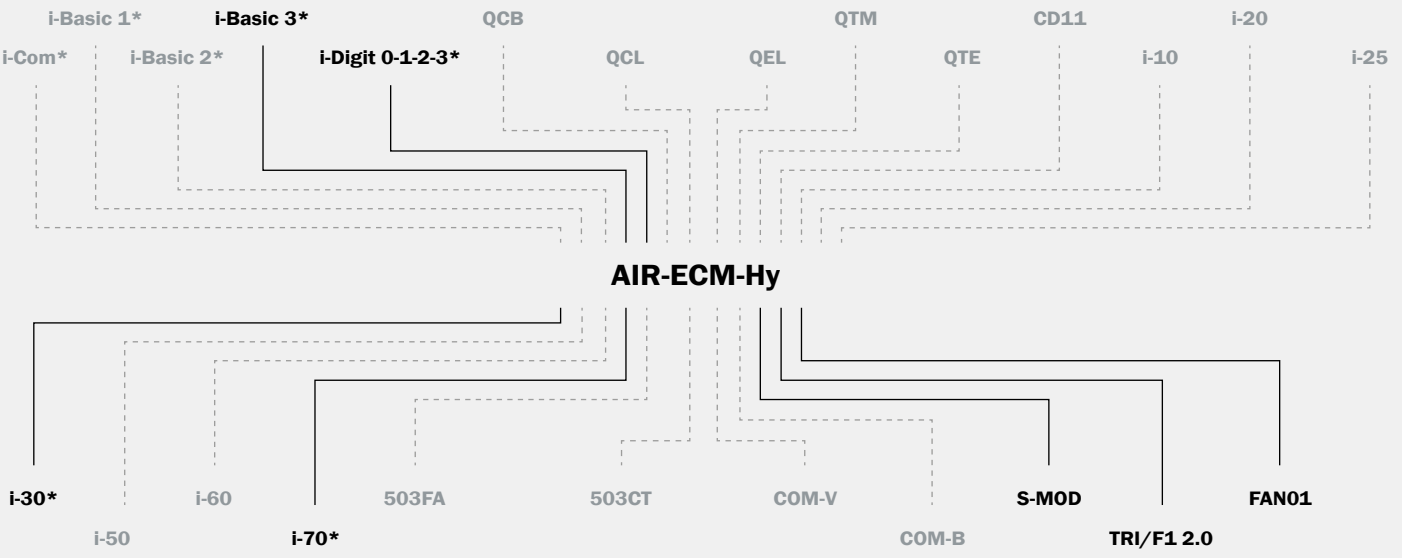
For the complete specifications of the controls, please refer to the part relating to the controls, available from page 298.

