

Clivet. Change things



FanCoil
Unit

35 Agencies in Italy

707 Employees in Italy and Abroad

100 Countries We Export to

53.500m² of plants in Feltre Belluno

7 Branches: Great Britain, Germany, Russia, UAE, India, China, BALKANS

Water terminal unit

Cased and uncased, vertical and horizontal indoor installation
Capacity from 1,5 to 10,7 kW



ELFOSpace INH



ErP
compliant

ELFOSpace OUT and IN are the cased and uncased water terminal for installation in the commercial sector.

- Versions for 2 and 4-pipe systems;
- Available with DC Brushless ventilating unit (sizes 003.0÷031.0);
- The available controls are simple and user-friendly, satisfying the most varied of requirements;
- Designed for connection to the ELFOControl² or general supervisors;
- Low noise operation and easy to clean;
- Twelve sizes available with an almost countless number of accessories for resolving any service application.

functions and features



Cool & heat



Vertical:
cased



Vertical:
uncased



Horizontal:
cased



Horizontal:
uncased



Water

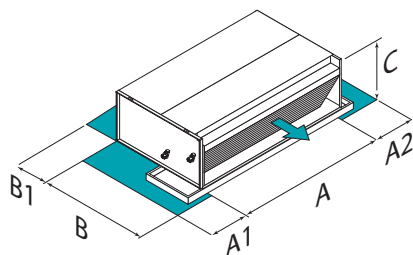


ELFOControl²



DC Motor

dimensions and clearances



ELFOSpace INH

CAUTION! For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

Size - ELFOSPACE			003.0	005.0	007.0	009.0	011.0	015.0	017.0	021.0	025.0	031.0	041.0	051.0
INH	A - Length	mm	545	545	745	745	945	945	1145	1145	1345	1345	1545	1545
INH	B - Width	mm	450	450	450	450	450	450	450	450	450	450	450	450
INH	C - Height	mm	215	215	215	215	215	215	215	215	215	215	215	215
INH	A1	mm	200	200	200	200	200	200	200	200	200	200	200	200
INH	A2	mm	200	200	200	200	200	200	200	200	200	200	200	200
INH	B1	mm	90	90	90	90	90	90	90	90	90	90	90	90
CC4-INH	Operating weight	kg	12	12	15	16	21	22	24	26	28	30	32	36
CC2-INH	Operating weight	kg	11	12	14	15	20	21	23	25	27	29	31	35

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

OUTV Vertical cased version
INV Vertical uncased version
OUTH Horizontal cased version
INH Horizontal uncased version
CC2-INV 2 pipes-Vertical uncased version

CC2-INH 2 pipes-Horizontal uncased version
CC4-INV 4-pipe-Vertical uncased version
CC4-INH 4-pipe-Horizontal uncased version
CC2-OUTH 2 pipes-Vertical cased version
CC2-OUTH 2 pipes-Horizontal cased version
CC4-OUTH 4-pipe-Horizontal cased version
CC4-OUTH 4-pipe-Vertical cased version

VERSION:

- **INV** Vertical uncased version (Standard)
- **OUTV** Vertical cased version
- **OUTH** Horizontal cased version
- **INH** Horizontal uncased version

COIL CONFIGURATION:

- **CC2** Coil configuration for 2-pipe system (Standard)
- **CC4** Coil configuration for 4-pipe system

WATER FITTINGS:

- **SX** Water fittings to the left (Standard)
- **DX** Water fittings to the right

