

UTC/UTV

UTC/UTV-ECM

Ductable air treatment unit



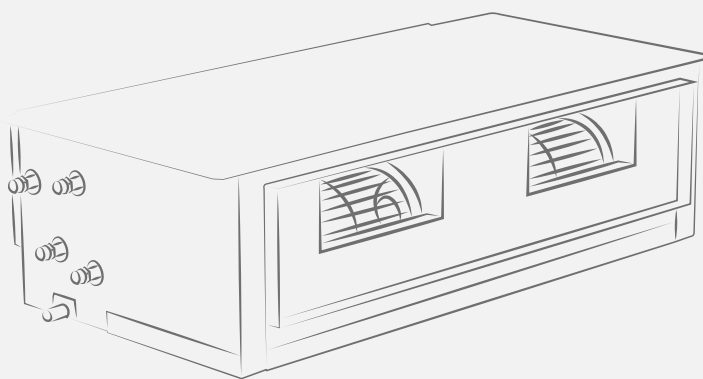
Product Catalog

Rel. 13_02_01_03C_EN

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Ductable air treatment unit



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

Flexibility and durability, for every type of need

 **2.5 ÷ 42.0** kW
cooling

 **2.9 ÷ 46.9** kW
heating

 **50%**
energy saving up to 50%

 **491 - 7985** m³/h
air flow

UTC/UTV
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Structure:

single skin unit, made of Z200 hot-dip galvanized sheet steel 1 mm and 1.5 mm thick (size 60-70) insulated with thermo-acoustic mat class B-s2, d0 with closed cells, 6 mm thick.



Condensate drain pan

made of Z200 hot-dip galvanized steel sheet of 1 mm thickness, externally insulated with thermo-acoustic mattress with closed cell class B-s2, d0, 6 mm thick.



air filter section kit always optional and not included, consisting of a renewable filter and metal frame for fixing to the unit.

Wide range of regenerable filters made of synthetic filtering fabric and galvanized steel frame with different efficiency classes including G3 * / EU3 **, G2 * / EU2 ** with activated carbon, G4 * / EU4 ** or filter with aluminum mesh class G1 * / EU1 **. The filters are 25 mm thick (size 10÷50) and 48 mm (size 60-70).

Also available the innovative electronic filter that allows a complete purification of the air and at the same time ensures high efficiencies thanks to minimum pressure losses. (* according to EN779 / ** according to Eurovent)



Fan section:

double inlet centrifugal fans with statically and dynamically balanced aluminum horizontal fans. Single-phase asynchronous electric motor with overload protection. Multiple rotation speeds (3 of which are connected). The motor is directly coupled to the fans and cushioned with elastic supports for the benefit of quietness. The ECM series is instead equipped with innovative Brushless ECM motors that guarantee precise and modular control of the air flow, limiting the energy supply to the actual workload required, without any waste.



Coils:

copper tube coils with continuous pack aluminum fins clamped on the tubes by mechanical expansion. Copper manifolds equipped with male gas threaded connections and easily accessible air vent valves. Hydraulic connections positioned on the left (looking at the delivery of the unit air), on request they can be supplied on the right. The exchanger is not suitable for use in corrosive atmospheres.

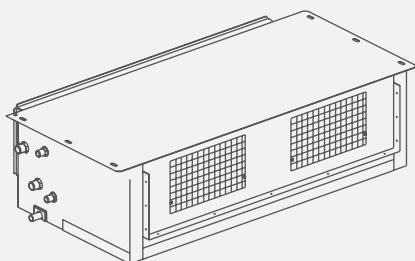
Flexibility and durability, for every type of need

The ductable air handling units are available in 4 construction versions, 7 power sizes, in the horizontal or vertical version and with air flow rates ranging from 480 to 8,000 m³ / h, thermal outputs from 2.8 to 56 kW and cooling capacities from 2.5 to 42 kW.

The units are particularly suitable for use in small and medium rooms for civil, commercial or industrial applications. The modularity of the basic components makes the units suitable for typical installation in false ceilings.

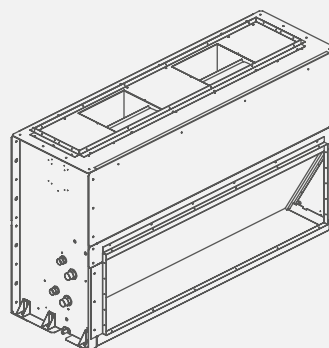
Versions	
UTC	horizontal installation, asynchronous motor
UTC-ECM	horizontal installation, ECM motor
UTV	vertical installation, asynchronous motor
UTV-ECM	vertical installation, ECM motor

UTC / UTC-ECM



Horizontal installation

UTV / UTV-ECM



Vertical installation

UTC/UTV
UTC/UTV-ECM

2 tubi - pipes - tubes Leiter - tubos			3R scambiatore - coil - batterie Wärmetauscher - batería					4R			
			10	20	30	40	50	60 (*)	70 (*)		
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 7	-	5063	-	-	-	-	-	
			W 6	-	5040	-	-	-	-	-	
			W 5	-	4974	-	-	-	-	-	
			W 4	2735	4711	-	-	-	-	-	
			W 3	2714	4412	6936	8277	10850	23488	42068	
			W 2	2683	4084	6797	8066	9764	21629	39655	
	W 1	2543	3678	6536	7596	8081	19816	35610			
	Potenza frigorifera sensibile Sensible cooling capacity Puissance frigorifique sensible Sensible Kälteleistung Potencia frigorífica total sensible	(E)	W 7	-	3753	-	-	-	-	-	
			W 6	-	3740	-	-	-	-	-	
			W 5	-	3684	-	-	-	-	-	
			W 4	2025	3471	-	-	-	-	-	
			W 3	2014	3232	5216	6187	8250	16918	30788	
			W 2	1983	2964	5107	6016	7334	15469	28875	
	W 1	1873	2648	4856	5626	5971	14096	25670			
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua	(E)	l/h 7	-	892	-	-	-	-	-	
l/h 6			-	887	-	-	-	-	-		
l/h 5			-	875	-	-	-	-	-		
l/h 4			487	828	-	-	-	-	-		
l/h 3			484	777	1225	1459	1936	4200	7550		
l/h 2			479	720	1197	1418	1736	3858	7081		
l/h 1	454	650	1143	1336	1438	3517	6352				
Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa 7	-	25,4	-	-	-	-	-		
		kPa 6	-	25,1	-	-	-	-	-		
		kPa 5	-	24,5	-	-	-	-	-		
		kPa 4	13,5	22,2	-	-	-	-	-		
		kPa 3	13,4	19,9	28,3	27,7	23,9	34,4	36,4		
		kPa 2	13,1	17,4	27,2	26,3	19,7	29,6	32,5		
kPa 1	12,0	14,5	25,0	23,7	14,1	25,1	26,9				
45/40 °C 20 °C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica	(E)	W 7	-	5490	-	-	-	-	-	
			W 6	-	5450	-	-	-	-	-	-
			W 5	-	5370	-	-	-	-	-	-
			W 4	3080	5060	-	-	-	-	-	-
			W 3	3060	4720	7660	9040	12430	25450	46880	
			W 2	3030	4350	7470	8760	11010	23210	43630	
	W 1	2860	3900	7100	8210	8960	20970	38670			
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua	(E)	l/h 7	-	956	-	-	-	-	-	
			l/h 6	-	950	-	-	-	-	-	
			l/h 5	-	936	-	-	-	-	-	
			l/h 4	537	881	-	-	-	-	-	
			l/h 3	534	822	1335	1575	2165	4433	8166	
			l/h 2	527	758	1301	1526	1918	4042	7604	
	l/h 1	498	679	1237	1430	1562	3652	6736			
	Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa 7	-	23,6	-	-	-	-	-	
kPa 6			-	23,3	-	-	-	-	-		
kPa 5			-	22,7	-	-	-	-	-		
kPa 4			13,2	20,5	-	-	-	-	-		
kPa 3			13,1	18,1	27,1	26,1	24,0	31,1	34,5		
kPa 2			12,8	15,7	25,9	24,7	19,4	26,5	30,4		
kPa 1	11,6	12,9	23,7	22,0	13,5	22,1	24,5				
Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica	(E)	W 7	-	6540	-	-	-	-	-		
		W 6	-	6500	-	-	-	-	-		
		W 5	-	6410	-	-	-	-	-		
		W 4	3660	6030	-	-	-	-	-		
		W 3	3640	5640	9120	10770	14730	30440	55840		
		W 2	3600	5200	8890	10440	13070	27750	52020		
W 1	3400	4660	8450	9790	10670	25100	46190				
Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua	(E)	l/h 7	-	892	-	-	-	-	-		
		l/h 6	-	887	-	-	-	-	-		
		l/h 5	-	875	-	-	-	-	-		
		l/h 4	487	828	-	-	-	-	-		
		l/h 3	484	777	1225	1459	1936	4200	7550		
		l/h 2	479	720	1197	1418	1736	3858	7081		
l/h 1	454	650	1143	1336	1438	3517	6352				
Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa 7	-	20,7	-	-	-	-	-		
		kPa 6	-	20,4	-	-	-	-	-		
		kPa 5	-	20,0	-	-	-	-	-		
		kPa 4	11,0	18,1	-	-	-	-	-		
		kPa 3	10,9	16,2	23,1	22,5	19,4	28,0	29,7		
		kPa 2	10,7	14,2	22,1	21,4	16,0	24,1	26,5		
kPa 1	9,7	11,8	20,4	19,3	11,5	20,5	21,9				