503FA	- Termostato elettronico con display LCD - Electronic thermostat with LCD display - Thermostat électronique avec écran LCD - Elektronisches Thermostat mit LCD-Display - Termostato electrónico con pantalla LCD
CD11	- Comando senza regolazione di temperatura - Control without temperature control - Commande sans réglage de température - Steuerung ohne Temperaturregelung - Control sin regulación de temperatura
COM-B	- Commutatore 3 velocità con selettore rotativo BTicino - BTicino rotary selector switch - Commutateur 3 vitesses avec sélecteur rotatif BTicino - Umschalter der 3 Geschwindigkeitsstufen mittels Wahlschalter BTicino - Conmutador de 3 velocidades con selector giratorio b-Ticino
COM-V	- Commutatore 3 velocità con selettore a slitta Vimar - Vimar 3-speed slide selector - Commutateur 3 vitesses avec sélecteur à glissière Vimar - Umschalter der 3 Geschwindigkeitsstufen mittels Schiebeschalter Vimar - Conmutador de 3 velocidades con selector deslizante Vimar
FAN01	- Regolatore per fan coil configurabile con protocollo di comunicazione BACnet - Configurable fan coil controller with BACnet communication protocol - Régulateur pour ventiloconvecteur configurable avec protocole de communication BACnet - Regler für Gebläsekonvektor konfigurierbar über Kommunikationsprotokoll BACnet - Controlador fancoil configurable con protocolo de comunicación BACnet
i-10	- Termostato elettronico analogico base (unità a 2 e 4 tubi) - Analog electronic thermostat (2 and 4 pipe units) - Thermostat électronique analogique base (unité à 2 et 4 tubes) - Analoger elektronischer Basisthermostat für Geräte mit 2-Leiter- oder 4-Leiter-System - Termostato electrónico analógico base (unidades de 2 y 4 tubos)
i-20	- Termostato elettronico analogico (unità a 2 tubi) - Analog electronic thermostat (2 pipe units) - Thermostat électronique analogique (unité à 2 tubes) - Analoger elektronischer Thermostat für Geräte mit 2-Leiter-System - Termostato electrónico analógico (unidad de 2 tubos)
i-25	- Termostato elettronico analogico (unità a 4 tubi) - Analog electronic thermostat (4 pipe units) - Thermostat électronique analogique (unité à 4 tubes) - Analoger elektronischer Thermostat für Geräte mit 4-Leiter-System - Termostato electrónico analógico (unidad de 4 tubos)
i-30	- Termostato elettronico programmabile con display LCD - Programmable electronic thermostat with LCD display - Thermostat électronique programmable avec écran LCD - Programmierbarer elektronischer Thermostat für Gebläsekonvektoren mit 2/4-Leiter-System, mit LCD-Display - Termostato electrónico programable con pantalla LCD
i-50	- Termostato elettronico programmabile con display LCD - Programmable electronic thermostat with LCD display - Thermostat électronique programmable avec écran LCD - Programmierbarer elektronischer Thermostat für Gebläsekonvektoren mit 2/4-Leiter-System, mit LCD-Display - Termostato electrónico programable con pantalla LCD
i-60	- Termostato elettronico touch con connessione WiFi per gestione remota - Touch fan coil thermostat with WiFi connection - Thermostat électronique tactile avec connexion WiFi pour gestion à distance - Elektronischer Touch-Thermostat mit WiFi-Anbindung für Fernüberwachung - Termostato electrónico Touch con conexión WiFi para gestión remota
i-70	- Termostato elettronico touch configurabile, con protocollo di comunicazione MODbus/BACnet (unità a 2 e 4 tubi) - Touch programmable electronic thermostat with MODbus/BACnet protocol communication (unit 2 and 4 pipe system) - Thermostat électronique tactile configurable, avec protocole de communication MODbus/BACnet (unité à 2 et 4 tubes) - Konfigurierbarer elektronischer Touch-Thermostat, mit MODbus/BACnet-Kommunikation mit 2/4-Leiter-System - Termostato electrónico Touch configurable, con protocolo de comunicación Modbus / Bacnet (unidades de 2 y 4 tubos)