technical data

Size – ELFOSPACE			003.0	005.0	007.0	009.0	011.0	015.0	017.0	021.0	025.0	031.0	041.0	051.0
2-pipe														
HIGH SPEED														
Airflow		m3/h	370	400	500	550	670	720	1,000	1,050	1,280	1,310	1,910	1,940
► Cooling capacity	(1)	kW	1,50	2,00	2,53	3,02	3,75	4,25	5,52	6,42	7,53	9,02	9,60	10,70
Sensible capacity	(1)	kW	1,29	1,62	2,07	2,31	2,87	3,23	4,33	4,80	5,67	6,62	7,64	8,36
Water flow-rate	(1)	l/h	258	344	435	519	645	731	949	1,104	1,295	1,551	1,651	1,710
Water pressure drop	(1)	kPa	13,10	16,30	18,50	20,80	22,60	24,10	24,50	27,10	28,80	29,20	31,00	33,40
► Heating capacity	(2)	kW	1,87	2,46	2,99	3,36	4,08	4,72	6,00	6,65	7,75	9,05	10,55	11,60
Water flow-rate	(2)	l/h	322	422	514	577	702	812	1,032	1,144	1,333	1,557	1,815	1,995
Water pressure drop	(2)	kPa	17,70	21,40	22,40	22,30	23,30	25,90	25,20	25,30	26,50	25,60	32,50	34,10
Total power input		W	49	49	66	66	71	71	130	130	146	146	224	224
MEDIUM SPEED														
Airflow		m3/h	285	310	400	440	590	635	890	935	1,140	1,160	1,640	1,660
► Cooling capacity	(1)	kW	1,28	1,71	2,20	2,63	3,47	3,93	5,14	5,97	7,01	8,37	8,73	9,72
Sensible capacity	(1)	kW	1,07	1,35	1,76	1,97	2,62	2,95	3,98	4,42	5,22	6,07	6,85	7,48
Water flow-rate	(1)	l/h	219	294	379	452	596	676	883	1,028	1,205	1,439	1,502	1,672
Water pressure drop	(1)	kPa	9,50	11,90	14,00	15,80	19,30	20,70	21,20	23,50	25,00	25,10	25,70	27,60
► Heating capacity	(2)	kW	1,57	2,08	2,58	2,90	3,75	4,35	5,56	6,16	7,18	8,35	9,54	10,47
Water flow-rate	(2)	l/h	271	357	444	498	645	747	956	1,060	1,235	1,437	1,641	1,800
Water pressure drop	(2)	kPa	12,60	15,30	16,70	16,60	19,70	21,90	21,60	21,70	22,80	21,80	26,60	27,70
Total power input		W	34	34	53	53	56	56	105	105	123	123	200	200
LOW SPEED														
Airflow		m3/h	225	245	305	335	460	500	650	680	870	890	1,490	1,515
► Cooling capacity	(1)	kW	1,10	1,48	1,86	2,22	2,97	3,39	4,23	4,90	5,93	7,10	8,23	9,19
Sensible capacity	(1)	kW	0,90	1,14	1,45	1,62	2,19	2,49	3,18	3,52	4,30	5,02	6,40	7,00
Water flow-rate	(1)	l/h	190	254	320	382	511	583	727	843	1,019	1,221	1,416	1,580
Water pressure drop	(1)	kPa	7,10	8,90	10,00	11,20	14,20	15,40	14,40	15,80	17,90	18,10	22,80	24,60
► Heating capacity	(2)	kW	1,35	1,78	2,16	2,42	3,18	3,71	4,52	4,99	6,01	7,02	8,96	9,86
Water flow-rate	(2)	l/h	232	306	371	416	548	638	777	859	1,034	1,207	1,541	1,695
Water pressure drop	(2)	kPa	9,20	11,20	11,70	11,60	14,20	16,00	14,30	14,20	15,90	15,40	23,50	24,60
Total power input		W	24	24	36	36	38	38	71	71	88	88	175	175
4-pipe														
HIGH SPEED														
Airflow		m3/h	350	380	480	520	640	680	960	1,000	1,230	1,260	1,850	1,880
