

UTC - UTV

Unité de traitement d'air gainable

Ductable air treatment unit

Identité

- Type machine**
Unité de traitement d'air gainable
- Structure portante**
Acier galvanisé isolé
- Groupe moto-ventilateur**
Ventilateur centrifuge à double aspiration
- Moteur électrique**
Asynchrone monophasé
- Filtre air**
Non inclus
Disponible en accessoire
- Batterie d'échange**
Tube en cuivre avec ailettes en aluminium
- Connexions hydrauliques**
Gauche
Droite (sur demande)
- Panneau de contrôle**
-
- Bornier**
Inclus
- Certifications**



UTC

UTV



Identity

- Unit type**
Ductable air treatment units
- Structure**
Galvanized steel sheet insulated
- Fan group**
Double-inlet centrifugal fans
- Electric motor**
Asynchronous single-phase
- Air filter**
Not included
Optional
- Coil**
Copper pipe into aluminium fins in continuous block
- Hydraulic connections**
Left
Right (on request)
- Control panel**
-
- Terminal board**
Included
- Certifications**



Description unité

- Les unités de traitement d'air gainables sont disponibles en 2 versions et 7 tailles.
- Les unités sont particulièrement adaptées pour une utilisation dans les petites installations de climatisation centralisée où la distribution se fait à travers un petit réseau de gaines.
- L'épaisseur réduite en hauteur (surtout pour les 5 premiers modèles) rend l'unité appropriée pour une installation dans les faux plafonds ou faux-planchers.

Unit description

- The ductable air treatment units are available in 2 versions and 7 sizes.
- Units are extremely suitable for small centralized conditioning systems connected with a small ducting network.
- The small height of these units, make them the convenient solution for false ceiling installation.

Composition unité standard

- Structure portante**
Tôle de forte épaisseur en acier galvanisé (1,5 mm), il est isolé sur toutes les parties en contact direct avec l'air traité.
Le bac de condensats en acier galvanisé est isolé et doté d'un bouchon de vidange permettant la vidange complète.
Points d'ancrages sur le dessus pour faciliter la fixation et la mise à niveau de l'unité.
- Groupe moto-ventilateur**
Les ventilateurs centrifuges sont : horizontaux, à double entrées, en aluminium, équilibrés statiquement et dynamiquement. Simple moteur monophasé 3 vitesses avec protection contre les surcharges.
Moteur directement accouplé au ventilateur et amorti par des supports flexibles pour diminuer les nuisances sonores.
- Filtre air**
Disponible en accessoire.
Filtre en tissu polyester entourée d'un cadre en métal pour un retrait facile et le nettoyage.
Efficacité de filtration du modèle standard: G3.
Différents degrés de filtration disponibles sur demande.
- Batterie d'échange thermique**
Echangeur batterie avec tubes cuivre et ailettes en aluminium expansées sur le faisceau de tubes. Collecteurs en cuivre équipé de raccords mâle (filetage GAZ) et d'une purge facilement accessible.
Raccordements hydrauliques situés sur la gauche (en regardant l'unité face à l'aspiration d'air).
Sur demande peut être livré à droite.
Pour un bon fonctionnement des modèles UTC-UTV 60-70 il est nécessaire de garantir une perte de charge minimum de 60 Pa.
Les unités UTC-UTV 60-70 ne peuvent pas fonctionner à pression nulle.

Standard unit composition

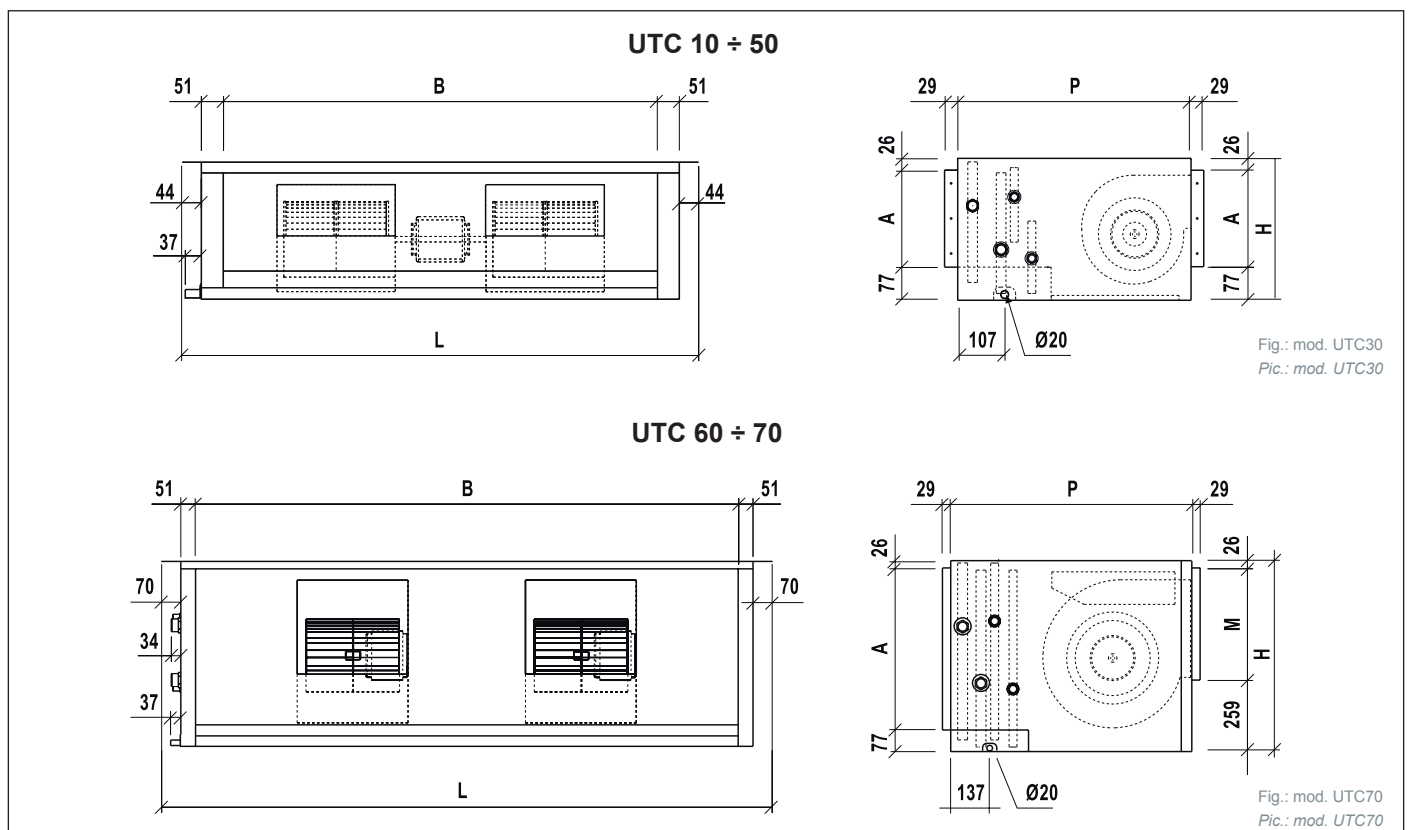
- Structure**
Made of heavy gauge galvanized steel (1,5 mm) it is insulated in all parts in direct contact with the conditioned air.
Insulated condensate tray made of galvanized steel, complete with drain plug for complete drainage.
Ceiling-anchoring slots for easy fixing and levelling of the unit.
- Fan group**
Double-inlet centrifugal fans with statically and dynamically balanced horizontally-oriented aluminium impellers.
Single-phase asynchronous electric motor with overload cutout. The motor with three speeds is directly coupled to the fans and cushioned with flexible mountings to ensure low noise.
- Air filter**
Filtering Polyester fabric enclosed within a metal frame to facilitate withdrawal and cleaning.
Filtering rate of the standard model: EU3.
Available with different filtering rate on request.
- Coil**
Coils are made of copper pipe expanded into aluminium fins.
Copper headers with male fittings (GAS threads) and easily accessible air vents.
In the standard version, the water connections are located on the left (looking at the air outlet).
On request, the water connections can be placed on the right side of the unit.