i-Basic 1	- Termostato elettronico analogico base - Analog base electronic thermostat - Thermostat électronique analogique base - Analoger elektronischer Basisthermostat für Geräte mit 2-Leiter oder 4-Leiter-System - Termostato electrónico analógico base
i-Basic 2	- Termostato elettronico analogico - Analog electronic thermostat - Thermostat électronique analogique - Analoger elektronischer Thermostat für Geräte mit 2-Leiter oder 4-Leiter-System - Termostato electrónico analógico
i-Basic 3	- Termostato elettronico analogico con programmazione semplificata a DIP-SWITCH - Analog electronic thermostat with simplified DIP-SWITCH programming - Thermostat électronique analogique avec programmation simplifiée à DIP-SWITCH - Analoger elektronischer Thermostat mit vereinfachter DIP-Schalter Programmierung - Termostato electrónico analógico con programación simplificada DIP-SWITCH
i-Com	- Comando senza regolazione di temperatura - Base switch without temperature control - Commande sans réglage de température - Regler für Geräte für 2-Leiter oder 4-Leiter-System ohne Temperaturregelung - Control sin regulación de temperatura
i-Digit 0-1-2-3	- Termostato elettronico programmabile con display LCD - Programmable electronic thermostat with LCD display - Thermostat électronique programmable avec écran LCD - Elektronischer Thermostat für Gebläsekonvektoren mit 2-Leiter oder 4-Leiter-System, mit LCD-Display - Termostato electrónico programable con pantalla LCD
IR-C	- Telecomando a raggi infrarossi (per cassette e sistemi TRI/F1 2.0 + S-MOD) - Infrared remote control (for cassette and TRI/F1 2.0 + S-MOD systems) - Télécommande à infrarouges (pour cassette et TRI/F1 2.0 + S-MOD systèmes) - Infrarot-Fernbedienung (für Kassettengeräte und TRI/F1 2.0 + S-MOD Systeme) - Control remoto IR (para fancoil de tipo cassette e sistemas TRI/F1 2.0 + S-MOD)
IR-T	- Telecomando a raggi infrarossi (per unità a parete) - Infrared remote control (for wall unit) - Télécommande à infrarouges (pour unité murale) - Infrarot-Fernbedienung für wandmontierte Geräte - Control remoto IR (para unidad de pared)
QCB	- Quadro comando base - Base control panel - Panneau de contrôle base - Basisbediengerät - Panel de control base
QCL	- Quadro comando base in lamiera - Sheet base control panel - Panneau de contrôle base en tôle - Basissbediengerät aus Metall - Panel de control base en chapa
QEL	- Quadro comando base in lamiera - Sheet base control panel - Panneau de contrôle base en tôle - Basisbediengerät aus Metall - Panel de control base en chapa
QTE	- Quadro comando base con termostato ambiente elettronico - Base control panel with electronic room thermostat - Panneau de contrôle base avec thermostat ambiant électronique - Basisbediengerät mit elektronischem Raumthermostat - Panel de control base con termostato ambiente electrónico
QTM	- Quadro comando base con termostato ambiente elettromeccanico (a bulbo) - Base control panel with room electromechanical temperature bulb thermostat - Panneau de contrôle base avec thermostat ambiant électromécanique (à bulbe) - Basisschalttafel mit elektromechanischem Raumtempertur-Thermostat (mit Stabfühler) - Panel de control base con termostato ambiente electromecánico (a bulbo)
RWIECM 1-2	- Interfaccia utente a parete - Wall user interface - Interface utilisateur mural - Wandmontiertes Bediengerät - Interfaz de usuario de pared
S-MOD	- Sistema di supervisione - Supervision system - Système de supervision - Überwachungssystem - Sistema de supervisión
TRI/F1 2.0	- Controllo con telecomando IR o interfaccia a muro con protocollo di comunicazione MODbus - Infrared remote controller or wall controller with MODbus communication protocol - Contrôle avec télécommande IR ou interface mural avec protocole de communication MODbus - Steuerung mittels Infrarot-Fernbedienung oder wandmontiertes Bedien- feld mit MODbus-Kommunikationsprotokoll - Control con mando IR o interfaz de pared con protocolo de comunicación MODbus