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Geräte, die aufgrund von Definitionsgrenzen nicht der Eurovent-Zertifizierung unterliegen - Unidades no sujetas a certificación Eurovent debido a criterios de medida

- 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
- The sound power level test has been performed according to EN 16583:2015 standard / Sound pressure level: 8,6 dB(A) lower than 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
- 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
- Der Test zur Erfassung des Schalleistungspegels 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
- 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

2 tubi - pipes - tubes Leiter - tubos			3R scambiatore - coil - batterie Wärmetauscher - batería					4R	
			10	20	30	40	50	60 (*)	70 (*)
Portata aria Air flow Débit d'air Luftstrom Flujo de aire	(E)	m³/h 7	-	970	-	-	-	-	-
		m³/h 6	-	962	-	-	-	-	-
		m³/h 5	-	944	-	-	-	-	-
		m³/h 4	541	873	-	-	-	-	-
		m³/h 3	536	800	1419	1641	2401	4134	7985
		m³/h 2	528	721	1371	1575	2041	3676	7279
Pressione statica Static pressure Pression statique Statischer Druck Presión estática	(E)	Pa 7	-	64	-	-	-	-	-
		Pa 6	-	62	-	-	-	-	-
		Pa 5	-	59	-	-	-	-	-
		Pa 4	54	50	-	-	-	-	-
		Pa 3	52	42	55	56	70	122	121
		Pa 2	50	34	50	50	50	100	100
Livello di potenza sonora aspirazione + radiata Sound power level inlet + radiated Niveaux de puissance acoustique aspiration + rayonné Schallleistungspegel Austritt und Abgestrahlt Nivel de potencia acústica de admisión + resonancia	(E)	dB(A) 7	-	65	-	-	-	-	-
		dB(A) 6	-	64	-	-	-	-	-
		dB(A) 5	-	63	-	-	-	-	-
		dB(A) 4	58	62	-	-	-	-	-
		dB(A) 3	57	61	63	65	67	70	72
		dB(A) 2	57	59	62	64	68	66	67
Livello di potenza sonora mandata Sound power level outlet Niveaux de puissance acoustique soufflage Schallleistungspegel Austritt Nivel de potencia sonora de salida	(E)	dB(A) 7	-	65	-	-	-	-	-
		dB(A) 6	-	64	-	-	-	-	-
		dB(A) 5	-	64	-	-	-	-	-
		dB(A) 4	61	60	-	-	-	-	-
		dB(A) 3	61	58	66	66	66	74	75
		dB(A) 2	60	56	65	65	67	69	70
Livello di pressione sonora aspirazione + radiata Sound pressure level inlet + radiated Niveau de pression acoustique aspiration + rayonné Schalldruckpegel Eintritt und Abgestrahlt Nivel de presión sonora de admisión + resonancia	(E)	dB(A) 7	-	56	-	-	-	-	-
		dB(A) 6	-	55	-	-	-	-	-
		dB(A) 5	-	54	-	-	-	-	-
		dB(A) 4	49	53	-	-	-	-	-
		dB(A) 3	48	52	54	56	58	61	63
		dB(A) 2	48	50	53	55	59	57	58
Livello di pressione sonora mandata Sound pressure level outlet Niveau de pression acoustique soufflage Schalldruckpegel Austritt Nivel de presión sonora de salida	(E)	dB(A) 7	-	47	-	-	-	-	-
		dB(A) 6	-	48	-	-	-	-	-
		dB(A) 5	-	48	-	-	-	-	-
		dB(A) 4	52	51	-	-	-	-	-
		dB(A) 3	52	49	57	57	57	65	66
		dB(A) 2	51	47	56	56	58	60	61
dB(A) 1	49	46	53	54	54	55	56		

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- Der Test zur Erfassung des Schallleistungspegels wurde gemäß der Norm EN 16583: 2015 durchgeführt / Schalldruckpegel: 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
- 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

4 tubi - pipes - tubes Leiter - tubos			(3+1)R scambiatore - coil - batterie Wärmetauscher - batería					(4+2)R			
			10	20	30	40	50	60 (*)	70 (*)		
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 7	-	4943	-	-	-	-	-	
			W 6	-	4920	-	-	-	-	-	
			W 5	-	4854	-	-	-	-	-	
			W 4	2665	4631	-	-	-	-	-	
			W 3	2654	4362	6776	8117	10650	22958	40818	
			W 2	2623	4044	6657	7926	9644	21409	38985	
			W 1	2493	3658	6376	7506	8031	19636	35350	
	Potenza frigorifera sensibile Sensible cooling capacity Puissance frigorifique sensible Sensible Kälteleistung Potencia frigorífica total sensible	(E)	W 7	-	3653	-	-	-	-	-	
			W 6	-	3640	-	-	-	-	-	
			W 5	-	3584	-	-	-	-	-	
			W 4	1975	3411	-	-	-	-	-	
			W 3	1964	3192	5076	6047	8080	16498	29758	
			W 2	1933	2944	4987	5906	7244	15299	28335	
			W 1	1833	2638	4756	6016	5931	13956	25470	
Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua	(E)	l/h 7	-	871	-	-	-	-	-		
		l/h 6	-	866	-	-	-	-	-		
		l/h 5	-	855	-	-	-	-	-		
		l/h 4	475	815	-	-	-	-	-		
		l/h 3	473	768	1198	1431	1900	4109	7335		
		l/h 2	468	714	1172	1394	1718	3820	6966		
		l/h 1	446	647	1123	1320	1430	3487	6308		
Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa 7	-	24,3	-	-	-	-	-		
		kPa 6	-	24,1	-	-	-	-	-		
		kPa 5	-	23,5	-	-	-	-	-		
		kPa 4	13,0	21,6	-	-	-	-	-		
		kPa 3	12,8	19,5	27,2	26,7	23,1	33,1	34,6		
		kPa 2	12,6	17,1	26,2	25,5	19,3	29,1	31,6		
		kPa 1	11,6	14,4	24,3	23,2	14,0	24,8	26,5		
65/55 °C 20 °C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica	(E)	W 7	-	4440	-	-	-	-	-	
			W 6	-	4420	-	-	-	-	-	-
			W 5	-	4360	-	-	-	-	-	-
			W 4	2560	4180	-	-	-	-	-	-
			W 3	2550	3960	6130	7240	9810	29570	52860	
			W 2	2530	3710	6010	7070	8930	27580	50280	
			W 1	2420	3400	5770	6730	7560	25290	45700	
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua	(E)	l/h 7	-	389	-	-	-	-	-	
			l/h 6	-	387	-	-	-	-	-	
			l/h 5	-	383	-	-	-	-	-	
			l/h 4	225	366	-	-	-	-	-	
			l/h 3	224	347	537	635	860	2593	4634	
			l/h 2	222	326	526	619	783	2418	4408	
			l/h 1	212	298	506	590	663	2217	4006	
Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa 7	-	10,0	-	-	-	-	-		
		kPa 6	-	9,9	-	-	-	-	-		
		kPa 5	-	9,7	-	-	-	-	-		
		kPa 4	18,3	9,0	-	-	-	-	-		
		kPa 3	18,2	8,2	21,0	10,8	21,7	20,8	22,3		
		kPa 2	17,9	7,3	20,3	10,4	18,4	18,0	20,4		
		kPa 1	16,6	6,3	18,9	9,5	13,7	15,5	17,3		
70/60 °C 20 °C	Potenza termica Heating capacity Puissance thermique Heizleistung Energía térmica	(E)	W 7	-	5030	-	-	-	-	-	
			W 6	-	5000	-	-	-	-	-	-
			W 5	-	4940	-	-	-	-	-	-
			W 4	2900	4730	-	-	-	-	-	-
			W 3	2890	4490	6930	8200	11110	33410	59740	
			W 2	2860	4210	6800	8010	10110	31150	56820	
			W 1	2740	3850	6530	7620	8560	28560	51630	
	Portata acqua Water flow Débit d'eau Wassermenge Flujo de agua	(E)	l/h 7	-	442	-	-	-	-	-	
			l/h 6	-	439	-	-	-	-	-	
			l/h 5	-	434	-	-	-	-	-	
			l/h 4	255	416	-	-	-	-	-	
			l/h 3	253	394	609	720	976	2935	5247	
			l/h 2	251	369	597	703	888	2737	4990	
			l/h 1	240	338	574	670	752	1509	4536	
Perdite di carico lato acqua Water pressure drop Pertes charge côté eau Wasserseitiger Druckverlust Caídas de presión lado agua	(E)	kPa 7	-	12,3	-	-	-	-	-		
		kPa 6	-	12,2	-	-	-	-	-		
		kPa 5	-	11,9	-	-	-	-	-		
		kPa 4	22,4	11,0	-	-	-	-	-		
		kPa 3	22,2	10,0	25,7	13,3	26,6	24,9	27,2		
		kPa 2	21,9	8,9	24,8	12,7	22,6	22,0	24,9		
		kPa 1	20,2	7,7	23,2	11,7	16,8	18,9	21,1		

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Geräte, die aufgrund von Definitionsgrenzen nicht der Eurovent-Zertifizierung unterliegen - Unidades no sujetas a certificación Eurovent debido a criterios de medida

- 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
- The sound power level test has been performed according to EN 16583:2015 standard / Sound pressure level: 8,6 dB(A) lower than 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
- 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
- Der Test zur Erfassung des Schalleistungspegels 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
- 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