► Cooling capacity	(1)	kW	1,45	1,94	2,47	2,92	3,65	4,11	5,39	6,23	7,35	8,81	9,42	10,51
Sensible capacity	(1)	kW	1,24	1,57	2,02	2,22	2,78	3,11	4,21	4,64	5,52	6,44	7,47	8,18
Water flow-rate	(1)	l/h	249	334	425	502	628	707	927	1,072	1,264	1,515	1,620	1,808
Water pressure drop	(1)	kPa	12,30	15,40	17,60	19,50	21,40	22,50	23,40	25,50	27,40	27,90	29,80	32,20
► Heating capacity	(3)	kW	1,67	1,76	2,83	2,98	3,89	4,04	5,59	5,74	7,10	7,21	9,86	9,96
Water flow-rate	(3)	l/h	144	151	243	256	335	348	481	494	611	620	848	856
Water pressure drop	(3)	kPa	5,90	6,50	9,40	10,50	17,20	18,60	33,30	35,10	30,60	31,50	39,20	40,00
Total power input		W	49	49	66	66	71	71	130	130	146	146	224	224
MEDIUM SPEED														
Airflow		m3/h	270	295	385	415	560	590	850	880	1,100	1,260	1,850	1,880
► Cooling capacity	(1)	kW	1,24	1,66	2,15	2,54	3,36	3,76	5,00	5,76	6,86	8,24	8,64	9,64
Sensible capacity	(1)	kW	1,03	1,31	1,73	1,89	2,53	2,81	3,86	4,23	5,10	5,96	6,76	7,40
Water flow-rate	(1)	l/h	212	285	371	437	578	647	860	990	1,180	1,416	1,487	1,658
Water pressure drop	(1)	kPa	8,90	11,30	13,40	14,70	18,20	18,90	20,10	21,80	23,90	24,40	25,10	27,00
► Heating capacity	(3)	kW	1,41	1,49	2,44	2,57	3,57	3,68	5,16	5,28	6,60	6,71	9,00	9,08
Water flow-rate	(3)	l/h	121	128	210	221	307	317	444	454	567	577	774	781
Water pressure drop	(3)	kPa	4,20	4,70	7,10	7,80	14,50	15,40	28,40	29,70	26,40	27,30	32,60	33,20
Total power input		W	34	34	53	53	56	56	105	105	123	123	200	200
LOW SPEED														
Airflow		m3/h	210	230	295	320	445	475	630	660	850	865	1,470	1,485
► Cooling capacity	(1)	kW	1,06	1,42	1,83	2,16	2,91	3,29	4,15	4,82	5,85	6,98	8,17	9,08
Sensible capacity	(1)	kW	0,86	1,10	1,43	1,57	2,14	2,41	3,11	3,45	4,24	4,92	6,34	6,91
Water flow-rate	(1)	l/h	182	244	314	372	501	566	714	828	1,005	1,200	1,405	1,562
Water pressure drop	(1)	kPa	6,50	8,30	9,60	10,70	13,70	14,40	13,90	15,30	17,30	17,50	22,40	24,00
► Heating capacity	(3)	kW	1,19	1,26	2,05	2,16	3,06	3,19	4,24	4,37	5,57	5,63	8,47	8,52
Water flow-rate	(3)	l/h	103	109	176	186	264	275	364	376	479	484	729	733
Water pressure drop	(3)	kPa	3,00	3,40	5,00	5,50	10,70	11,60	19,10	20,30	18,80	19,20	29,00	29,30
Total power input		W	24	24	36	36	38	38	71	71	88	88	175	175
Standard power supply		V	220-240/1/50											
Type of supply fan	(4)	-	CFG											
No. of supply fans		-	1	1	1	1	2	2	2	2	2	2	3	3
H Sound pressure level	(5)	dB(A)	44	44	50	51	43	43	49	51	54	55	57	57
M Sound pressure level	(5)	dB(A)	37	37	44	45	39	40	47	47	52	52	54	54
L Sound pressure level	(5)	dB(A)	30	31	36	37	32	33	40	41	45	46	51	52