Compatibility of controls

Scheda di potenza per controllo a 3 velocità Power chart for 3-speed control Fiche de puissance pour contrôle à 3 vitesses Leistungsplatine zur Steuerung mit 3 Geschwindigkeiten Tarjeta de alimentación para el control de 3 velocidades	i-Com	i-Basic 1	i-Basic 2	i-Basic 3	i-Digit 0-1-2-3	TRI/F1 2.0	CD11	i-10	i-20	i-25	i-30	i-50	i-60	i-70	503FA	503BUS+DIN5	S-MOD	FAN01
Mod. 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mod. 90	-	-	○	○	○	-	-	-	-	-	-	-	○	○	-	-	-	-
Mod. 100	-	-	○	○	○	-	-	-	-	-	-	-	○	○	-	-	-	-





*La conformazione del ventilconvettore non permette l'installazione a bordo unità del controllo. - The shape of the fan coil doesn't allow installation on the control unit. - La conformation du ventiloconvecteur ne permet pas l'installation à bord de l'unité de contrôle. - Aufgrund der Ausführung des Gebläsekonvektors ist die Installation auf dem Steuergerät nicht möglich. - El diseño del fancoil no permite la instalación a bordo de la unidad de control.

———	Compatibile Compatible Compatible Kompatibel Compatible	- - - - - -	Non compatibile Not compatible Non compatible Nicht kompatibel NO compatible	-	Non necessaria Not necessary Non nécessaire Nicht erforderlich No Requerido
●	Necessaria (inclusa di serie) Necessary (included as standard) Nécessaire (comprise de série) Erforderlich (serienmäßig inbegriffen) Requerido (incluido de serie)	○	Necessaria (non inclusa) Necessary (not included) Nécessaire (non comprise) Erforderlich (nicht inbegriffen) Requerido (no incluido)		