4 tubi - pipes - tubes Leiter - tubos			(3+1)R scambiatore - coil - batterie Wärmetauscher - batería					(4+2)R	
			10	20	30	40	50	60 (*)	70 (*)
Portata aria Air flow Débit d'air Luftstrom Flujo de aire	(E)	m³/h 7	-	939	-	-	-	-	-
		m³/h 6	-	932	-	-	-	-	-
		m³/h 5	-	914	-	-	-	-	-
		m³/h 4	523	855	-	-	-	-	-
		m³/h 3	519	787	1372	1595	2335	4009	7657
		m³/h 2	512	713	1330	1536	2010	3627	7112
		m³/h 1	478	625	1249	1422	1547	3206	6186
Pressione statica Static pressure Pression statique Statischer Druck Presión estática	(E)	Pa 7	-	64	-	-	-	-	-
		Pa 6	-	62	-	-	-	-	-
		Pa 5	-	59	-	-	-	-	-
		Pa 4	54	50	-	-	-	-	-
		Pa 3	52	42	55	56	70	122	121
		Pa 2	50	34	50	50	50	100	100
		Pa 1	44	26	44	42	29	76	77
Livello di potenza sonora aspirazione + radiata Sound power level inlet + radiated Niveaux de puissance acoustique aspiration + rayonné Schallleistungspegel Austritt und Abgestrahlt Nivel de potencia acústica de admisión + resonancia	(E)	dB(A) 7	-	64	-	-	-	-	-
		dB(A) 6	-	63	-	-	-	-	-
		dB(A) 5	-	62	-	-	-	-	-
		dB(A) 4	58	60	-	-	-	-	-
		dB(A) 3	57	59	63	65	67	70	72
		dB(A) 2	57	57	62	64	68	66	67
		dB(A) 1	56	56	60	62	62	61	62
Livello di potenza sonora mandata Sound power level outlet Niveaux de puissance acoustique soufflage Schallleistungspegel Austritt Nivel de potencia sonora de salida	(E)	dB(A) 7	-	63	-	-	-	-	-
		dB(A) 6	-	62	-	-	-	-	-
		dB(A) 5	-	61	-	-	-	-	-
		dB(A) 4	61	60	-	-	-	-	-
		dB(A) 3	61	58	66	66	66	74	75
		dB(A) 2	60	56	65	65	67	69	70
		dB(A) 1	58	55	62	63	63	64	65
Livello di pressione sonora aspirazione + radiata Sound pressure level inlet + radiated Niveau de pression acoustique aspiration + rayonné Schalldruckpegel Eintritt und Abgestrahlt Nivel de presión sonora de admisión + resonancia	(E)	dB(A) 7	-	55	-	-	-	-	-
		dB(A) 6	-	54	-	-	-	-	-
		dB(A) 5	-	53	-	-	-	-	-
		dB(A) 4	49	51	-	-	-	-	-
		dB(A) 3	48	50	54	56	58	61	63
		dB(A) 2	48	48	53	55	59	57	58
		dB(A) 1	47	47	51	53	53	52	53
Livello di pressione sonora mandata Sound pressure level outlet Niveau de pression acoustique soufflage Schalldruckpegel Austritt Nivel de presión sonora de salida	(E)	dB(A) 7	-	54	-	-	-	-	-
		dB(A) 6	-	53	-	-	-	-	-
		dB(A) 5	-	52	-	-	-	-	-
		dB(A) 4	52	51	-	-	-	-	-
		dB(A) 3	52	49	57	57	57	65	66
		dB(A) 2	51	47	56	56	58	60	61
		dB(A) 1	49	46	53	54	54	55	56

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Geräte, die aufgrund von Definitionsgrenzen nicht der Eurovent-Zertifizierung unterliegen - Unidades no sujetas a certificación Eurovent debido a criterios de medida

- 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
- The sound power level test has been performed according to EN 16583:2015 standard / Sound pressure level: 8,6 dB(A) lower than 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
- 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
- Der Test zur Erfassung des Schallleistungspegels wurde gemäß der Norm EN 16583: 2015 durchgeführt / Schalldruckpegel: 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
- 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

Motore asincrono - Asynchronous motor Moteur asynchrone - Asynchronmotor - Motor asincrono			10	20	30	40	50	60 (*)	70 (*)
Potenza assorbita dal motore del ventilatore Motor fan absorbed power Puissance absorbée par le moteur de ventilateur Vom Lüftermotor aufgenommene Leistung Potencia absorbida por el motor del ventilador	(E)	W 7	-	137	-	-	-	-	-
		W 6	-	130	-	-	-	-	-
		W 5	-	126	-	-	-	-	-
		W 4	105	119	-	-	-	-	-
		W 3	106	118	204	265	430	992	1932
		W 2	107	116	173	236	366	861	1615
		W 1	107	112	164	216	299	684	1410
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 7	-	0,64	-	-	-	-	-
		A 6	-	0,63	-	-	-	-	-
		A 5	-	0,59	-	-	-	-	-
		A 4	0,51	0,55	-	-	-	-	-
		A 3	0,51	0,54	1,12	1,36	1,90	4,52	9,00
		A 2	0,51	0,54	0,87	1,14	1,67	3,95	7,90
		A 1	0,49	0,52	0,79	1,07	1,45	3,25	6,50
Tensione di alimentazione Power supply Tension d'alimentation Stromversorgung Tensión de alimentación			~230V / 1ph / 50-60Hz						

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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 (*)
Potenza assorbita dal motore del ventilatore Motor fan absorbed power Puissance absorbée par le moteur de ventilateur Vom Lüftermotor aufgenommene Leistung Potencia absorbida por el motor del ventilador	(E)	W 7	-	118	-	-	-	-	-
		W 6	-	113	-	-	-	-	-
		W 5	-	112	-	-	-	-	-
		W 4	81	92	-	-	-	-	-
		W 3	78	74	161	172	345	656	1285
		W 2	75	58	145	151	224	475	990
		W 1	63	43	124	122	117	336	673
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 7	-	0,99	-	-	-	-	-
		A 6	-	0,98	-	-	-	-	-
		A 5	-	0,97	-	-	-	-	-
		A 4	0,66	0,78	-	-	-	-	-
		A 3	0,61	0,60	1,26	1,22	1,92	2,81	5,52
		A 2	0,58	0,47	1,19	1,04	1,07	2,05	4,26
		A 1	0,48	0,35	1,01	0,88	0,54	1,46	2,93
Tensione di controllo velocità (Vcc) Speed control voltage (Vdc) Tension de contrôle de vitesse (Vcc) Drehzahlregelspannung (Vcc) Voltaje de control de velocidad (Vcc)		V 7	-	8,80	-	-	-	-	-
		V 6	-	8,70	-	-	-	-	-
		V 5	-	8,50	-	-	-	-	-
		V 4	8,70	7,20	-	-	-	-	-
		V 3	8,50	6,00	6,80	6,20	7,20	5,70	5,40
		V 2	8,30	4,80	6,20	5,40	5,90	4,30	4,30
		V 1	7,40	3,00	5,60	4,50	4,40	3,20	3,20
Tensione di alimentazione Power supply Tension d'alimentation Stromversorgung Tensión de alimentación			~230V / 1ph / 50-60Hz						

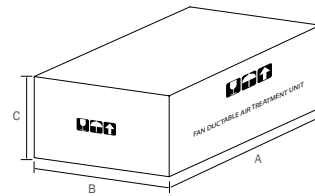
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Weights and packaging

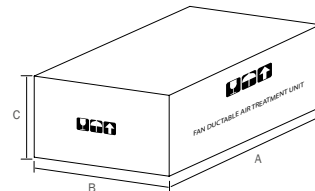
UTC

	dimensioni	peso netto	peso lordo	bancale		
	dimension	net weight	gross weight	L x P [mm]	[n.] unità - units	[kg] tot.
	[mm] (AxBxC)	[kg]	[kg]			
MOD. 10	800 x 640 x 320	24,5	26,0	1300 x 800	10	275
MOD. 20	1210 x 640 x 320	32,5	35,5	1200 x 800	5	192,5
MOD. 30	1310 x 640 x 350	38,0	41,0	1300 x 800	5	220
MOD. 40	1530 x 640 x 350	43,5	46,5	1550 x 800	5	247,5
MOD. 50	1530 x 640 x 400	58,5	61,5	1550 x 800	5	322,5
MOD. 60	1530 x 920 x 700	118,5	118,5	1500 x 1000	2	252
MOD. 70	2200 x 920 x 700	184,0	184,0	2200 x 1000	2	383



UTV

	dimensioni	peso netto	peso lordo	bancale		
	dimension	net weight	gross weight	L x P [mm]	[n.] unità - units	[kg] tot.
	[mm] (AxBxC)	[kg]	[kg]			
MOD. 10	800 x 640 x 340	26,5	28	1300 x 800	10	295
MOD. 20	1210 x 640 x 340	35	38	1200 x 800	5	205
MOD. 30	1310 x 640 x 360	40,5	43,5	1300 x 800	5	232,5
MOD. 40	1530 x 640 x 360	46	49	1550 x 800	4	211
MOD. 50	1530 x 640 x 400	55,5	58,5	1550 x 800	4	249
MOD. 60	1530 x 920 x 750	117	117	1500 x 800	1	132
MOD. 70	2200 x 920 x 750	192	192	2200 x 1000	1	207