Notes

The Product is compliant with the Erp (Energy Related Products) European Directive. It includes the Commission delegated Regulation (EU) No 2016/2281, also known as Ecodesign Lot21.

(1) Entering exchanger water 7°C (temperature differential 5°C) - Ambient air 27°C D.B. / 19°C W.B.

(2) Entering exchanger water 45°C (temperature differential 5°C) - Ambient air 20°C

(3) Entering exchanger water 65°C (temperature differential 10°C) - Ambient air 20°C

(4) CFG = AC centrifugal fan

(5) Sound levels tested in anechoic chamber and referring to units for 2-pipe systems. The sound pressure level refers to 1 m from the external surface of the unit operating in the open field..

ELFODUCT MP

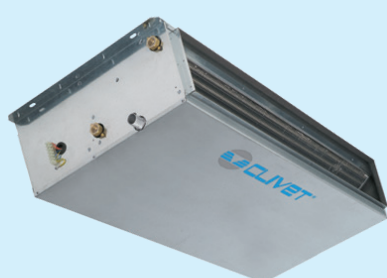
Medium Pressure

Water terminal unit

Uncased horizontal and vertical indoor installation

Ductable

Capacity from 6 to 20,2 kW



ELFODuct MP INH



The **ELFODuct MP** are the new generation air-treatment water terminal units ideal for installations where ducted air distribution is necessary. The units are designed for installation in suspended ceilings or lining walls and are characterized by their compactness and extremely low noise levels. The advantages of the new series are:

- Version for 2 and 4-pipe systems;
- Version for horizontal installations in suspended ceilings and version for vertical installations in lining walls;
- High energy efficiency thanks to the configuration with fan deck with DC Brushless motor;
- Available head up to **120 Pa**;
- Very low sound levels;
- Internal exchanger with large exchange surface, easily reversed water connections even on construction site;
- Complete accessories range for the full installation;
- Complete range of electromechanical and electronic thermostats and serial port RS485 with MODBUS protocol.

functions and features



Cool & heat



Vertical:
uncased



Horizontal:
uncased



Water

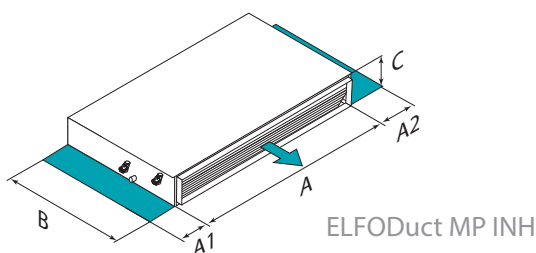


ELFODuct MP



DC Motor

dimensions and clearances



ELFODuct MP INH

Size – ELFODUCT MP		15	21	25	31	41	51	61	71
CC2-INH	A - Length	mm	880	880	880	1280	1280	1280	1680
CC2-INH	B - Width	mm	575	575	575	575	575	575	575
CC2-INH	C - Height	mm	250	250	250	250	250	250	250
CC2-INH	A1	mm	400	400	400	400	400	400	400
CC2-INH	A2	mm	200	200	200	200	200	200	200
CC2-INH	Operating weight	kg	34	35	37	48	50	53	65
CC4-INH	A - Length	mm	880	880	-	1280	1280	1680	1680
CC4-INH	B - Width	mm	250	250	-	250	250	250	250
CC4-INH	C - Height	mm	575	575	-	575	575	575	575
CC4-INH	A1	mm	400	400	-	400	400	400	400
CC4-INH	A2	mm	200	200	-	200	200	200	200
CC4-INH	Operating weight	kg	36	37	-	51	53	67	69

CAUTION! For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

CC2-INH 2 pipes-Horizontal uncased version

CC2-INV 2 pipes-Vertical uncased version

CC4-INH 4-pipe-Horizontal uncased version

CC4-INV 4-pipe-Vertical uncased version

VERSION:

- **INH** Horizontal uncased version (Standard)
 ► **INV** Vertical uncased version

WATER FITTINGS:

- **DX** Water fittings to the right (Standard)
 ► **SX** Water fittings to the left

COIL CONFIGURATION:

- **CC2** Coil configuration for 2-pipe system (Standard)
 ► **CC4** Coil configuration for 4-pipe system (sizes 15÷21, 31÷61)

RETURN:

- **RP** Rear intake (Standard)
 ► **R3** Downward air return
 ► **RF** Front air inlet