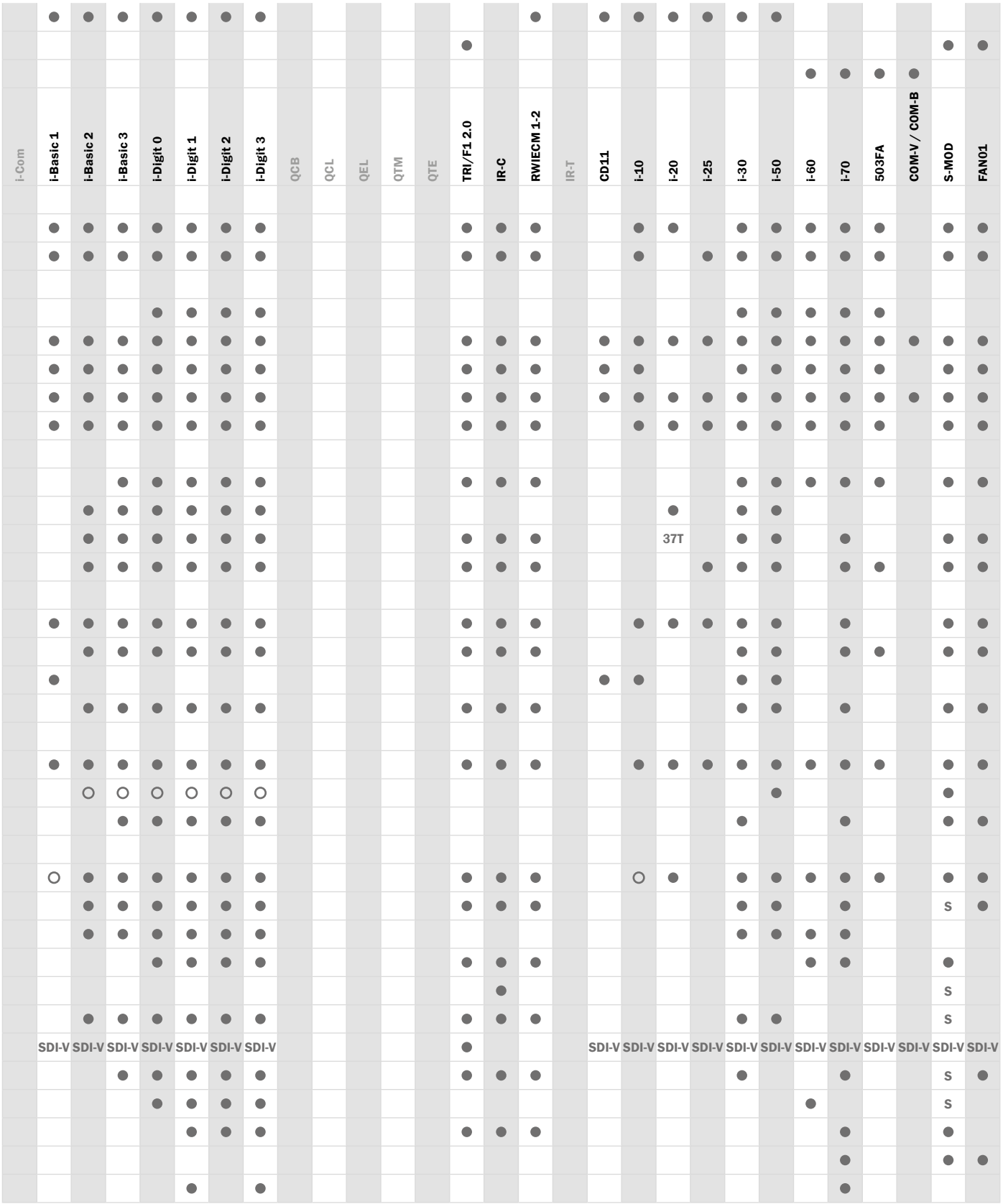
Controller functions

COMPATIBILITÀ - COMPATIBILITY - COMPATIBILITÉ - KOMPATIBILITÄT - COMPATIBILIDAD
Installazione a parete da esterno - Wall mounting - Installation murale - Wandmontage - Instalación a pared
Installazione a bordo unità - On board unit installation - Installation embarquée - Installation auf dem Gerät - Instalación al bordo de la unidad
Installazione a parete da incasso - Wall flush-mounting - Installation à encaissement - Wandeinbau - Instalación empotrada