UTC

Unità orizzontale / Horizontal unit Unité horizontale / Horizontales gerät / Unidad horizontal			10	20	30	40	50	60	70
Ventilatori-Motori / Fans-Motors / Ventilateur-Moteurs Ventilatoren-Motoren / Ventiladores-Motores	No.		1-1	2-1	2-1	2-1	2-1	1-1	2-2
Batteria standard Standard coil	Ranghi / Rows / Rangs Rohrreihen / Rangos	No.	3	3	3	3	3	4	4
Batterie standard Standardwärmetauscher Bateria estándar	Attacchi / Fittings Raccords / Anschlüsse Conexiones	Ø	1/2"	3/4"	3/4"	3/4"	1"	1" 1/4	1" 1/2
1/4 Batteria ausiliaria 1/4 Auxiliary coil	Ranghi / Rows / Rangs Rohrreihen / Rangos	No.	1	1	1	1	1	2	2
1/4 Batterie auxiliaire 1/4 Zusatzwärmetauscher 1/4 Bateria auxiliar	Attacchi / Fittings Raccords / Anschlüsse Conexiones	Ø	1/2"	1/2"	1/2"	1/2"	1/2"	1"	1" 1/4
Attacco scarico condensa Condensate drain fitting Raccord évaquation condensats Kondensatablaufanschluss Conexión de drenaje de condensado		Ø mm	20	20	20	20	20	20	20
Altezza / Height / Hauteur / Höhe / Altura	H	mm	300	300	325	325	375	675	675
Lunghezza / Length / Longueur / Länge / Longitud	L	mm	740	1090	1190	1430	1430	1480	2170
Profondità / Depth / Profondeur / Tiefe / Profundidad	P	mm	533	533	533	533	533	853	853
	B	mm	548	898	998	1238	1238	1238	1926
	A	mm	197	197	222	222	272	572	572
	M	mm	197	197	222	222	272	392	392
	I	mm	693	1043	1143	1383	1383	1401	2088
	Q	mm	215	215	215	215	215	-	-
N. x Ø BAM			2xØ200	3xØ200	3xØ200	4xØ200	4xØ200	2xØ400	4xØ400
Peso netto / Net weight Poids net / Nettogewicht / Peso neto	kg		25	33	38	44	53	121	192

Mod. 10-50

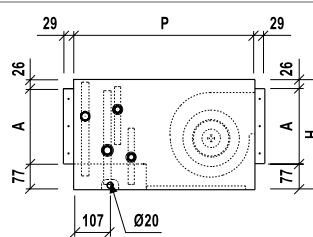
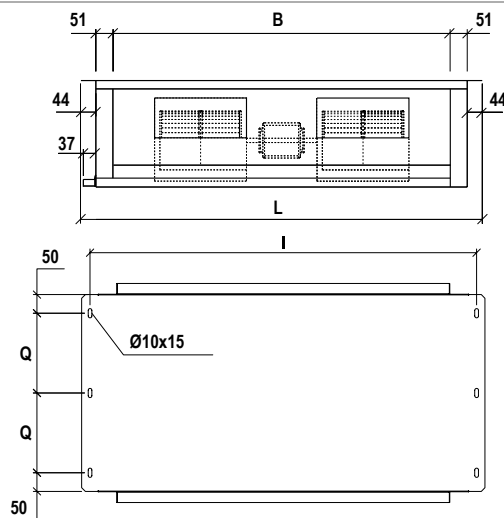


Fig./Pic.: Mod. 30

Mod. 60-70

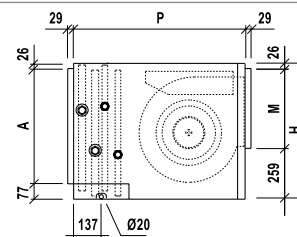
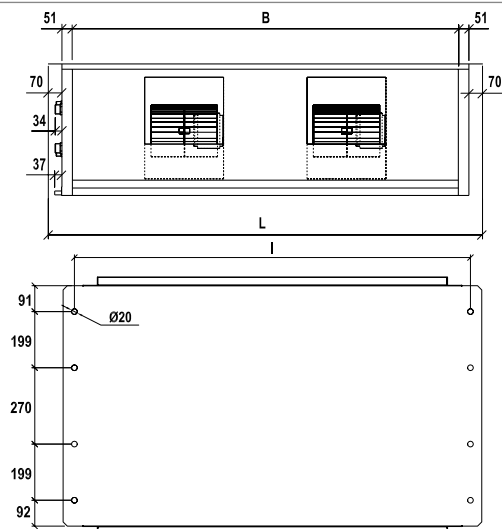
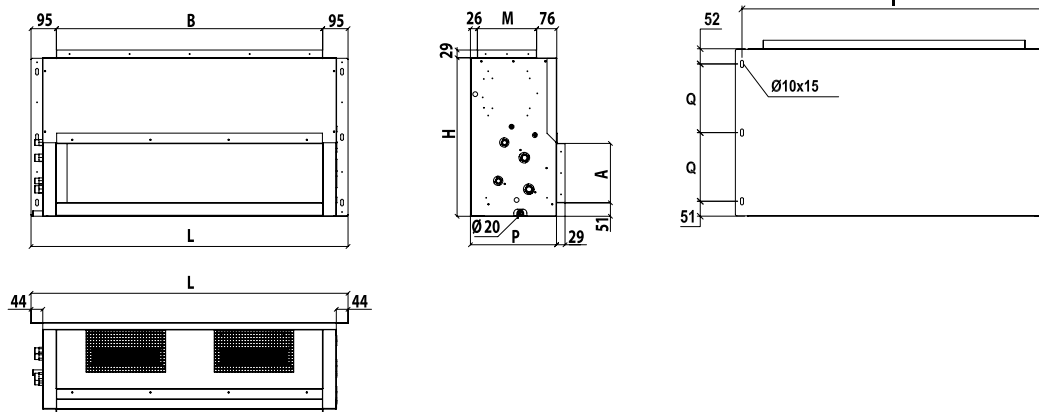


Fig./Pic.: Mod. 70

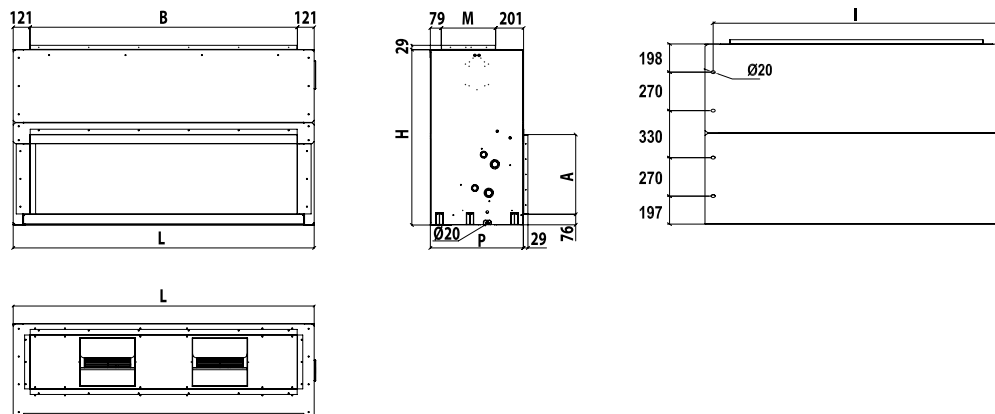
UTV

Unità verticale / Vertical unit Unité verticale / Vertikales Gerät / Unidad vertical		10	20	30	40	50	60	70
Ventilatori-Motori / Fans-Motors / Ventilateur-Moteurs Ventilatoren-Motoren / Ventiladores-Motores	No.	1-1	2-1	2-1	2-1	2-1	1-1	2-2
Batteria standard Standard coil	Ranghi / Rows / Rangs Rohrreihen / Rangos	No.	3	3	3	3	4	4
Batterie standard Standardwärmetauscher Batería estándar	Attacchi / Fittings Raccords / Anschlüsse Conexiones	Ø	1/2"	3/4"	3/4"	3/4"	1"	1" 1/4
1/4 Batteria ausiliaria 1/4 Auxiliary coil	Ranghi / Rows / Rangs Rohrreihen / Rangos	No.	1	1	1	1	2	2
1/4 Batterie auxiliaire 1/4 Zusatzwärmetauscher 1/4 Batería auxiliar	Attacchi / Fittings Raccords / Anschlüsse Conexiones	Ø	1/2"	1/2"	1/2"	1/2"	1"	1" 1/4
Attacco scarico condensa Condensate drain fitting Raccord évacuation condensats Kondensatablaufanschluss Conexión de drenaje de condensado	Ø mm	20	20	20	20	20	20	20
Altezza / Height / Hauteur / Höhe / Altura	H mm	573	573	643	643	693	1265	1265
Lunghezza / Length / Longueur / Länge / Longitud	L mm	740	1090	1190	1430	1430	1480	2170
Profondità / Depth / Profondeur / Tiefe / Profundidad	P mm	300	300	325	325	375	672	672
	B mm	548	898	998	1238	1238	1238	1926
	A mm	197	197	222	222	272	572	572
	M mm	197	197	222	222	272	392	392
	I mm	693	1043	1143	1383	1383	1401	2088
	Q mm	235	235	270	270	295	-	-
N. x Ø BAM		2xØ200	3xØ200	3xØ200	4xØ200	4xØ200	2xØ400	4xØ400
Peso netto / Net weight Poids net / Nettogewicht / Peso neto	kg	27	35	41	46	56	117	192

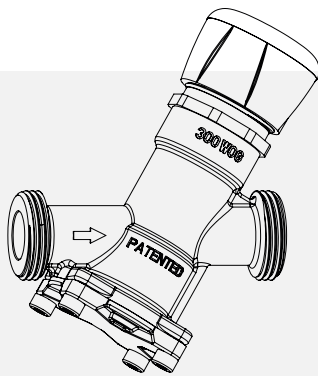
Mod. 10-50



Mod. 60-70



Independent balancing valve



This type of valve combines two functions in a single valve, keeps the flow rate constant as the system pressure changes and at the same time regulates the flow according to the temperature, allowing perfect balancing of the hydraulic system, ensuring for each fan coil unit the desired water flow even under partial loads.