To ensure a correct functioning of the units UTC-UTV 60-70 it's necessary to guarantee a minimum air pressure loss of 60 Pa.
UTC-UTV 60-70 cannot be used at free discharge.

■ Dimensions générales / General dimensions

			10	20	30	40	50	60	70	
Ventilateur Fans	No.		1-1	2-1	2-1	2-1	2-1	1-1	2-2	
Batterie standard Standard coil	Rangs Rows	No.	3	3	3	3	3	4	4	
	Connexions Fittings	Ø	1/2"	1/2"	3/4"	3/4"	1"	1"1/4	1"1/2	
Batterie auxiliaire Auxiliary coil	Rangs Rows	No.	1	1	1	1	1	2	2	
	Connexions Fittings	Ø	1/2"	1/2"	1/2"	3/4"	3/4"	1"	1"1/4	
Evacuation des condensats Condensate drain fitting			20	20	20	20	20	20	20	
Hauteur Height	H	mm	300	300	325	325	375	675	675	
	Largeur Lenght	L	mm	740	1090	1190	1430	1430	1480	2170
		Profondeur Depth	P	mm	533	533	533	533	853	853
B	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	302	302	
N. x Ø BAM			2xØ200	3xØ200	3xØ200	4xØ200	4xØ200	2xØ400	4xØ400	
Poids net Net weight	kg		28	36	41	46	57	117	192	

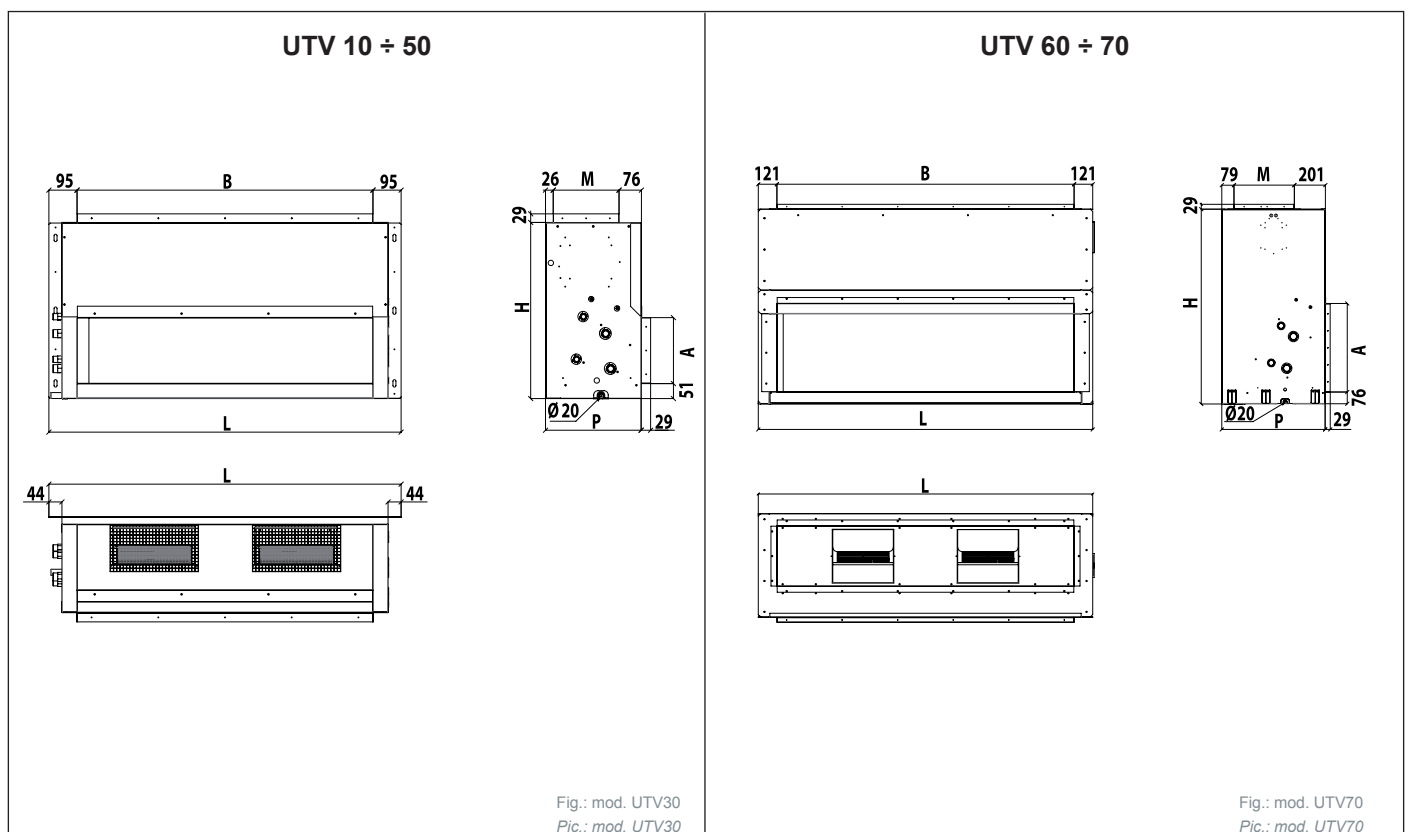
■ Dimensions / Dimensional



■ Dimensions générales / General dimensions

			10	20	30	40	50	60	70			
Ventilateur Fans	No.		1-1	2-1	2-1	2-1	2-1	1-1	2-2			
Batterie standard Standard coil	Rangs Rows	No.	3	3	3	3	3	4	4			
	Connexions Fittings	Ø AF	1/2"	1/2"	3/4"	3/4"	1"	1"1/4	1"1/2			
Batterie auxiliaire Auxiliary coil	Rangs Rows	No.	1	1	1	1	1	2	2			
	Connexions Fittings	Ø AC	1/2"	1/2"	1/2"	1/2"	3/4"	1"	1"1/4			
Attacco scarico condensa Condensate drain fitting			20	20	20	20	20	20	20			
Hauteur Height	H	mm	573	573	593	593	693	1260	1260			
			Largeur Lenght	L	mm	740	1090	1090	1430	1430	1480	2170
						Profondeur Depth	P	mm	300	300	325	325
B	mm	546	896	996	1236				1236	1240	1927	
		A	mm	195	195	220	220	270	574	574		
				M	mm	195	195	220	220	270	302	302
N. x Ø BAM			2xØ200			3xØ200	3xØ200	4xØ200	4xØ200	2xØ400	4xØ400	
Poids net Net weight	kg		28	36	41	46	57	117	192			

■ Dimensions / Dimensional



UTC 10 - 50 BATTERIE 3 RANGS - 3 ROWS COIL

	Pf Cool. cap.	Pc Heat cap.	Débit air Air flow	Pw Sound pow.	L	H	P	Code Code	€
	(7/12°C) kW	(50°C) kW	m³/h	dB(A)	mm	mm	mm		
UTC10	3.83	5.02	895	66	740	300	533	A0020020010	870
UTC20	7.05	8.61	1424	65	1090	300	533	A0020020020	1136
UTC30	9.20	11.3	1951	69	1190	325	533	A0020020030	1284
UTC40	10.6	12.94	2131	69	1430	325	533	A0020020040	1372
UTC50	13.1	17.0	3000	75	1430	375	533	A0020020050	1917