REGOLATORI - CONTROLLERS - RÉGULATEURS - REGLER - REGULADORES

UTILIZZO - USE - UTILISATION - VERWENDUNG - USO
Impianto a 2 tubi - 2 pipe system - Système à 2 tubes - Anlage mit 2 Leiter-System - Sistema de 2 tubos
Impianto a 4 tubi - 4 pipe system - Système à 4 tubes - Anlage mit 4 Leiter-System - Sistema de 4 tubos
CONTROLLI E DISPLAY - CONTROLS & DISPLAY - CONTRÔLES ET ÉCRAN - STEUERUNGEN UND DISPLAY - CONTROLES Y PANTALLAS
Display - Display - Écran - Display - Monitor
Acceso/Spento - On/Off - Allumé/Éteint - Eingeschaltet/Ausgeschaltet - Encendido /Apagado
Caldo/Freddo - Heat/Cool - Chaud/Froid - Heizen/Kühlen - Frío /Caliente
3 velocità ventilatore - 3 fan speed - 3 vitesses ventilateur - 3 Gebläsegeschwindigkeiten - 3 velocidades de ventilador
Regolazione temperatura - Set point range - Réglage température - Temperaturregelung - Regulación de la temperatura
COMMUTAZIONE - CHANGEOVER - COMMUTATION - UMSCHALTUNG - TRASPUESTA
Velocità automatica - Automatic speed control - Vitesse automatique - Automatische Geschwindigkeitseinstellung - Velocidad automática
Caldo/freddo centralizzata - Central season changeover - Chaud/froid centralisé - Heizen/Kühlen Umschaltung - Cambio Verano / Invierno centralizado
Caldo/freddo automatico (impianto 2 tubi) - Automatic season changeover (2 pipe system) - Chaud/froid automatique (système à 2 tubes) Heizen/Kühlen Umschaltung automatisch (Anlage mit 2 Leitersystem) - Cambio automático Verano / Invierno (sistema de 2 tubos)
Caldo/freddo automatico con zona neutra (imp. 4 tubi) - Automatic season changeover with neutral zone (4 pipe syst.) - Chaud/froid automatique avec zone neutre (syst. à 4 tubes) - Heizen/Kühlen Umschaltung automatisch mit neutralem Bereich (Anlage mit 4 Leiter-System) - Cambio automático Verano/Invierno con zona neutra (sist. de 4 tubos)
INGRESSI - INPUTS - ENTRÉES - EINGÄNGE - ENTRADAS
Sonda aria remota - Remote air intake sensor - Capteur air à distance - Lufteintrittsfühler - Sonda de aire remota
Sonda acqua - Water sensor - Capteur eau - Wassertemperaturfühler - Sonda de agua
[TC/TC-B] Termostato di consenso - Low temperature thermostat - Thermostat d'autorisation - Freigabethermostat - Termostato de mínima
Contatto finestra - Windows contact - Contact fenêtre - Fensterkontakt - Contacto de ventana
USCITE - OUTPUTS - SORTIES - AUSGÄNGE - SALIDAS
Valvole On/Off - On/Off valves - Vannes On/Off - Ein-Aus-Ventil - Válvulas On/Off
Valvole 3 punti (PWM) - Floating valves (PWM) - Vannes 3 points (PWM) - 3-Punkt-Ventil (PWM) - Válvulas de 3 puntos (PWM)
Valvole 0-10V - 0-10V proportional valves - Vannes 0-10V - Ventile 0-10 V - Válvulas 0-10V
FUNZIONI SPECIALI - SPECIAL FUNCTIONS - FONCTION SPÉCIALES - SONDERFUNKTIONEN - FUNCIONES ESPECIALES
Ventilatore termostatato - Fan thermostat controlled - Ventilateur thermostaté - Thermostatgesteuerter Ventilator - Ventilador termostático
Comando resistenza elettrica - Electric heater control - Commande résistance électrique - Steuerung Elektroheizregister - Control de resistencia eléctrica
Funzione economy - Economy function - Fonction economy - Economy-Funktion - Función Economy
Funzione solo ventilazione - Fan function - Fonction uniquement ventilation - Nur Ventilatorbetrieb - Función sólo ventilador
Timer giornaliero - Daily timer - Minuterie quotidienne - Tagestimer - Temporizador diario
Funzione antistratificazione - Air recirculation function - Fonction anti-stratification - Funktion zum Schutz gegen Schichtbildung - Función anti-estratificación
Funzione Master/Slave - Master/Slave function - Fonction Master/Slave - Master/Slave Funktion - Función Master/Slave
Ventilatore modulante - Modulating fan - Ventilateur modulant - Modulierender Ventilator - Ventilador modulante
Programmazione settimanale - Weekly timetable - Programmation hebdomadaire - Wochenprogrammierung - Programación semanal
[MODbus] Protocollo di comunicazione - Communication protocol - Protocole de communication - Kommunikationsprotokoll - Protocolo de comunicación
[BACnet] Protocollo di comunicazione - Communication protocol - Protocole de communication - Kommunikationsprotokoll - Protocolo de comunicación
Controllo umidità - Humidity control - Contrôle de l'humidité - Feuchtigkeitsregelung - Control humedad

Controller functions



● Funzione presente
Function available
Fonction présente
Präsenz-Funktion
Función presente

○ Solo 2 tubi
2 pipe only
Uniquement 2 tubes
Nur 2 Leitungen
Solo 2 tubos

37T Funzione disponibile tramite 37T
Function available by 37T
Fonction disponible à travers 37T
Funktion verfügbar über 37T
Función disponible a través de 37T

SDI-V (3 SPEED MOTOR ONLY)
Funzione disponibile tramite SDI-V
Function available by SDI-V
Fonction disponible à travers SDI-V
Funktion verfügbar über SDI-V
Función disponible a través de SDI-V

TA Funzione disponibile tramite TA
Function available by TA
Fonction disponible à travers TA
Funktion verfügbar über TA
Función disponible a través de TA

S Solo per alcuni sistemi
For some systems only
Pour certains systèmes
Nur für einige Systeme
Solo para algunos sistemas

Concept and design: Aliseo Group
04/2021

14_02_01_03C_AIR-HY_Product Catalog_Ventilclima_EN

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