The adjustment can be performed automatically through the installation of a linear ON / OFF or modulating actuator.

Main advantages:

- Simplified selection
- Easy installation
- High valve authority which remains constant
- Constant flow rate as the differential pressure changes
- Optimized installation by measuring the set pressure
- Energy efficiency thanks to the low differential pressure required
- Maintenance of the set water flow even at partial loads
- Optimization of pump speed using pressure taps (optional)
- Preset locked by hooking

Valve performance technical data

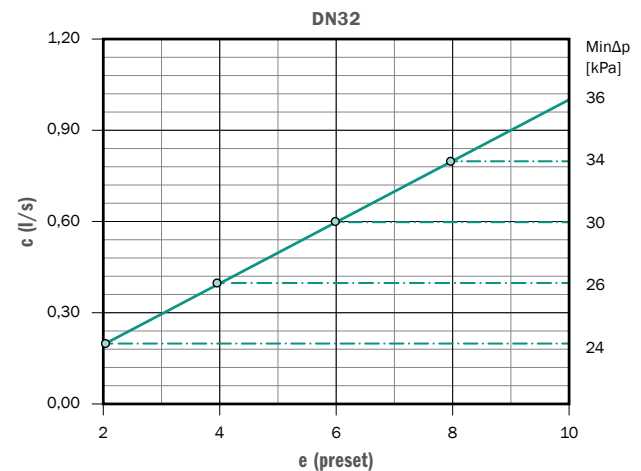
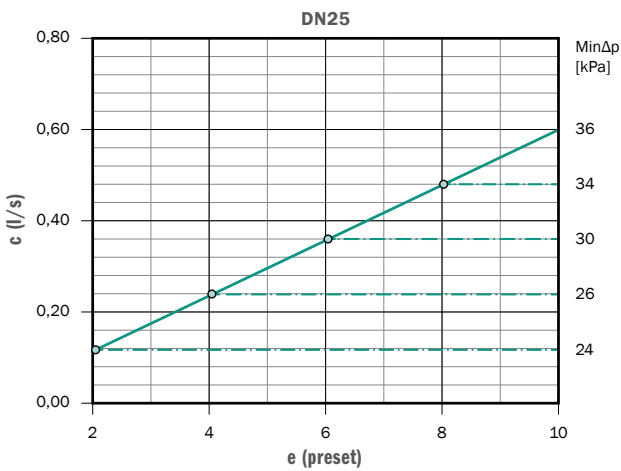
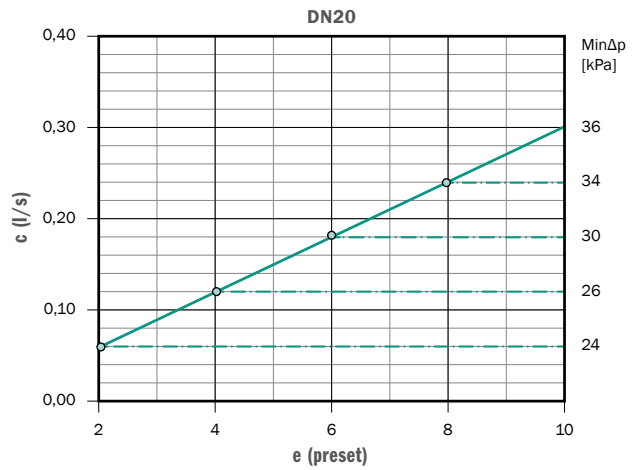
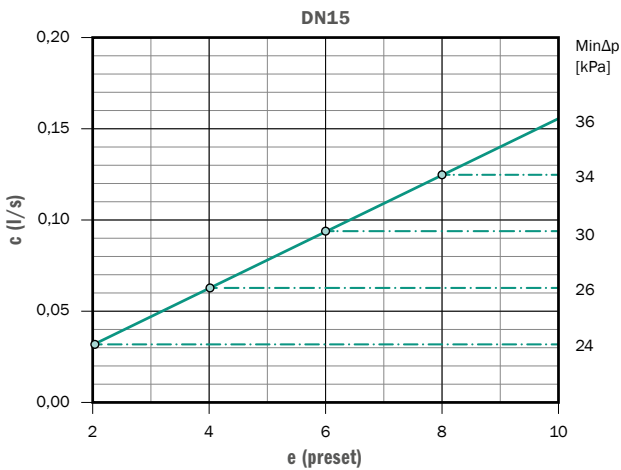
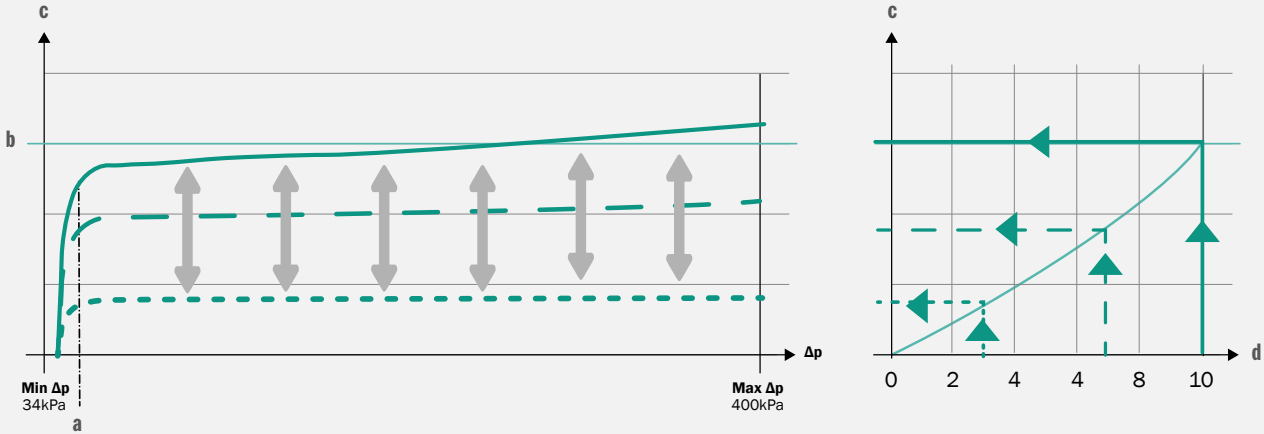
2 tubi - pipes - tubes Leiter - tubos			10	20	30	40	50	60	70
	DN		DN 15	DN 20	DN 25	DN 25	DN 25	-	-
Attacchi idraulici - Hydraulic connections Raccords hydrauliques - Hydraulikanschlüsse - Conexiones hidráulicas	ø		3/4"	1"	1"1/4	1"1/4	1"1/4	-	-
Portata acqua valvola - Valve water flow Débit d'eau valve - Wassermenge am Ventil - Caudal de agua de la válvula	l/s	min-max	0,030-0,150	0,062-0,311	0,12-0,6	0,12-0,6	0,12-0,6	-	-
Portata acqua unità - Unit water flow Débit d'eau unité - Wasserdurchfluss des Gerätes - Caudal de agua de la unidad	l/s	min	0,126	0,181	0,318	0,371	0,399	0,977	1,764
		max	0,135	0,248	0,340	0,405	0,538	1,167	2,097

For technical data related to size 6 and 7 please contact the sales department.

4 tubi (scambiatore ausiliario) - pipes (auxiliary coil) tubes (batterie auxiliaire) - Leiter (Zusatzwärmetauscher) - tubos (batería auxiliar)			10	20	30	40	50	60	70
	DN		DN 15	DN 15	DN 20	DN 20	DN 20	DN 32	-
Attacchi idraulici - Hydraulic connections Raccords hydrauliques - Hydraulikanschlüsse - Conexiones hidráulicas	ø		3/4"	3/4"	1"	1"	1"	1"1/2	-
Portata acqua valvola - Valve water flow Débit d'eau valve - Wassermenge am Ventil - Caudal de agua de la válvula	l/s	min-max	0,030-0,150	0,030-0,150	0,062-0,311	0,062-0,311	0,062-0,311	0,200-1,000	-
Portata acqua unità - Unit water flow Débit d'eau unité - Wasserdurchfluss des Gerätes - Caudal de agua de la unidad	l/s	min	0,059	0,083	0,141	0,164	0,184	0,616	1,113
		max	0,071	0,123	0,169	0,200	0,271	0,815	1,458

Presetting and nomograms

In accordance with the principles of dynamic balancing, presetting allows you to set the maximum flow rate of the valve, i.e. the flow rate which will be kept constant within the differential pressure range of use, with the valve fully open. The presetting affects the minimum differential pressure of use of the valve.