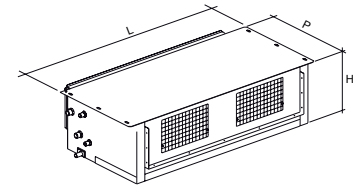


Fig.: mod. UTC30
Pic.: mod. UTC30

UTC 60 - 70 BATTERIE 4 RANGS - 4 ROWS COIL

	Pf Cool. cap.	Pc Heat cap.	Débit air Air flow	Pw Sound pow.	L	H	P	Code Code	€
	(7/12°C) kW	(50°C) kW	m³/h	dB(A)	mm	mm	mm		
UTC60	27.8	32.9	4678	78	1480	675	853	A0020020060	3346
UTC70	50.6	60.9	9250	81	2170	675	853	A0020020070	6312

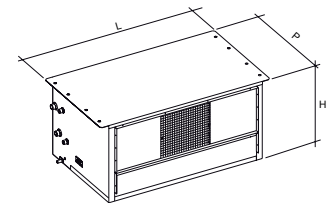


Fig.: mod. UTC60
Pic.: mod. UTC60

UTV 10 - 50 BATTERIE 3 RANGS - 3 ROWS COIL

	Pf Cool. cap.	Pc Heat cap.	Débit air Air flow	Pw Sound pow.	L	H	P	Code Code	€
	(7/12°C) kW	(50°C) kW	m³/h	dB(A)	mm	mm	mm		
UTV10	3640	4972	837	68	740	573	300	A0020020012	931
UTV20	7046	8512	1423	66	1090	573	300	A0020020022	1216
UTV30	9198	11210	1951	70	1190	593	325	A0020020032	1375
UTV40	10599	12800	2131	69	1430	593	325	A0020020042	1468
UTV50	13091	16818	3002	75	1430	693	375	A0020020052	2050

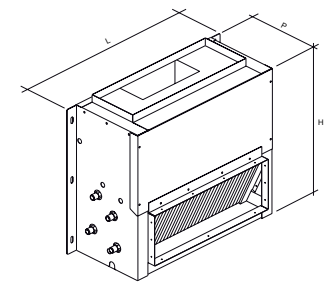


Fig.: mod. UTV10
Pic.: mod. UTV10

UTV 60 - 70 BATTERIE 4 RANGS - 4 ROWS COIL

	Pf Cool. cap.	Pc Heat cap.	Débit air Air flow	Pw Sound pow.	L	H	P	Code Code	€
	(7/12°C) kW	(50°C) kW	m³/h	dB(A)	mm	mm	mm		
UTV60	27812	32430	4678	78	1480	1260	672	A0020020062	3580
UTV70	50638	60111	9250	81	2170	1260	672	A0020020072	6755

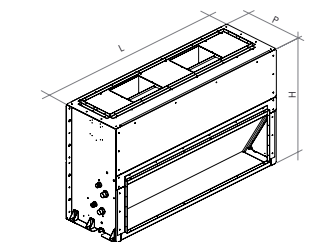
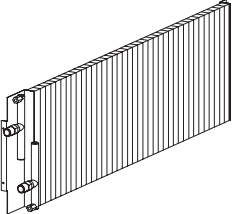
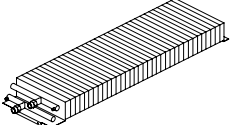
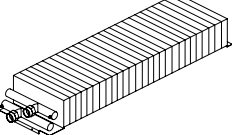
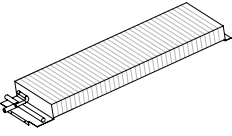
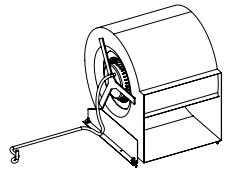


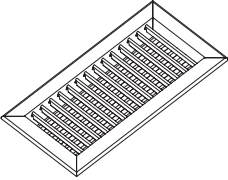
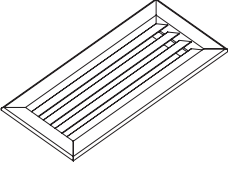
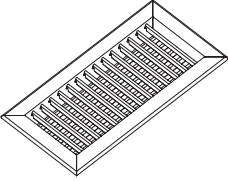
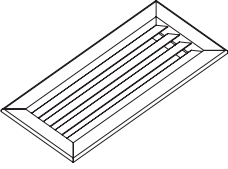
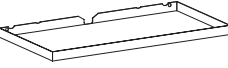
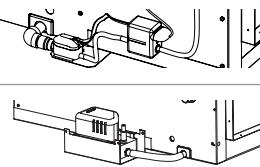
Fig.: mod. UTV70
Pic.: mod. UTV70

- Supplément prix de +20% pour panneau externe en acier laqué - For pre-painted sheet external panels: +20% extra price
- Supplément prix de +35% pour double isolation - For double-skin: +35% extra price

ACCESSOIRES - ACCESSORIES

		Modèle <i>Model</i>	Données techniques <i>Technical data</i>			Code <i>Code</i>	€
 <p>Batterie chaude auxiliaire pour système à 4 tubes</p> <p><i>Auxiliary coil for 4 pipe system</i></p>	UTC-UTV 10	1 R	4184 W	(70/60°C)	A0055560034	187	
	UTC-UTV 20	1 R	6996 W	(70/60°C)	A0055560035	271	
	UTC-UTV 30	1 R	9152 W	(70/60°C)	A0055560036	283	
	UTC-UTV 40	1 R	10540 W	(70/60°C)	A0055560037	314	
	UTC-UTV 50	1 R	13986 W	(70/60°C)	A0055560038	364	
	UTC-UTV 60	2 R	38831 W	(70/60°C)	A0055560047	798	
	UTC-UTV 70	2 R	70196 W	(70/60°C)	A0055560048	1223	
PLUS VALUE - EXTRA PRICE	 <p>Batterie froide 4 rangs pour système 2 ou 4 tubes</p> <p><i>4 rows coil for 2 or 4 pipe system</i></p>	UTC-UTV 10	4600 W	(7/12°C)	A0055560058	135	
UTC-UTV 20		8000 W	(7/12°C)	A0055560059	171		
UTC-UTV 30		10600 W	(7/12°C)	A0055560060	199		
UTC-UTV 40		12300 W	(7/12°C)	A0055560061	220		
UTC-UTV 50		16100 W	(7/12°C)	A0055560062	275		
PLUS VALUE - EXTRA PRICE	 <p>Batterie froide 6 rangs pour système à 2 tubes</p> <p><i>6 rows coil for 2 pipe system</i></p>	UTC-UTV 10	5440 W	(7/12°C)	A0055560070	264	
UTC-UTV 20		9200 W	(7/12°C)	A0055560071	362		
UTC-UTV 30		12300 W	(7/12°C)	A0055560072	447		
UTC-UTV 40		14500 W	(7/12°C)	A0055560073	476		
UTC-UTV 50		19600 W	(7/12°C)	A0055560074	705		
UTC-UTV 60		32600 W	(7/12°C)	A0055560075	689		
UTC-UTV 70		61300 W	(7/12°C)	A0055560076	1099		
PLUS VALUE - EXTRA PRICE	 <p>Batterie détente directe - R407C Température d'évaporation : 5°C Surchauffe : 3°C Température de condensation : 45°C Sous refroidissement : 10°C Température air : 27°C Umidité relative : 47°C</p> <p><i>Direct expansion coil - R407C</i> Evaporation temperature: 5°C Overheating: 3°C Condensation temperature: 45°C Sub-cooling: 10°C Air temperature: 27°C Relative humidity: 47°C</p>	UTC-UTV 10	4740 W	3R - 3C	A0055560089	121	
UTC-UTV 20		8120 W	3R - 3C	A0055560090	156		
UTC-UTV 30		10600 W	3R - 4C	A0055560091	191		
UTC-UTV 40		12100 W	3R - 4C	A0055560092	191		
UTC-UTV 50		15900 W	3R - 6C	A0055560093	181		
UTC-UTV 60		32200 W	4R - 13C	A0055560094	278		
UTC-UTV 70		57800 W	4R - 20C	A0055560095	511		
PLUS VALUE - EXTRA PRICE		<p>Moteur haute pression</p> <p><i>High pressure motor</i></p>	UTC-UTV 10	EMI C127.09		A0055660032	31
UTC-UTV 20	EMI C128.09		A0055660033	35			
UTC-UTV 30	EMI C129.09		A0055660034	42			
UTC-UTV 40	EMI C130.09		A0055660035	42			
UTC-UTV 50	EMI 250 180 6,3µF (2878)		A0055660045	28			
UTC-UTV 50	EMI 600 200 10µF (2843)		A0055660012	49			
UTC-UTV 50	EMI 600 215 12,5µF (2880)		A0055660044	112			
UTC-UTV 50	EMI 600 215 16µF (2869)		A0055660013	112			
 <p>Moteur spécial avec protection thermique externe (modèle 60 et 70 sur demande)</p> <p><i>Special motor with fail contact (mod. 60 and 70 on request)</i></p>	UTC-UTV 10	(FAIL CONTACT)		A0055660046	58		
	UTC-UTV 20	(FAIL CONTACT)		A0055660047	58		
	UTC-UTV 30	(FAIL CONTACT)		A0055660048	58		
	UTC-UTV 40	(FAIL CONTACT)		A0055660049	58		
	UTC-UTV 50	(FAIL CONTACT)		A0055660050	61		

