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...Heating Sensation...

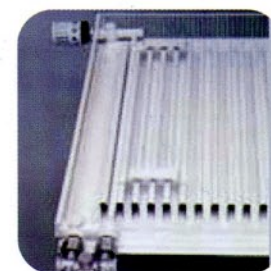


TABELLA DEL FATTORE DI CORREZIONE PER ΔT DIVERSI DA 50° EN 442
TABLEAU DES COEFFICIENTS DE CORRECTION POUR TEMPERATURES DIFFÉRENTES AU ΔT 50° EN 442
CONVERSION FACTORS FOR TEMPERATURES DIFFERENT FROM ΔT 50° EN 442
HEIZKÖRPER AUSLEGUNG FÜR NORMAL - UND NIEDERTEMPERATURBEREICH (NT) ΔT 50° EN 442

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	90				85				80				75				70			
	85	80	75	70	80	75	70	65	75	70	65	60	70	65	60	55	65	60	55	50
18	0.65	0.68	0.72	0.75	0.72	0.75	0.80	0.84	0.80	0.84	0.88	0.95	0.88	0.95	1.01	1.08	1.01	1.08	1.18	1.26
19	0.66	0.69	0.73	0.77	0.73	0.77	0.81	0.86	0.81	0.86	0.92	0.97	0.92	0.97	1.04	1.11	1.04	1.11	1.20	1.30
20	0.68	0.71	0.75	0.78	0.75	0.78	0.84	0.88	0.84	0.88	0.95	1.00	0.95	1.00	1.05	1.15	1.05	1.15	1.26	1.34
21	0.69	0.72	0.76	0.80	0.76	0.80	0.85	0.90	0.85	0.90	0.96	1.03	0.96	1.03	1.10	1.18	1.10	1.18	1.28	1.39
22	0.70	0.74	0.77	0.82	0.77	0.82	0.88	0.92	0.88	0.92	0.97	1.05	0.97	1.05	1.12	1.22	1.13	1.22	1.34	1.43
	65				60				55				50				45			
	60	55	50	45	55	50	45	40	50	45	40	35	45	40	35	30	40	35	30	25
18	1.15	1.26	1.34	1.49	1.34	1.49	1.60	1.79	1.60	1.8	2.05	2.26	2.05	2.26	2.64	2.97	2.64	2.97	-	-
19	1.20	1.30	1.41	1.54	1.41	1.54	1.70	1.88	1.70	1.88	2.10	2.37	2.10	2.37	2.71	3.14	2.71	3.14	-	-
20	1.22	1.34	1.43	1.60	1.43	1.60	1.72	1.95	1.72	1.96	2.26	2.49	2.26	2.49	2.97	3.34	2.97	3.34	-	-
21	1.28	1.39	1.51	1.66	1.51	1.66	1.84	2.05	1.84	2.05	2.31	2.64	2.31	2.64	3.05	-	3.05	-	-	-
22	1.30	1.43	1.54	1.73	1.54	1.72	1.87	2.15	1.87	2.15	2.50	2.78	2.49	2.78	3.34	-	3.34	-	-	-

APOLLO THERM

STANDARD LIGHT

22^K
DK

102 55

Δ 60 (90/70/20°C)

H mm		500		600	
I		450		550	
L		Kcal/h	Watt	Kcal/h	Watt
300		-	-	563	654
400		646	751	749	872
500		808	940	937	1090
600		941	1094	1091	1269
700		1131	1314	1312	1525
800		1292	1503	1499	1743
900		1454	1690	1687	1961
1000		1615	1879	1874	2180
1100		1777	2066	2061	2398
1200		1938	2254	2248	2615
1300		2100	2442	2436	2833
1400		2261	2630	2623	3051
1600		2584	3004	2998	3487
1800		2907	3380	3373	3921
2000		3229	3756	3747	4357
2200		3553	4132	4122	4793
2400		3875	4508	4496	5229
2600		4200	4883	4871	5665
2800		4521	5259	5246	6101
3000		4845	5634	5620	6536

 EN 442 FORN NORMA		ΔT_{50} Watt/ m (75/65)	LUX		LIGHT
RADIATOR TYPE	SIZES		Watt./m	Water content (Lt/	Watt./m
	Radiator Height	Exponent			
11 	300	-	-	-	-
	400	-	-	-	-
	500	1.29	836	2,65	-
	600	1.31	965	3,15	-
	800	1.32	1240	4,00	-
21 	300	-	-	3,35	-
	400	-	-	4,20	-
	500	-	1157	5,26	-
	600	-	1350	6,20	-
	800	-	1689	7,90	-
22 	300	-	975	3,45	-
	400	1,27	1245	4,30	-
	500	1.33	1502	5,36	1232
	600	1.35	1786	6,30	1465
	800	1.38	2193	8,00	-
33 	300	-	1409	5,01	-
	400	1,30	1778	6,45	-
	500	1.34	2154	8,04	-
	600	1.36	2450	9,45	-
	800	1.38	3120	12,00	-

Radiatoarele APOLLO EXTRA reprezinta produsul cu o inalta estetica, fiind si primele in topul calitatii. Varietatea de modele, finalizate cu albul stralucitor RAL 9010 si manopera ingrijita ofera raspunsul perfect la orice cerinta a constructorilor si arhitectilor. Radiatoarele APOLLO EXTRA sunt produse in 5 inaltimi (300-400-500-600-800 mm), 3 grosimi (11-22-33 mm) si o varietate de lungimi cuprinse intre 300 si 3000 mm.