UTC/UTV
UTC/UTV-ECM

a	Funzione di prerogolazione / Preset function / Fonction de pré-réglage / Voreingestellte Funktion / Función preestablecida
b	Portata prerogolata / Preset flow rate / Débit pré-réglé / Voreingestellte Durchflussmenge / Caudal preestablecido
c (l/s)	Portata / Flow / Débit / Durchflussrate / Caudal
d	Segnale / Signal / Signal / Signal / Señal
e	Prerogolazione / Preset / Pré-réglage / Voreinstellung / Preajuste

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.

Electr

Pure Life System - UTC/UTV

Available for all 7 models.

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

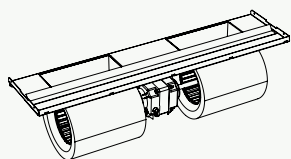
This innovative solution is characterized not only by its high filtration efficiency (comparable to a mechanical F9 class filter) but also by considering the reduction in energy consumption, provided primarily by a significant decrease in pressure drops, which distinguish this filtration system from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

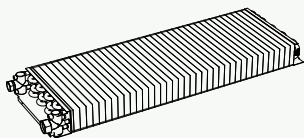
The series can be equipped with a wide range of accessories specifically designed and selected to be able to offer the customer solutions that can respond to every system requirement.

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.



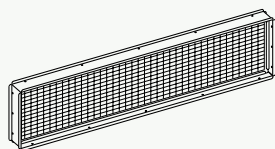
Fan section:

the version can be equipped also with high performance motor or special motor with fail contact. On demand also motor with particular specifications.



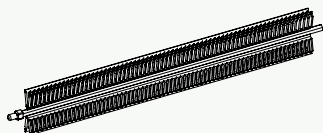
Coils:

4 or 6-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.



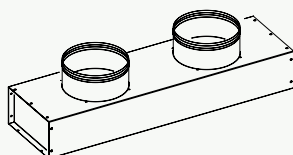
air filter section kit consisting of a regenerable filter and metal frame for fixing to the unit. Wide range of regenerable filters made of synthetic filter fabric and galvanized steel frame with different efficiency classes including G3 * / EU3 **, G2 * / EU2 ** with activated carbon, G4 * / EU4 ** or filter with aluminum mesh class G1 * / EU1 **. The filters are 25 mm (size 10 ÷ 50) and 48 mm (size 60-70) thick.

Also available is the innovative electronic filter that allows complete air purification and at the same time ensures high efficiencies thanks to minimal pressure drops. (* according to EN779 / ** according to Eurovent)



Section with electric heaters:

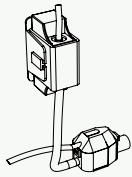
heater kit from 4500W to 18000W, equipped with safety thermostat, 400Vac/3Ph+N/50-60Hz.



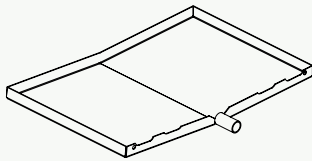
Plenum:

wide range of plenums, ducts, return / supply vents and flexible connection for every installation requirement.

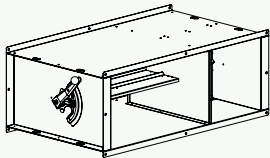
Fully customized plenums can also be made on request.



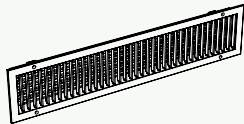
Auxiliary condensate drain pump



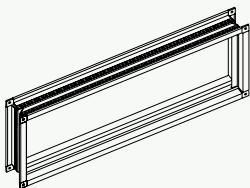
Auxiliary drain pan
hot painted galvanized steel



Air lower section
(primary air, max 33%), can also be equipped with servomotor for motorized opening.



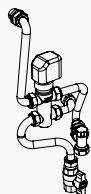
Grills:
supply or intake grills adjustable or fixed type made of anodized aluminium, also in the version already complete with integrated filter.
The grills can also be painted on request with the RAL color of your choice.



Antivibrating joint

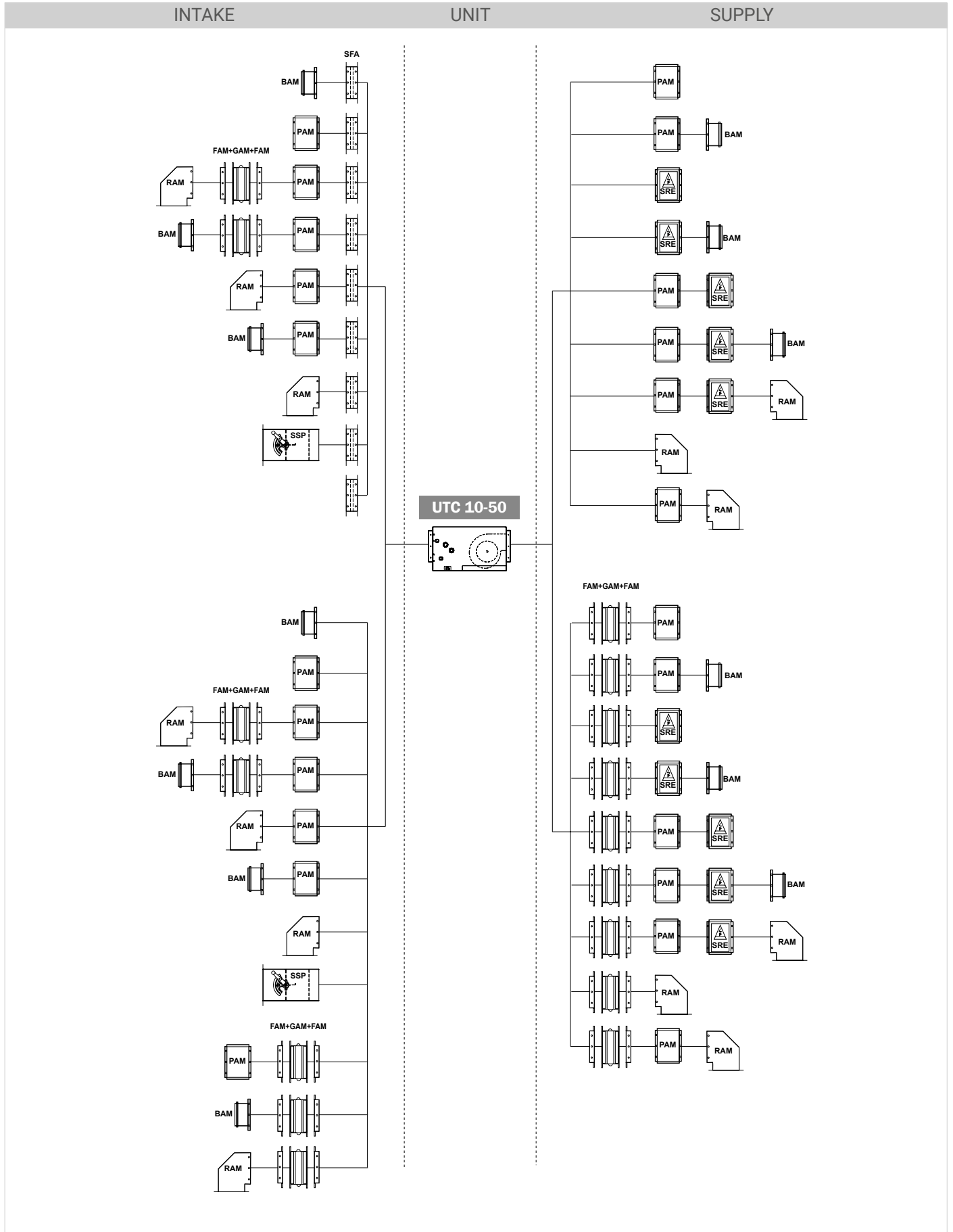


Control:
wide range of control devices and related accessories that allow you to manage the correct room temperature. Multiple solutions available based on the installation type, the required performances and the type of investment.