ACCESSOIRES - ACCESSORIES

		Modèle Model	Dimensions - Dimensions [mm]			Code Code	€
			L	H	P		
 <p>Grille de refoulement orientable en aluminium sans filtre <i>Aluminium adjustable supply air grill without air filter</i></p> <p>Dimensions externes <i>External dimension</i></p>	pour / for RAM	UTC-UTV 10	592	304	40	A0055520041	93
		UTC-UTV 20	942	304	40	A0055520042	166
		UTC-UTV 30	1042	304	40	A0055520043	184
		UTC-UTV 40-50	1282	304	40	A0055520044	220
		UTC-UTV 60	1282	435	40	A0055520069	510
		UTC-UTV 70	1963	435	40	A0055520077	644
 <p>Grille d'aspiration fixe en aluminium avec filtre <i>Aluminium fix intake air grill with air filter</i></p> <p>Dimensions externes <i>External dimension</i></p>	pour / for RAM	UTC-UTV 10	592	304	40	A0055520033	101
		UTC-UTV 20	942	304	40	A0055520034	142
		UTC-UTV 30	1042	304	40	A0055520035	153
		UTC-UTV 40-50	1282	304	40	A0055520036	189
		UTC-UTV 60	1282	610	40	A0055520067	586
		UTC-UTV 70	1963	610	40	A0055520075	804
 <p>Grille de refoulement orientable en aluminium sans filtre <i>Aluminium adjustable supply air grill without air filter</i></p> <p>Dimensions externes <i>External dimension</i></p>	pour / for PAM	UTC-UTV 10	592	236	40	A0055520146	87
		UTC-UTV 20	942	236	40	A0055520147	156
		UTC-UTV 30	1042	261	40	A0055520148	175
		UTC-UTV 40	1282	261	40	A0055520149	210
		UTC-UTV 50	1282	311	40	A0055520150	219
		UTC-UTV 60	1282	435	40	A0055520151	483
		UTC-UTV 70	1963	435	40	A0055520152	612
 <p>Grille d'aspiration fixe en aluminium avec filtre <i>Aluminium fix intake air grill with air filter</i></p> <p>Dimensions externes <i>External dimension</i></p>	pour / for PAM	UTC-UTV 10	592	236	40	A0055520138	97
		UTC-UTV 20	942	236	40	A0055520139	135
		UTC-UTV 30	1042	261	40	A0055520140	146
		UTC-UTV 40	1282	261	40	A0055520141	180
		UTC-UTV 50	1282	311	40	A0055520142	188
		UTC-UTV 60	1282	610	40	A0055520143	556
		UTC-UTV 70	1963	610	40	A0055520144	763
 <p>Bac auxiliaire à condensats <i>Auxiliary drain pan</i></p>		UTC-UTV 10-50	250	12	160	A0055640052	33
		UTC-UTV 60-70	370	12	200	A0055640053	35
			Données techniques <i>Technical data</i>				
 <p>Pompe d'évacuation des condensats <i>Condensate water pump</i></p>		UTC 10-50	20 l/h (0 m.c.a.) max 6 m.c.a.			A0055650004	283
		UTC 60-70	300 l/h (2 m.c.a.) max 5,4 m.c.a.			A0055650005	299

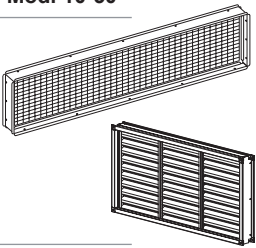
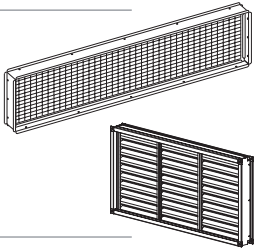
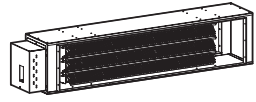
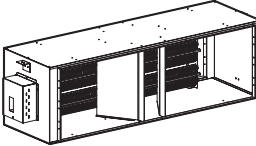
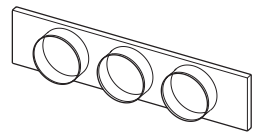
Supplément de prix pour vernis sur la grille de refoulement en aluminium
Extra price for aluminium supply air grill painting

Mod. 10-50	76
Mod. 60-70	84

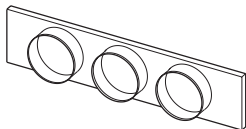
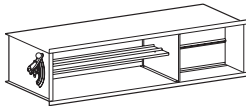
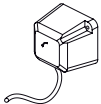
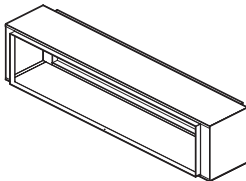
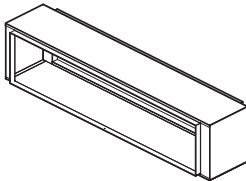
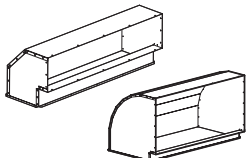
Supplément de prix pour vernis sur la grille d'aspiration en aluminium
Extra price for aluminium intake air grill painting

Mod. 10-50	76
Mod. 60-70	84

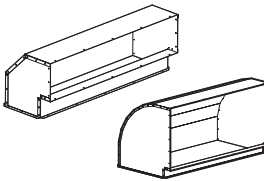
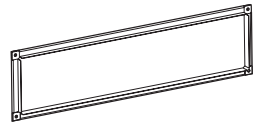
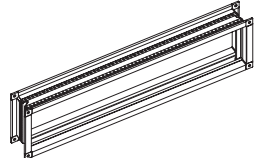
ACCESSOIRES - ACCESSORIES