DATE TEHNICE

Radiatorul APOLLO EXTRA sub numele de ramura FAVERO GROUP sunt produse din otel de calitate (DIN 10130) cu grosimea de 1,25 mm. Presiunea de lucru este 8 bari, fiind testate la 10 bari. Multumita peretilor dubli din ambele parti, cu o structura cu aripiore speciala, productiva, prin care circula apa, radiatoarele din otel garanteaza un sistem de incalzire foarte economic, care concureaza cu o mare eficienta in competitia cu celelalte tipuri de radiatoare de pe piata. Radiatoarele APOLLO EXTRA nu sunt numai o solutie excelenta pentru traditionalele sisteme cu o teava sau doua, (care lucreaza la 90/70°C), dar sunt de altfel recomandate si in sistemele de incalzire cu temperaturi scazute (70/55°C). Conexiunea laterala pentru diametre de 1/2" este cu filet interior, (mama).

AMBALARE

Radiatoarele APOLLO EXTRA sunt protejate de un excelent si adecvat ambalaj. O foaie de carton acopera partile de sus si de jos si intregul radiator este protejat de o folie puternica de polietilena. Ambalajul a fost studiat pentru a proteja radiatorul in timpul instalarii, pina la inceperea incalzirii. Radiatorul APOLLO EXTRA este tratat cu un sistem adecvat de fosfat solubil in apa, apoi incalzit la 180°C. conf. DIN 55900. O vopsea epoxidica, culoarea RAL 9010, este folosita pentru finisare, care apoi este uscata in cuptor la 220°C..

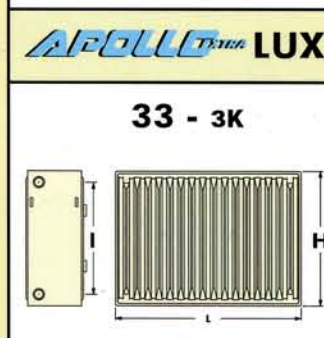
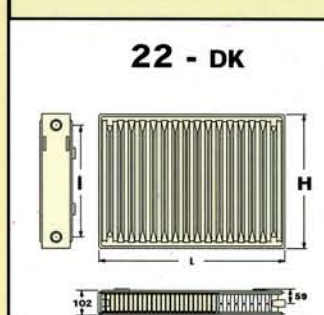
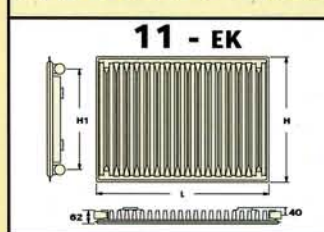
DATE TEHNICE

Radiatorul APOLLO EXTRA a fost creat pentru a satisface toate cerintele de instalare cind spatiul este redus. Este unul dintre putinele radiatoare care are 6 fittinguri cu diametrul de 1/2" (patru laterali, iar doua la partea inferioara la 50 mm unul de altul). Poate fi instalat foarte usor in sistemele cu una sau doua tevi. Radiatorul APOLLO EXTRA ofera 16 tipuri diferite de fittinguri ca sa satisfaca toate cerintele arhitecturale.

Az APOLLO EXTRA radiátorok esztétikum és minőség szempontjából a legkiválóbb termékek csoportjába tartoznak. A különböző, RAL 9010 csillogó fehér festékkel bevont modellek és a gondos kivitelezés biztosítja az építész és a műépítész bármely igényének kielégítését. Az APOLLO EXTRA radiátorokat ötféle magasságban (300 – 400 – 500 – 600 – 800 mm), háromféle vastagságban (11 – 22 – 33 mm) és 300 – 3000 mm hosszúságban gyártják.