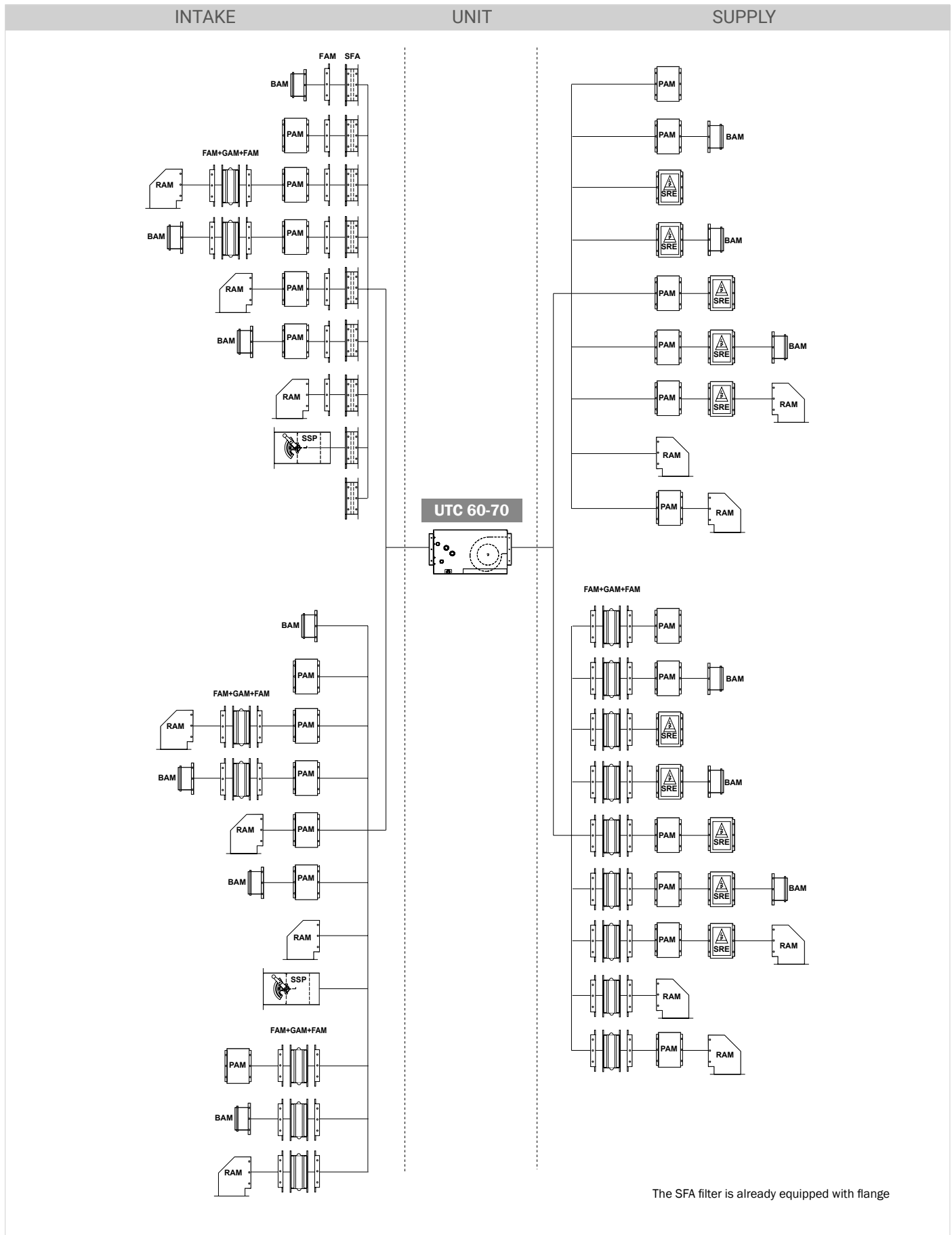
Valves:
wide range of valves, on / off, modulating, floating, two and three ways, which can be supplied already installed and tested or supplied pre-assembled but loose. Also available are the innovative dynamic balancing valves that guarantee effective flow stabilization by controlling the differential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