	Accessoires Accessorie	Données techniques Technical data	Code Code	€	
Mod. 10-50  Section filtre à air <i>Air filter section</i>	SFA 10	G3	A0055460010	42	
	SFA 20	G3	A0055460020	56	
	SFA 30	G3	A0055460030	58	
	SFA 40	G3	A0055460040	61	
	SFA 50	G3	A0055460050	65	
	SFA 60	G3	A0055460060	110	
	SFA 70	G3	A0055460070	160	
Mod. 60-70 Mod. 10-50  Section filtre à air à charbon actif <i>Activated carbons air filter section</i>	SFA 10	G2	A0055460012	48	
	SFA 20	G2	A0055460022	65	
	SFA 30	G2	A0055460032	69	
	SFA 40	G2	A0055460042	77	
	SFA 50	G2	A0055460052	86	
	SFA 60	G2	A0055460062	208	
	SFA 40	G2	A0055460072	311	
Mod. 10-50  Section de chauffage avec résistances électriques (400 Vac; 3 Ph) <i>Heating section with electric heater (400 Vac; 3 Ph)</i>	SRE 10-B	3000 W	A0055550009	521	
	SRE 20-B	6000 W	A0055550010	691	
	SRE 30-B	6000 W	A0055550011	691	
	SRE 40-B	9000 W	A0055550012	812	
	SRE 50-B	9000 W	A0055550013	812	
	SRE 60-B	12000 W	A0055550014	867	
	SRE 70-B	18000 W	A0055550015	930	
	 Section de chauffage avec résistances électriques (400 Vac; Ph) <i>Heating section with electric heater (400 Vac; 3 Ph)</i>	SRE 10-A	4500 W	A0055550016	552
		SRE 20-A	9000 W	A0055550017	812
		SRE 30-A	9000 W	A0055550018	812
		SRE 40-A	12000 W	A0055550019	867
		SRE 50-A	12000 W	A0055550020	867
		SRE 60-A	18000 W	A0055550021	985
		SRE 70-A	24000 W	A0055550022	1084
Mod. 60-70  Section de refolement avec bouches circulaires ISOLE (5 mm cellule fermée) ATTENTION: l'installation nécessite l'utilisation d'un PAM <i>Supply section with spigots INSULATED (5 mm close cell)</i> WARNING: installation must be done using 1 PAM	BAM 10	n° 2 x Ø200	A0055500153	117	
	BAM 20	n° 3 x Ø200	A0055500154	139	
	BAM 30	n° 3 x Ø200	A0055500155	149	
	BAM 40	n° 4 x Ø200	A0055500156	174	
	BAM 50	n° 4 x Ø200	A0055500157	199	
	BAM 60	n° 2 x Ø400	A0055500112	272	
	BAM 70	n° 4 x Ø400	A0055500113	363	

ACCESSOIRES - ACCESSORIES

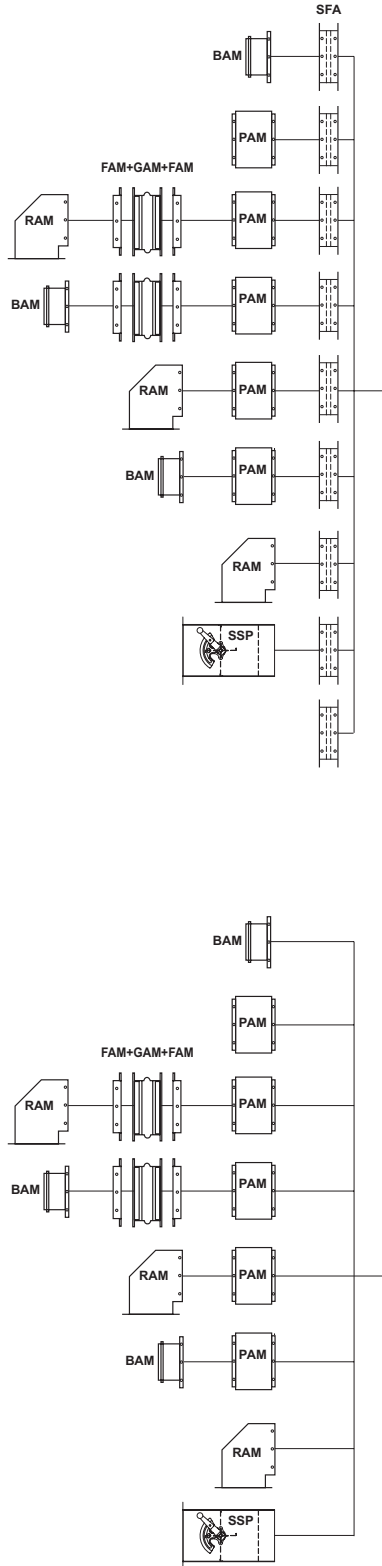
		Accessoires Accessorie	Données techniques Technical data			Code Code	€
 <p>Section d'aspiration avec bouches circulaires <i>Intake section with spigots</i></p>		BAM 10	n° 2 x Ø200			A0055500105	105
		BAM 20	n° 3 x Ø200			A0055500106	125
		BAM 30	n° 3 x Ø200			A0055500107	135
		BAM 40	n° 4 x Ø200			A0055500108	157
		BAM 50	n° 4 x Ø200			A0055500109	181
		BAM 60	n° 2 x Ø400			A0055500110	248
		BAM 70	n° 4 x Ø400			A0055500111	331
			L	H	P		
 <p>Section de mélange avec prise d'air neuf (volet manuel) Max 33% air externe <i>Section with fresh air lower (manual) Maximum external air 33%</i></p>	SSP 10	590	240	240	A0055470009	299	
	SSP 20	940	240	240	A0055470010	359	
	SSP 30	1040	265	265	A0055470011	380	
	SSP 40	1280	265	265	A0055470012	469	
	SSP 50	1280	315	310	A0055470013	553	
	SSP 60	1280	615	615	A0055470014	790	
	SSP 70	1969	615	725	A0055470015	1253	
			Données technique Technical data				
 <p>Motorisation pour registre d'air neuf <i>Motor for fresh air louvers</i></p>	UTC-UTV 10-50	Installata - Installed			A0055480021	422	
	UTC-UTV 60-70				A0055480022	555	
			L	H	P		
 <p>Plénum droit d'aspiration <i>Straight intake plenum</i></p>	PAM 10	648	254	219	A0055500081	133	
	PAM 20	998	254	219	A0055500082	150	
	PAM 30	1098	254	244	A0055500083	166	
	PAM 40	1338	254	244	A0055500084	188	
	PAM 50	1338	254	294	A0055500085	216	
	PAM 60	1342	254	594	A0055500086	307	
	PAM 70	2026	254	594	A0055500087	409	
 <p>Plénum droit de refoulement ISOLE (5 mm cellule fermée) <i>Straight supply plenum INSULATED (5 mm close cell)</i></p>	PAM 10	648	254	219	A0055500053	147	
	PAM 20	998	254	219	A0055500054	166	
	PAM 30	1098	254	244	A0055500055	182	
	PAM 40	1338	254	244	A0055500056	208	
	PAM 50	1338	254	294	A0055500057	238	
	PAM 60	1342	254	594	A0055500058	336	
	PAM 70	2026	254	594	A0055500059	451	
<p>Mod. 10-50</p>  <p>Plénum d'aspiration à 90° <i>90° intake plenum</i></p> <p>Mod. 60-70</p>	RAM 10	552	360	315	A0055500097	108	
	RAM 20	902	360	315	A0055500098	129	
	RAM 30	1002	360	340	A0055500099	139	
	RAM 40	1242	360	340	A0055500100	147	
	RAM 50	1242	360	390	A0055500101	159	
	RAM 60	1242	670	650	A0055500102	243	
	RAM 70	1932	670	650	A0055500103	325	