technical data

Size – ELFODUCT MP		15	21	25	31	41	51	61	71
2-pipe									
HIGH SPEED									
Airflow	m3/h	1,100	1,200	1,150	2,100	2,300	2,200	3,100	2,950
► Cooling capacity	(1) kW	6,01	7,48	8,59	10,30	12,90	15,00	17,20	20,20
Sensible capacity	(1) kW	4,57	5,56	6,16	8,10	9,95	11,10	13,30	14,90
Water flow-rate	(1) l/h	1,034	1,287	1,477	1,772	2,219	2,580	2,958	3,474
Water pressure drop	(1) kPa	28,70	37,80	32,40	21,00	33,10	25,10	23,10	22,00
► Heating capacity	(2) kW	6,55	7,90	8,30	11,70	14,40	15,20	19,40	20,40
Water flow-rate	(2) l/h	1,127	1,359	1,428	2,012	2,477	2,614	3,337	3,509
Water pressure drop	(2) kPa	29,60	36,70	26,30	23,60	35,80	22,30	25,50	19,50
Total power input	W	179	179	179	330	330	330	409	409
MEDIUM SPEED									
Airflow	m3/h	913	1,008	978	1,953	2,139	2,068	2,821	2,714
► Cooling capacity	(1) kW	5,35	6,71	7,77	9,85	12,33	14,44	16,22	19,18
Sensible capacity	(1) kW	4,00	4,91	5,49	7,69	9,45	10,62	12,43	14,04
Water flow-rate	(1) l/h	921	1,155	1,336	1,694	2,121	2,483	2,790	3,299
Water pressure drop	(1) kPa	22,80	30,50	26,50	19,20	30,20	23,20	20,50	19,90
► Heating capacity	(2) kW	5,79	7,04	7,46	11,15	13,73	14,59	18,23	19,31
Water flow-rate	(2) l/h	996	1,211	1,283	1,918	2,361	2,510	3,136	3,321
Water pressure drop	(2) kPa	23,20	29,10	21,20	21,40	32,50	20,60	22,50	17,50
Total power input	W	138	138	138	290	290	290	340	340
LOW SPEED									
Airflow	m3/h	715	792	782	1,617	1,771	1,760	2,170	2,154
► Cooling capacity	(1) kW	4,60	5,78	6,76	8,76	10,97	13,06	13,79	16,62
Sensible capacity	(1) kW	3,36	4,13	4,67	6,72	8,25	9,46	10,30	11,90
Water flow-rate	(1) l/h	791	994	1,163	1,507	1,887	2,247	2,371	2,859
Water pressure drop	(1) kPa	16,80	22,60	20,10	15,20	23,90	19,00	14,80	14,90
► Heating capacity	(2) kW	4,93	6,01	6,44	9,85	12,12	13,12	15,34	16,58
Water flow-rate	(2) l/h	848	1,033	1,107	1,694	2,085	2,257	2,638	2,852
Water pressure drop	(2) kPa	16,80	21,20	15,80	16,70	25,30	16,60	15,90	12,90
Total power input	W	128	128	128	283	283	283	305	305
No. of supply fans	-	1	1	1	2	2	2	3	3
4-pipe									
HIGH SPEED									
Airflow	m3/h	1,050	1,140	-	2,000	2,170	2,670	2,930	-
► Cooling capacity	(1) kW	5,83	7,22	-	9,96	12,40	13,20	16,60	-
Sensible capacity	(1) kW	4,42	5,35	-	7,83	9,53	10,40	12,80	-
Water flow-rate	(1) l/h	1,003	1,242	-	1,713	2,133	2,270	2,855	-
Water pressure drop	(1) kPa	27,00	35,30	-	19,60	30,60	13,20	21,40	-
► Heating capacity	(3) kW	5,88	6,20	-	10,31	10,84	13,78	14,58	-
Water flow-rate	(3) l/h	505	533	-	887	933	1,185	1,254	-
Water pressure drop	(3) kPa	30,70	33,60	-	27,90	30,40	25,90	28,40	-
Total power input	W	175	175	-	330	330	409	409	-
MEDIUM SPEED									
Airflow	m3/h	893	980	-	1,880	2,040	2,456	2,725	-
► Cooling capacity	(1) kW	5,27	6,57	-	9,59	11,93	12,53	15,87	-
Sensible capacity	(1) kW	3,94	4,80	-	7,49	9,12	9,80	12,15	-
Water flow-rate	(1) l/h	907	1,131	-	1,649	2,053	2,156	2,730	-
Water pressure drop	(1) kPa	22,10	29,20	-	18,20	28,30	11,90	19,60	-
► Heating capacity	(3) kW	5,28	5,61	-	9,90	10,41	13,04	13,90	-
Water flow-rate	(3) l/h	454	482	-	851	895	1,121	1,195	-
Water pressure drop	(3) kPa	24,80	27,50	-	25,70	28,00	23,20	25,80	-
Total power input	W	138	138	-	290	290	340	340	-
LOW SPEED									
Airflow	m3/h	704	775	-	1,600	1,758	1,922	2,168	-
► Cooling capacity	(1) kW	4,55	5,68	-	8,67	10,88	10,77	13,77	-
Sensible capacity	(1) kW	3,32	4,06	-	6,67	8,20	8,22	10,32	-
Water flow-rate	(1) l/h	783	978	-	1,492	1,872	1,852	2,369	-
Water pressure drop	(1) kPa	16,50	21,90	-	14,90	23,50	8,80	14,80	-
► Heating capacity	(3) kW	4,52	4,80	-	8,90	9,44	11,09	11,95	-
Water flow-rate	(3) l/h	388	413	-	765	812	954	1,028	-
Water pressure drop	(3) kPa	18,10	20,20	-	20,80	23,00	16,80	19,10	-
Total power input	W	128	128	-	283	283	305	305	-
No. of supply fans	-	1	1	-	2	2	3	3	-
Standard power supply	V	220-240/1/50							
Type of supply fan	(4)	CFG							
H Sound pressure level	(5) dB(A)	58	59	59	62	63	63	62	62
M Sound pressure level	(5) dB(A)	53	54	54	60	61	61	59	59
L Sound pressure level	(5) dB(A)	47	48	48	54	55	55	52	52