Example of ducting accessories application



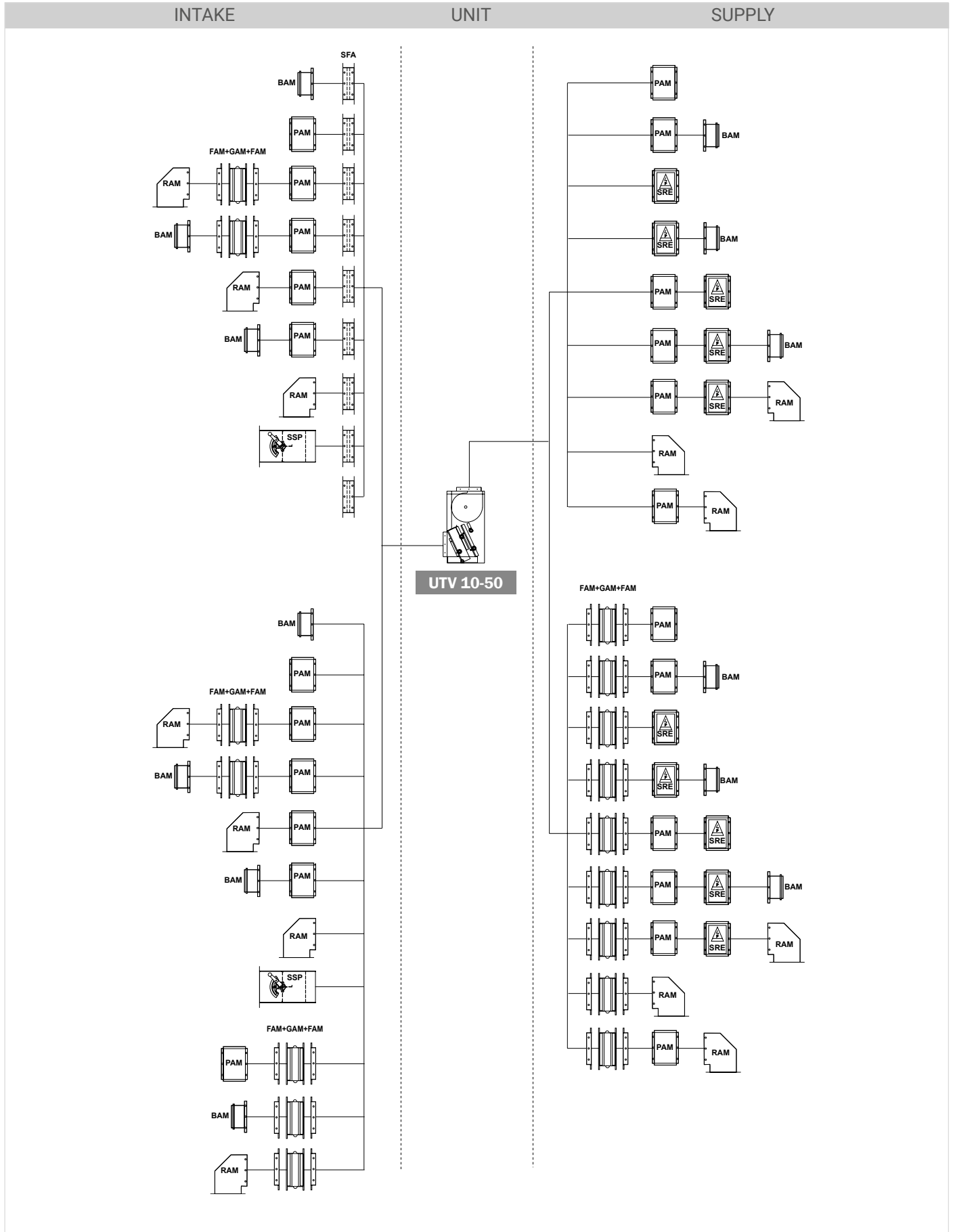
UTC/UTV
UTC/UTV-ECM

Example of ducting accessories application



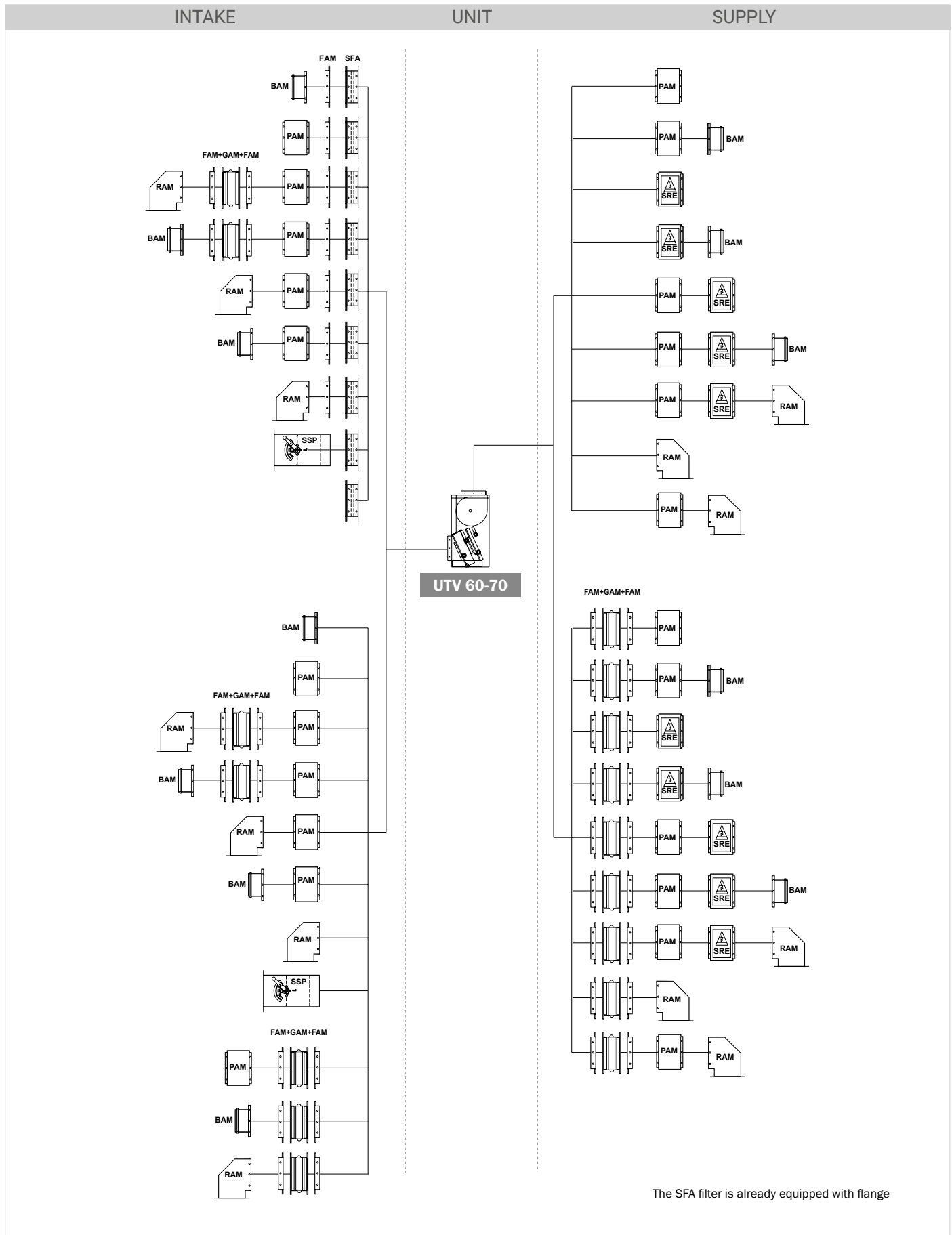
UTC/UTV
UTC/UTV-ECM

Example of ducting accessories application



UTC/UTV
UTC/JTV-ECM

Example of ducting accessories application



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UTC/UTV-ECM

Compatibility of controls

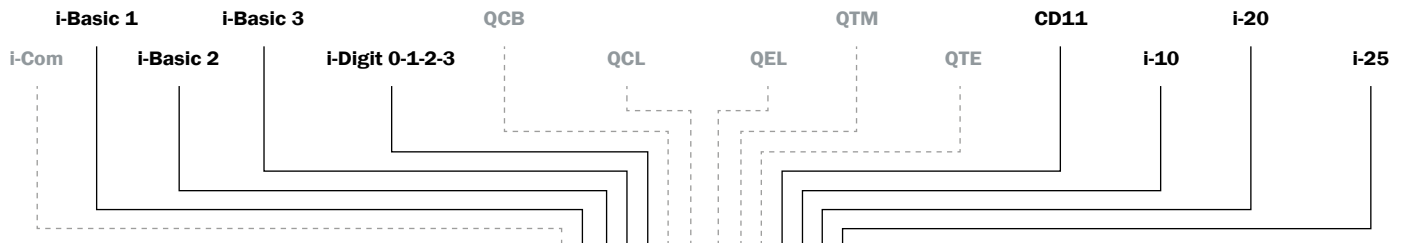
For the complete specifications of the controls, please refer to the part relating to the controls, available from page 298.

503FA	<ul style="list-style-type: none"> - 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 	i-Basic 3	<ul style="list-style-type: none"> - 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
CD11	<ul style="list-style-type: none"> - Comando senza regolazione di temperatura - Control without temperature control - Commande sans réglage de température - Steuerung ohne Temperaturregelung - Control sin regulación de temperatura 	i-Com	<ul style="list-style-type: none"> - 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
COM-B	<ul style="list-style-type: none"> - 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 	i-Digit 0-1-2-3	<ul style="list-style-type: none"> - 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
COM-V	<ul style="list-style-type: none"> - 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 Schiebeselector Vimar - Conmutador de 3 velocidades con selector deslizante Vimar 	IR-C	<ul style="list-style-type: none"> - 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)
FAN01	<ul style="list-style-type: none"> - Regolatore per fan coil configurabile con protocollo di comunicazione BACnet - Configurable fan coil controller with BACnet communication protocol - Régulateur pour ventilconvecteur configurable avec protocole de communication BACnet - Regler für Gebläsekonvektor konfigurierbar über Kommunikationsprotokoll BACnet - Controlador fancoil configurable con protocolo de comunicación BACnet 	IR-T	<ul style="list-style-type: none"> - 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)
i-10	<ul style="list-style-type: none"> - 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) 	QCB	<ul style="list-style-type: none"> - Quadro comando base - Base control panel - Panneau de contrôle base - Basisbediengerät - Panel de control base
i-20	<ul style="list-style-type: none"> - 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) 	QCL	<ul style="list-style-type: none"> - Quadro comando base in lamiera - Sheet base control panel - Panneau de contrôle base en tôle - Basisbediengerät aus Metall - Panel de control base en chapa
i-25	<ul style="list-style-type: none"> - 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) 	QEL	<ul style="list-style-type: none"> - Quadro comando base in lamiera - Sheet base control panel - Panneau de contrôle base en tôle - Basisbediengerät aus Metall - Panel de control base en chapa
i-30	<ul style="list-style-type: none"> - 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 	QTE	<ul style="list-style-type: none"> - Quadro comando base con termostato ambiente elettronico - Base control panel with electronic room thermostat - Panneau de contrôle base avec thermostat ambient électronique - Basisbediengerät mit elektronischem Raumthermostat - Panel de control base con termostato ambiente electrónico
i-50	<ul style="list-style-type: none"> - 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 	QTM	<ul style="list-style-type: none"> - Quadro comando base con termostato ambiente elettromeccanico (a bulbo) - Base control panel with room electromechanical temperature bulb thermostat - Panneau de contrôle base avec thermostat ambient électromécanique (à bulbe) - Basischalttafel mit elektromechanischem Raumtempertur-Thermostat (mit Stabfühler) - Panel de control base con termostato ambiente electromecánico (a bulbo)
i-60	<ul style="list-style-type: none"> - 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 	RWIECM 1-2	<ul style="list-style-type: none"> - Interfaccia utente a parete - Wall user interface - Interface utilisateur mural - Wandmontiertes Bediengerät - Interfaz de usuario de pared
i-70	<ul style="list-style-type: none"> - 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) 	S-MOD	<ul style="list-style-type: none"> - Sistema di supervisione - Supervision system - Système de supervision - Überwachungssystem - Sistema de supervisión
i-Basic 1	<ul style="list-style-type: none"> - 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 	TRI/F1 2.0	<ul style="list-style-type: none"> - 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 Bedienfeld mit MODbus-Kommunikationsprotokoll - Control con mando IR o interfaz de pared con protocolo de comunicación MODbus
i-Basic 2	<ul style="list-style-type: none"> - Termostato elettronico analogico - Analog electronic thermostat - Thermostat électronique analogique - Analoger elektronischer Thermostat für Geräte mit 2-Leiter oder 4-Leiter-System - Termostato electrónico analógico 		

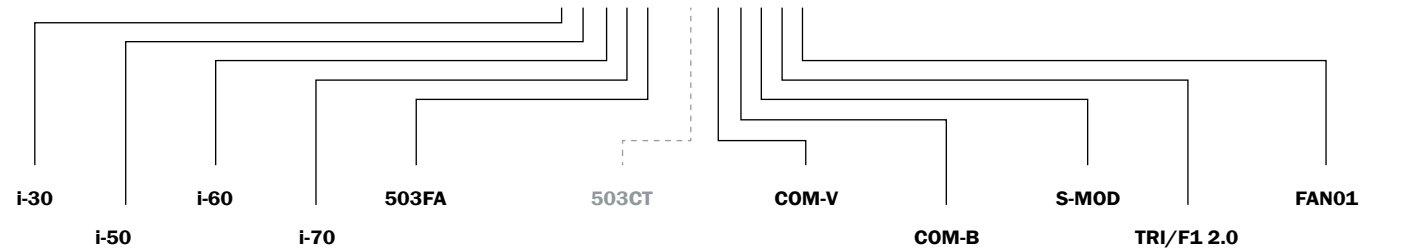
Compatibility of controls

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

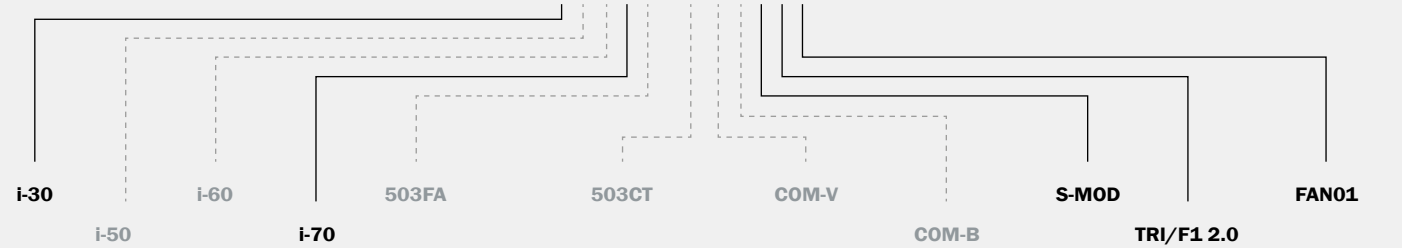
	i-Com	i-Basic 1	i-Basic 2	i-Basic 3	i-Digit 0-1-2-3	TRI/F1 2.0	CD11	i-10	i-20	i-25	i-30	i-50	i-60	i-70	503FA	503BUS+DIN5	S-MOD	FAN01
Mod. 10	-	-	○	○	○	-	-	-	-	-	○	○	○	○	○	-	○	○
Mod. 20	-	-	○	○	○	-	-	-	-	-	○	○	○	○	○	-	○	○
Mod. 30	-	○	○	○	○	-	-	-	-	-	○	○	○	○	○	-	○	○
Mod. 40	-	○	○	○	○	-	-	-	-	-	○	○	○	○	○	-	○	○
Mod. 50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	●	●
Mod. 60	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	●	●
Mod. 70	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	●	●



UTC/UTV



UTC/UTV-ECM



- Compatible
Compatible
Compatible
Kompatibel
Compatible
- - - Non compatible
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)

UTC/UTV
UTC/UTV-ECM

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 termostato - 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

The diagrams, the descriptions and the pictures shown herein are merely indicative and in no way binding. In order to continuously improve and in view of constant research and development, A GROUP S.p.A. reserves the right to modify, also without prior notice, technical data and all the contents included in this document.

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