ACCESSOIRES - ACCESSORIES

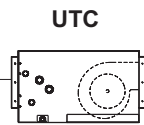
	Accessoires Accessorie	Dimensions - <i>Dimensions</i> [mm]			Code Code	€	
		L	H	P			
Mod. 10-50 	RAM 10	552	360	315	A0055500089	118	
	RAM 20	902	360	315	A0055500090	143	
	RAM 30	1002	360	340	A0055500091	152	
	RAM 40	1242	360	340	A0055500092	160	
	RAM 50	1242	360	390	A0055500093	175	
	RAM 60	1242	490	650	A0055500094	266	
	RAM 70	1932	490	650	A0055500095	356	
Mod. 60-70 	FAM 10	600	249	32	A0055500071	26	
	FAM 20	952	249	32	A0055500072	28	
	FAM 30	1052	276	32	A0055500073	30	
	FAM 40	1292	276	32	A0055500074	34	
	FAM 50	1292	326	32	A0055500075	34	
	aspiration <i>intake</i>	FAM 60	1290	622	32	A0055500076	40
	refoulement <i>supply</i>	FAM 60	1290	440	32	A0055500078	40
	aspiration <i>intake</i>	FAM 70	1979	622	32	A0055500077	51
	refoulement <i>supply</i>	FAM 70	1980	440	32	A0055500079	51
		GAM 10	600	249	90 ÷ 110	A0055500115	96
GAM 20		952	249	90 ÷ 110	A0055500116	112	
GAM 30		1052	276	90 ÷ 110	A0055500117	117	
GAM 40		1292	276	90 ÷ 110	A0055500118	131	
GAM 50		1292	326	90 ÷ 110	A0055500119	132	
aspiration <i>intake</i>		GAM 60	1290	622	90 ÷ 110	A0055500120	156
refoulement <i>supply</i>		GAM 60	1290	440	90 ÷ 110	A0055500122	150
aspiration <i>intake</i>		GAM 70	1980	622	90 ÷ 110	A0055500121	181
refoulement <i>supply</i>		GAM 70	1980	440	90 ÷ 110	A0055500123	175

EXEMPLE D'UTILISATION D'ACCESSOIRES
EXAMPLE OF DUCTING ACCESSORIES APPLICATION

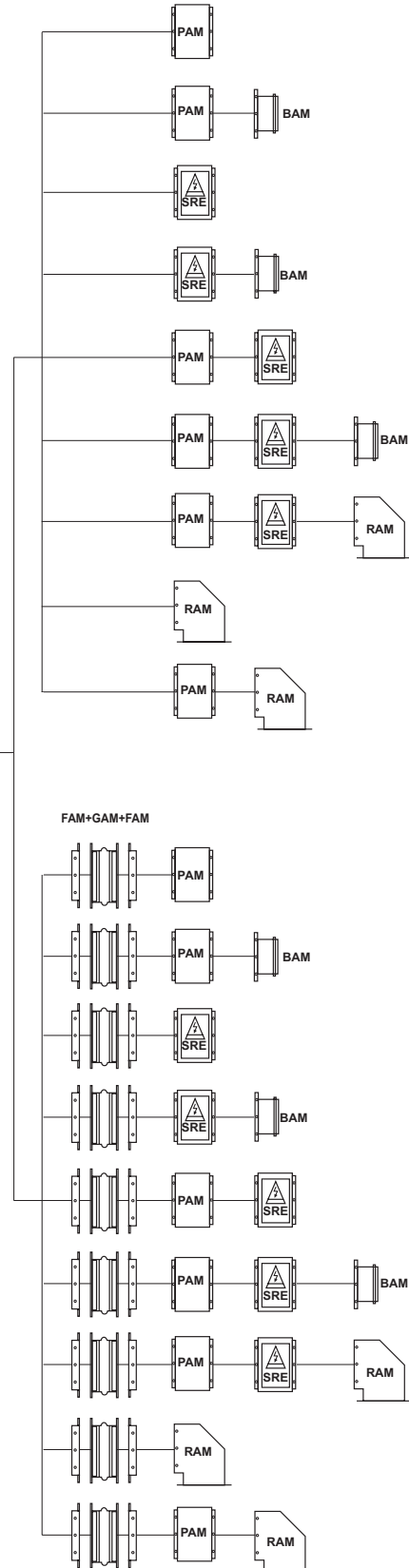
ASPIRATION
INTAKE



UNITE DE BASE
BASIC UNIT



REFOULEMENT
SUPPLY



CONNEXIONS DE LA BATTERIE - CONNECTION COILS DIAMETER

	UTC 10	UTC 20	UTC 30	UTC 40	UTC 50	UTC 60	UTC 70
Batterie 1 rang - 1 row coil	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Batterie 2 rangs - 2 row coil	1/2"	1/2"	1/2"	3/4"	3/4"	1"	1" 1/4
Batterie 3 rangs - 3 row coil	1/2"	1/2"	3/4"	3/4"	1"	1" 1/4	1" 1/4
Batterie 4 rangs - 4 row coil	1/2"	3/4"	3/4"	1"	1"	1" 1/4	1" 1/2
Batterie 6 rangs - 6 row coil	3/4"	1"	1" 1/4	1" 1/4	1" 1/2	1" 1/2	2"

NOTE: Les diamètres en gras désignent la batterie standard

NOTE: The black values make reference to the diameters of standard coil fittings

CONNEXIONS DE RACCORDEMENT VANNES - CONNECTION VALVES DIAMETER

	UTC 10	UTC 20	UTC 30	UTC 40	UTC 50	UTC 60	UTC 70
Batterie 1 rang - 1 row coil	1/2"	1/2"	3/4"	3/4"	3/4"	1" 1/2	1" 1/2
Batterie 2 rangs - 2 row coil	1/2"	1/2"	3/4"	3/4"	3/4" Kvs 4,0	1" 1/2	1" 1/2
Batterie 3 rangs - 3 row coil	1/2"	3/4"	3/4" Kvs 4,0	3/4" Kvs 4,0	1"	1" 1/2	2"
Batterie 4 rangs - 4 row coil	1/2"	3/4" Kvs 4,0	1"	1"	1"	1" 1/2	2"
Batterie 6 rangs - 6 row coil	3/4"	1"	1" 1/2	1" 1/2	1" 1/2	2"	2" 1/4

NOTE: Les diamètres en gras désignent les vannes montées sur les batteries standard

NOTE: The black values make reference to the valves installed as standard

NOTE: BATTERIE STANDARD: UTC 10-50 (3R) - UTC 60-70 (4R)

BATTERIE AUXILIAIRE: UTC 10-50 (1R) - UTC 60-70 (2R)

NOTE: STANDARD COIL: UTC 10-50 (3R) - UTC 60-70 (4R)

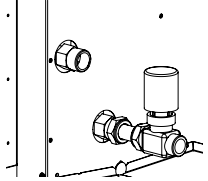
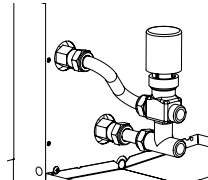
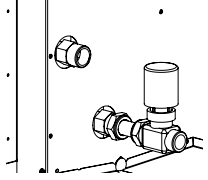
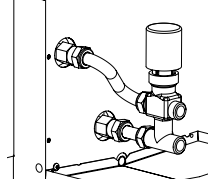
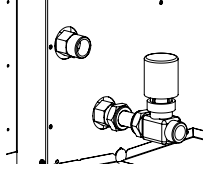
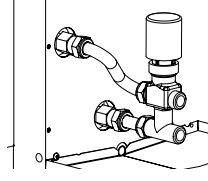
AUXILIARY COIL: UTC 10-50 (1R) - UTC 60-70 (2R)

DONNEES TECHNIQUES VANNES VALVES TECHNICAL DATA

Entrée Fitting	DN	Kvs voie principale / Kvs Bypass Kvs main direction / Kvs Bypass
1/2"	15	1,7 / 1,3
3/4"	20	2,8 / 1,8
3/4" Kvs 4,0	20	4,0 / 1,8
1"	25	4,5 / 3,1
1" 1/2	25	10 / 10
2"	32	16 / 16
2" 1/4	40	25 / 25