Notes

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- (1) Entering exchanger water 7°C (temperature differential 5°C) - Ambient air 27°C D.B. / 19°C W.B.
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 (4) CFG = AC centrifugal fan

- (5) Sound levels tested in anechoic chamber and referring to units for 2-pipe systems. The sound pressure level refers to 1 m from the external surface of the unit operating in the open field.

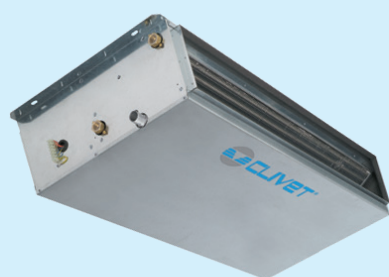
High Pressure

Water terminal unit

Uncased horizontal and vertical indoor installation

Ductable

Capacity from 6,8 to 25,5 kW



ELFODuct HP INH



The **ELFODuct HP** are the new generation air-treatment water terminal units ideal for installations where ducted air distribution is necessary. The units are designed for installation in suspended ceilings or lining walls and are characterized by their compactness and extremely low noise levels. The advantages of the new series are: Version for 2 and 4-pipe systems;

- Version for horizontal installations in suspended ceilings and version for vertical installations in lining walls;
- High energy efficiency thanks to the configuration with fan deck with DC Brushless motor;
- Available head up to **150 Pa**;
- Very low sound levels;
- Internal exchanger with large exchange surface, easily reversed water connections even on construction site;
- Complete accessories range for the full installation;
- Complete range of electromechanical and electronic thermostats and serial port RS485 with MODBUS protocol.

functions and features



Cool & heat



Vertical:
uncased



Horizontal:
uncased



Water

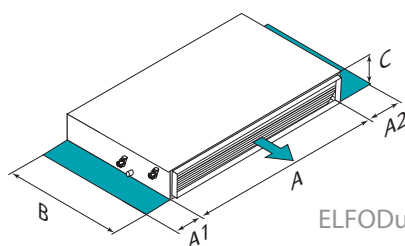


ELFOControl³



DC Motor

dimensions and clearances



ELFODuct HP INH

Size – ELFODUCT HP			015.0	021.0	025.0	031.0	041.0	051.0	061.0	071.0
CC2-INH	A - Length	mm	880	880	880	1280	1280	1280	1680	1680
CC2-INH	B - Width	mm	625	625	625	625	625	625	625	625
CC2-INH	C - Height	mm	275	275	275	275	275	275	275	275
CC2-INH	A1	mm	400	400	400	400	400	400	400	400
CC2-INH	A2	mm	200	200	200	200	200	200	200	200
CC2-INH	Operating weight	kg	37	38	40	52	54	57	70	73
CC4-INH	A - Length	mm	880	880	-	1280	1280	1680	1680	-
CC4-INH	B - Width	mm	625	625	-	625	625	625	625	-
CC4-INH	C - Height	mm	275	275	-	275	275	275	275	-
CC4-INH	A1	mm	400	400	-	400	400	400	400	-
CC4-INH	A2	mm	200	200	-	200	200	200	200	-
CC4-INH	Operating weight	kg	40	41	-	56	58	73	75	-

CAUTION! For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

CC2-INH 2 pipes-Horizontal uncased version

CC2-INV 2 pipes-Vertical uncased version

CC4-INH 4-pipe-Horizontal uncased version

CC4-INV 4-pipe-Vertical uncased version

VERSION:

- **INH** Horizontal uncased version (Standard)
 ► **INV** Vertical uncased version

WATER FITTINGS:

- **DX** Water fittings to the right (Standard)
 ► **SX** Water fittings to the left

COIL CONFIGURATION:

- **CC2** Coil configuration for 2-pipe system (Standard)
 ► **CC4** Coil configuration for 4-pipe system (sizes 015.0÷021.0, 031.0÷061.0)

RETURN:

- **RP** Rear intake (Standard)
 ► **R3** Downward air return
 ► **RF** Front air inlet

technical data

Size – ELFODUCT HP			015.0	021.0	025.0	031.0	041.0	051.0	061.0	071.0
2-pipe										
HIGH SPEED										
Airflow		m ³ /h	1.350	1.500	1.450	2.750	3.000	2.850	4.400	4.200
► Cooling capacity	(1)	kW	6,82	8,65	10,10	12,00	15,20	17,80	21,20	25,50
Sensible capacity	(1)	kW	5,30	6,58	7,38	9,78	12,10	13,50	17,20	19,40
Water flow-rate	(1)	l/h	1.173	1.488	1.737	2.064	2.614	3.062	3.646	4.386
Water pressure drop	(1)	kPa	35,80	39,50	38,50	28,10	38,40	30,70	29,80	25,10
► Heating capacity	(2)	kW	7,60	9,45	10,00	14,20	17,60	18,60	25,15	26,85
Water flow-rate	(2)	l/h	1.307	1.625	1.720	2.442	3.027	3.199	4.326	4.618
Water pressure drop	(2)	kPa	38,60	40,90	32,80	34,10	44,70	29,10	36,40	24,10
Total power input		W	212	212	212	390	390	390	570	570
MEDIUM SPEED										
Airflow		m ³ /h	1.080	1.200	1.175	2.448	2.670	2.537	4.048	3.906
► Cooling capacity	(1)	kW	5,94	7,53	8,87	11,17	14,14	16,56	20,13	24,38
Sensible capacity	(1)	kW	4,52	5,61	6,35	9,00	11,13	12,42	16,20	18,42
Water flow-rate	(1)	l/h	1.021	1.296	1.525	1.920	2.432	2.849	3.463	4.193
Water pressure drop	(1)	kPa	27,10	29,90	29,70	24,30	33,20	26,50	26,80	22,90
► Heating capacity	(2)	kW	6,56	8,16	8,71	13,15	16,30	17,23	23,81	25,60
Water flow-rate	(2)	l/h	1.128	1.403	1.497	2.262	2.803	2.963	4.095	4.403
Water pressure drop	(2)	kPa	28,70	30,50	24,80	29,30	38,30	24,90	32,60	21,90
Total power input		W	170	170	170	280	280	280	520	520
LOW SPEED										
Airflow		m ³ /h	783	885	870	1.540	1.680	1.625	3.036	2.982
► Cooling capacity	(1)	kW	4,87	6,24	7,36	8,38	10,61	12,57	16,84	20,62
Sensible capacity	(1)	kW	3,59	4,51	5,12	6,46	7,99	9,03	13,19	15,18
Water flow-rate	(1)	l/h	837	1.073	1.266	1.441	1.825	2.161	2.897	3.547
Water pressure drop	(1)	kPa	18,20	20,50	20,40	13,70	18,70	15,30	18,80	16,40
► Heating capacity	(2)	kW	5,31	6,68	7,14	9,69	12,01	12,85	19,69	21,43
Water flow-rate	(2)	l/h	913	1.148	1.228	1.667	2.066	2.209	3.387	3.685
Water pressure drop	(2)	kPa	18,80	20,40	16,70	15,90	20,80	13,90	22,30	15,40
Total power input		W	128	128	128	175	175	175	430	430
No. of supply fans		-	1	1	1	2	2	2	3	3
4-pipe										
HIGH SPEED										