VANNES - VALVES

SYSTEME A 2 TUBES - 2 PIPE SYSTEM

VANNES FOURNIES NON INSTALLEES! VALVES NOT INSTALLED!		Modèle Model	Ø	Kvs Voie principale/Bypass Main/Bypass	Code Code	€
KIT VANNES ON/OFF (230 Vca) - ON/OFF VALVES (230 Vac)						
	Vanne 2 voies 2 way valve	UTC 10	1/2"	1,7	A0056UT0212	163
		UTC 20	3/4"	2,8	A0056UT0234	171
		UTC 30-40	3/4"	4,0	A0056UT0235	219
		UTC 50	1"	4,5	A0056UT0211	219
		UTC 60	1"1/2"	10	A0056UT0215	650
		UTC 70	2"	16	A0056UT0220	721
	Vanne 3 voies 3 way valve	UTC 10	1/2"	1,7 / 1,3	A0056UT0312	182
		UTC 20	3/4"	2,8 / 1,8	A0056UT0334	189
		UTC 30-40	3/4"	4,0 / 1,8	A0056UT0335	219
		UTC 50	1"	4,5 / 3,1	A0056UT0311	219
		UTC 60	1"1/2"	10 / 10	A0056UT0315	650
		UTC 70	2"	16 / 16	A0056UT0320	721
KIT VANNES FLOTTANTES A 3 POINTS (24 Vca) - 3 POINTS FLOATING VALVE KITS (24 Vac)						
	Vanne 2 voies 2 way valve	UTC 10	1/2"	1,7	A0056UTF212	259
		UTC 20	3/4"	2,8	A0056UTF234	296
		UTC 30-40	3/4"	4,0	A0056UTF235	314
		UTC 50	1"	4,5	A0056UTF211	314
		UTC 60	1"1/2"	10	A0056UTF215	664
		UTC 70	2"	16	A0056UTF220	735
	Vanne 3 voies 3 way valve	UTC 10	1/2"	1,7 / 1,3	A0056UTF312	332
		UTC 20	3/4"	2,8 / 1,8	A0056UTF334	388
		UTC 30-40	3/4"	4,0 / 1,8	A0056UTF335	412
		UTC 50	1"	4,5 / 3,1	A0056UTF311	412
		UTC 60	1"1/2"	10 / 10	A0056UTF315	664
		UTC 70	2"	16 / 16	A0056UTF320	735
KIT VANNES MODULANTES 0-10V (24 Vca) - MODULATING VALVE KITS (24 Vac)						
	Vanne 2 voies 2 way valve	UTC 10	1/2"	1,7	A0056UTM212	423
		UTC 20	3/4"	2,8	A0056UTM234	483
		UTC 30-40	3/4"	4,0	A0056UTM235	549
		UTC 50	1"	4,5	A0056UTM211	549
		UTC 60	1"1/2"	10	A0056UTM215	840
		UTC 70	2"	16	A0056UTM220	910
	Vanne 3 voies 3 way valve	UTC 10	1/2"	1,7 / 1,3	A0056UTM312	440
		UTC 20	3/4"	2,8 / 1,8	A0056UTM334	502
		UTC 30-40	3/4"	4,0 / 1,8	A0056UTM335	720
		UTC 50	1"	4,5 / 3,1	A0056UTM311	720
		UTC 60	1"1/2"	10 / 10	A0056UTM315	840
		UTC 70	2"	16 / 16	A0056UTM320	910

PLUS VALUE - EXTRA PRICES

	Supplément de prix pour servomoteur ON/OFF 24 Vac - (1 pièce) Extra price for 24 Vac ON/OFF actuator - (1 piece)	A0055570027	14
	Supplément de prix pour servomoteur ON/OFF 230 Vac avec contact de fin de course (vanne normalement fermée, contact normalement ouvert) - (1 pièce) Extra price for 230 Vac ON/OFF actuators with auxiliary switch (valve normally closed, auxiliary switch normally open) - (1 piece)	A0055150172	21

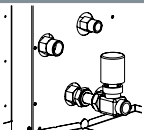
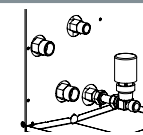
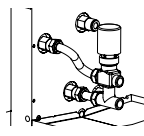
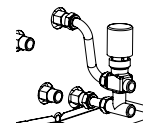
VANNES - VALVES

SYSTEME A 4 TUBES - 4 PIPE SYSTEM

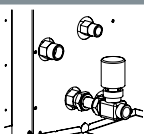
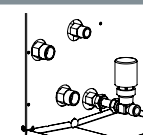
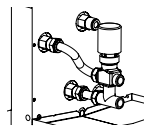
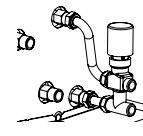
VANNES FOURNIES NON INSTALLEES!
VALVES NOT INSTALLED!

Modèle Model	Ø	Batterie standard Standard coil		Batterie auxiliaire Auxiliary coil		Code Code	€
		Kvs Voie principale/Bypass Main/Bypass	Ø	Kvs Voie principale/Bypass Main/Bypass	Ø		

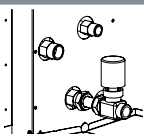
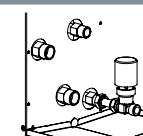
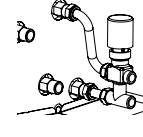
KIT VANNES ON/OFF (230 Vca) - ON/OFF VALVES (230 Vac)

 Batterie standard Standard coil	 Batterie auxiliaire Auxiliary coil	Vannes 2 voies 2 way valve	UTC 10	1/2"	1,7	1/2"	1,7	A0056UT02CA	314
			UTC 20	3/4"	2,8	1/2"	1,7	A0056UT02CB	334
			UTC 30-40	3/4"	4,0	3/4"	2,8	A0056UT02CH	390
			UTC 50	1"	4,5	3/4"	2,8	A0056UT02CD	390
			UTC 60	1"1/2"	10	1"1/2"	10	A0056UT02CE	1300
			UTC 70	2"	16	1"1/2"	10	A0056UT02CF	1371
 Batterie standard Standard coil	 Batterie auxiliaire Auxiliary coil	Vannes 3 voies 3 way valve	UTC 10	1/2"	1,7 / 1,3	1/2"	1,7 / 1,3	A0056UT03CA	345
			UTC 20	3/4"	2,8 / 1,8	1/2"	1,7 / 1,3	A0056UT03CB	371
			UTC 30-40	3/4"	4,0 / 1,8	3/4"	2,8 / 1,8	A0056UT03CH	408
			UTC 50	1"	4,5 / 3,1	3/4"	2,8 / 1,8	A0056UT03CD	408
			UTC 60	1"1/2"	10 / 10	1"1/2"	10 / 10	A0056UT03CE	1300
			UTC 70	2"	16 / 16	1"1/2"	10 / 10	A0056UT03CF	1371

KIT VANNES FLOTTANTES A 3 POINTS (24 Vac) - 3 POINTS FLOATING VALVE KITS (24 Vac)

 Batterie standard Standard coil	 Batterie auxiliaire Auxiliary coil	Vannes 2 voies 2 way valve	UTC 10	1/2"	1,7	1/2"	1,7	A0056UTF2CA	504
			UTC 20	3/4"	2,8	1/2"	1,7	A0056UTF2CB	541
			UTC 30-40	3/4"	4,0	3/4"	2,8	A0056UTF2CH	594
			UTC 50	1"	4,5	3/4"	2,8	A0056UTF2CD	594
			UTC 60	1"1/2"	10	1"1/2"	10	A0056UTF2CE	1357
			UTC 70	2"	16	1"1/2"	10	A0056UTF2CF	1470
 Batterie standard Standard coil	 Batterie auxiliaire Auxiliary coil	Vannes 3 voies 3 way valve	UTC 10	1/2"	1,7 / 1,3	1/2"	1,7 / 1,3	A0056UTF3CA	650
			UTC 20	3/4"	2,8 / 1,8	1/2"	1,7 / 1,3	A0056UTF3CB	705
			UTC 30-40	3/4"	4,0 / 1,8	3/4"	2,8 / 1,8	A0056UTF3CH	786
			UTC 50	1"	4,5 / 3,1	3/4"	2,8 / 1,8	A0056UTF3CD	786
			UTC 60	1"1/2"	10 / 10	1"1/2"	10 / 10	A0056UTF3CE	1357
			UTC 70	2"	16 / 16	1"1/2"	10 / 10	A0056UTF3CF	1470

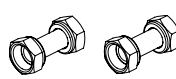
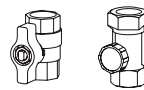
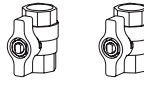

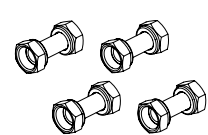
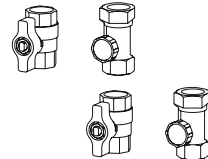
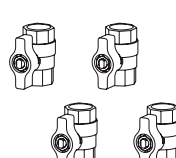
KIT VANNES MODULANTES 0-10V (24 Vca) - MODULATING VALVE KITS (24 Vac)

 Batterie standard Standard coil	 Batterie auxiliaire Auxiliary coil	Vannes 2 voies 2 way valve	UTC 10	1/2"	1,7	1/2"	1,7	A0056UTM2CA	831
			UTC 20	3/4"	2,8	1/2"	1,7	A0056UTM2CB	952
			UTC 30-40	3/4"	4,0	3/4"	2,8	A0056UTM2CH	1043
			UTC 50	1"	4,5	3/4"	2,8	A0056UTM2CD	1043
			UTC 60	1"1/2"	10	1"1/2"	10	A0056UTM2CE	1680
			UTC 70	2"	16	1"1/2"	10	A0056UTM2CF	1820
 Batterie standard Standard coil	 Batterie auxiliaire Auxiliary coil	Vannes 3 voies 3 way valve	UTC 10	1/2"	1,7 / 1,3	1/2"	1,7 / 1,3	A0056UTM3CA	866
			UTC 20	3/4"	2,8 / 1,8	1/2"	1,7 / 1,3	A0056UTM3CB	926
			UTC 30-40	3/4"	4,0 / 1,8	3/4"	2,8 / 1,8	A0056UTM3CH	1224
			UTC 50	1"	4,5 / 3,1	3/4"	2,8 / 1,8	A0056UTM3CD	1224
			UTC 60	1"1/2"	10 / 10	1"1/2"	10 / 10	A0056UTM3CE	1680
			UTC 70	2"	16 / 16	1"1/2"	10 / 10	A0056UTM3CF	1820

PLUS VALUE - EXTRA PRICES

Supplément de prix pour servomoteur ON/OFF 24 Vac - (1 pièce) Extra price for 24 Vac ON/OFF actuator - (1 piece)	A005570027	14
Supplément de prix pour servomoteur ON/OFF 230 Vac avec contact de fin de course (vanne normalement fermée, contact normalement ouvert) - (1 pièce) Extra price for 230 Vac ON/OFF actuators with auxiliary switch (valve normally closed, auxiliary switch normally open) - (1 piece)	A0055150172	21

ACCESSOIRES VANNES - VALVE ACCESSORIES

		Modèle Model	Ø Standard Standard	Ø Auxiliaire Auxiliary	Code Code	€		
SYSTEME A 2 TUBES - 2 PIPE SYSTEM								
	Raccords en cuivre	UTC 10	1/2"	-	A0056UT0912	21		
		UTC 20	3/4"	-	A0056UT0934	21		
		2 voies / 2 way	UTC 30- 40	3/4"	-	A0056UT0921	21	
		3 voies / 3 way	UTC 30- 40	3/4"	-	A0056UT0931	21	
	Copper tubes	UTC 50	1"	-	A0056UT0911	21		
		2 voies / 2 way	UTC 60	1" 1/2	-	A0056UT0916	73	
		3 voies / 3 way	UTC 60	1" 1/2	-	A0056UT0914	73	
		2 voies / 2 way	UTC 70	1" 1/2	-	A0056UT0917	133	
3 voies / 3 way	UTC 70	1" 1/2	-	A0056UT0915	133			
	Vannes d'isolement/réglage Shut off/balancing valve	UTC 10	1/2"	-	A0056UT0512	49		
		UTC 20	3/4"	-	A0056UT0534	61		
		UTC 30- 40	3/4"	-	A0056UT0535	61		
		UTC 50	1"	-	A0056UT0511	89		
		UTC 60	1"1/4	-	A0056UT0514 *	303		
	2 vannes d'isolement 2 shut off valves	UTC 70	1" 1/2	-	A0056UT0515 **	387		
		UTC 10	1/2"	-	A0056UT0612	44		
		UTC 20	3/4"	-	A0056UT0634	52		
		UTC 30- 40	3/4"	-	A0056UT0635	52		
		UTC 50	1"	-	A0056UT0611	62		
	2 vannes d'isolement 2 shut off valves	UTC 60	1"1/4	-	A0056UT0614	84		
		UTC 70	1" 1/2	-	A0056UT0615	105		
		SYSTEME A 4 TUBES - 4 PIPE SYSTEM						
			Raccords cuivre	UTC 10	1/2"	1/2"	A0056UT09CA	41
				UTC 20	3/4"	1/2"	A0056UT09CB	41
2 voies / 2 way	UTC 30- 40			3/4"	3/4"	A0056UT092C	41	
3 voies / 3 way	UTC 30- 40			3/4"	3/4"	A0056UT093C	41	
Copper tubes	UTC 50		1"	3/4"	A0056UT09CD	41		
	2 voies / 2 way		UTC 60	1" 1/2	1" 1/2	A0056UT092J	146	
	3 voies / 3 way		UTC 60	1" 1/2	1" 1/2	A0056UT093J	146	
	2 voies / 2 way		UTC 70	1" 1/2	1" 1/2	A0056UT092K	265	
3 voies / 3 way	UTC 70	1" 1/2	1" 1/2	A0056UT093K	265			
	Vannes d'isolement/réglage Shut off/balancing valve	UTC 10	1/2"	1/2"	A0056UT05CA	100		
		UTC 20	3/4"	1/2"	A0056UT05CB	110		
		UTC 30- 40	3/4"	3/4"	A0056UT05CH	119		
		UTC 50	1"	3/4"	A0056UT05CD	149		
		UTC 60	1" 1/4	1" 1/4	A0056UT05CJ *	607		
	Paires de 2 vannes d'isolement 2 shut off valves	UTC 70	1" 1/2	1" 1/4	A0056UT05CK **	772		
		UTC 10	1/2"	1/2"	A0056UT06CA	87		
		UTC 20	3/4"	1/2"	A0056UT06CB	97		
		UTC 30- 40	3/4"	3/4"	A0056UT06CH	105		
		UTC 50	1"	3/4"	A0056UT06CD	114		
UTC 60	1" 1/4	1" 1/4	A0056UT06CJ	170				
UTC 70	1" 1/2	1" 1/4	A0056UT06CK	189				

* Vanne d'équilibrage de 1"1/4 / Balancing valve: 1"1/4

** Le détendeur est une vanne d'équilibrage de 1"1/2 / Balancing valve: 1"1/2