Airflow		m ³ /h	1.270	1.400	-	2.570	2.800	3.800	4.100	-
► Cooling capacity	(1)	kW	6,57	8,28	-	11,50	14,60	16,10	20,30	-
Sensible capacity	(1)	kW	5,07	6,25	-	9,33	11,50	13,30	16,40	-
Water flow-rate	(1)	l/h	1.130	1.424	-	1.978	2.511	2.769	3.492	-
Water pressure drop	(1)	kPa	33,20	36,20	-	25,80	35,40	19,50	27,20	-
► Heating capacity	(3)	kW	10,76	11,47	-	19,82	20,98	28,36	29,87	-
Water flow-rate	(3)	l/h	925	986	-	1.705	1.804	2.439	2.569	-
Water pressure drop	(3)	kPa	28,70	31,80	-	26,20	28,80	24,10	26,20	-
Total power input		W	212	212	-	390	390	570	570	-
MEDIUM SPEED										
Airflow		m ³ /h	1.041	1.162	-	2.262	2.492	3.534	3.854	-
► Cooling capacity	(1)	kW	5,81	7,38	-	10,63	13,58	15,39	19,54	-
Sensible capacity	(1)	kW	4,40	5,47	-	8,52	10,58	12,63	15,69	-
Water flow-rate	(1)	l/h	999	1.269	-	1.827	2.336	2.647	3.360	-
Water pressure drop	(1)	kPa	25,90	28,70	-	22,00	30,60	17,90	25,20	-
► Heating capacity	(3)	kW	9,44	10,14	-	18,22	19,43	27,03	28,67	-
Water flow-rate	(3)	l/h	811	872	-	1.567	1.671	2.325	2.466	-
Water pressure drop	(3)	kPa	22,10	24,90	-	22,10	24,70	21,90	24,20	-
Total power input		W	170	170	-	280	280	520	520	-
LOW SPEED										
Airflow		m ³ /h	775	854	-	1.465	1.624	2.736	2.993	-
► Cooling capacity	(1)	kW	4,84	6,09	-	8,12	10,42	13,13	16,70	-
Sensible capacity	(1)	kW	3,56	4,39	-	6,24	7,79	10,51	13,09	-
Water flow-rate	(1)	l/h	832	1.048	-	1.396	1.791	2.259	2.873	-
Water pressure drop	(1)	kPa	18,00	19,60	-	12,80	18,00	13,00	18,40	-
► Heating capacity	(3)	kW	7,77	8,28	-	13,69	14,65	22,84	24,27	-
Water flow-rate	(3)	l/h	668	712	-	1.177	1.260	1.964	2.087	-
Water pressure drop	(3)	kPa	15,00	16,60	-	12,50	14,10	15,60	17,30	-
Total power input		W	128	128	-	175	175	430	430	-
No. of supply fans		-	1	1	-	2	2	3	3	-
Standard power supply		V	220-240/1/50							
Type of supply fan	(4)	-	CFG							
H Sound pressure level	(5)	dB(A)	58	59	59	61	65	62	63	63
M Sound pressure level	(5)	dB(A)	52	53	53	57	58	58	62	62
L Sound pressure level	(5)	dB(A)	44	45	45	46	47	47	57	57

Notes

The Product is compliant with the Erp (Energy Related Products) European Directive. It includes the Commission delegated Regulation (EU) No 2016/2281, also known as Ecodesign Lot21.

- (1) Entering exchanger water 7°C (temperature differential 5°C) - Ambient air 27°C D.B. / 19°C W.B.
 (2) Entering exchanger water 45°C (temperature differential 5°C) - Ambient air 20°C
 (3) Entering exchanger water 65°C (temperature differential 10°C) - Ambient air 20°C

(4) CFG = AC centrifugal fan

(5) Sound levels tested in anechoic chamber and referring to units for 2-pipe systems. The sound pressure level refers to 1 m from the external surface of the unit operating in the open field.



توسعه تاسیسات آترینا atrina

نماینده انحصاری شرکت کلیوت ایتالیا در ایران

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