TECHNIKAI ADATOK

Az APOLLO EXTRA, ágazati nevén FAVERO GROUP radiátorok minőségi, 1,25 mm vastagságú DIN 10130 acélból készülnek. A radiátorok üzemnyomása 8 bar, működésük ellenőrzése 10 bar nyomáson történik. A mindkét oldalon elhelyezkedő kettős, szárnyas struktúrájú, meleg vízzel átfűtött falaknak köszönhetően biztosítják a gazdaságos fűtést, amely vetekedik más radiátorgyártók termékeivel. Az APOLLO EXTRA radiátorok nemcsak a hagyományos, egy- vagy kétszöves (90/70°C), hanem az alacsonyabb hőlépcsőjű (70/55°C) fűtési rendszerek számára is kitűnő megoldást jelentenek. A 1/2" átmérőjű bekötő csatlakozások belső menettel



H mm.	I mm.	EN 442	L mm. ELEM.	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
500	450	COMP. 41,8 NAKED 44,2	Kcal/h Watt	434 504	542 630	630 733	758 881	866 1008	974 1132	1082 1259	1298 1509	1515 1761	1732 2013	1947 2264	2163 2515	2380 2767	2596 3018	2813 3271	3030 3523	3245 3774
600	550	COMP. 48,3 NAKED 51,0	Kcal/h Watt	503 585	628 730	731 850	879 1023	1006 1168	1130 1314	1255 1461	1506 1752	1758 2044	2009 2336	2260 2628	2511 2920	2762 3212	3013 3504	3264 3796	3515 4088	3766 4380
800	750	COMP. 62,0 NAKED 65,5	Kcal/h Watt	672 781	840 977	978 1137	1176 1367	1344 1563	1512 1758	1680 1953	2015 2344	2351 2734	2686 3124	3022 3515	3358 3905	3694 4296	4030 4687	4366 5077	4702 5468	5038 5858
300	250	-	Kcal/h Watt	-	-	746 867	-	1025 1192	-	1281 1489	1537 1787	1793 2086	2049 2383	2305 2681	2561 2979	2817 3276	3073 3574	3329 3871	3585 4170	3842 4468
400	350	COMP. 62,25 NAKED 65,75	Kcal/h Watt	-	-	941 1094	1131 1315	1293 1503	1453 1690	1615 1878	1832 2254	2261 2629	2584 3005	2906 3380	3229 3756	3553 4132	3876 4507	4198 4882	4521 5258	4844 5634
500	450	COMP. 75,1 NAKED 79,4	Kcal/h Watt	788 916	985 1146	1148 1334	1379 1603	1575 1833	1773 2061	1970 2291	2363 2749	2757 3207	3151 3664	3545 4122	3938 4580	4333 5039	4726 5497	5122 5955	5514 6413	5908 6871
600	550	COMP. 87,7 NAKED 92,6	Kcal/h Watt	914 1063	1143 1329	1331 1548	1600 1860	1828 2126	2057 2392	2285 2658	2741 3189	3199 3721	3656 4252	4113 4782	4570 5314	5027 5845	5483 6377	5940 6908	6397 7440	6854 7971
800	750	COMP. 110 NAKED 116,2	Kcal/h Watt	1176 1367	1469 1708	1711 1990	2057 2392	2350 2733	2644 3075	2938 3416	3525 4100	4113 4782	4701 5466	5287 6149	5875 6833	6462 7515	7050 8199	7638 8882	8224 9565	8812 10248
300	250	-	Kcal/h Watt	-	-	1095 1272	-	1503 1748	-	1878 2184	2255 2621	2630 3058	3005 3495	3381 3932	3757 4369	4132 4806	4508 5243	4883 5680	5260 6117	5635 6553
400	350	COMP. 88,9 NAKED 93,9	Kcal/h Watt	-	1161 1340	1393 1619	1673 1946	1912 2224	2152 2501	2390 2780	2868 3336	3346 3892	3824 4448	4302 5002	4780 5558	5258 6114	5736 6670	6213 7226	6692 7782	7170 8338
500	450	COMP. 108 NAKED 114,1	Kcal/h Watt	1152 1340	1440 1675	1678 1952	2017 2346	2305 2681	2593 3016	2881 3351	3457 4021	4033 4691	4610 5361	5186 6031	5763 6701	6339 7371	6915 8042	7491 8711	8067 9381	8643 10052
600	550	COMP. 123 NAKED 130	Kcal/h Watt	1345 1564	1681 1954	1957 2276	2352 2735	2688 3126	3024 3516	3360 3908	4032 4689	4704 5470	5376 6252	6047 7033	6719 7814	7391 8595	8063 9377	8735 10158	9406 10939	10078 11722
800	750	COMP. 156 NAKED 164,8	Kcal/h Watt	1712 1992	2141 2490	2494 2900	2997 3486	3425 3983	3852 4481	4281 4979	5137 5974	5781 6970	6849 7965	7706 8961	8561 9957	9417 10952	10274 11948	11130 12943	11986 13939	12842 14935
500	450	COMP. 55 NAKED 58	Kcal/h Watt	571 664	847 930	987 966	1186 1161	1354 1327	1524 1993	1694 1658	2031 1991	2370 2323	2709 2654	3048 2986	3385 3318	3725 3650	4063 3982	4403 4313	4740 4645	5079 4977
600	550	COMP. 64,1 NAKED 67,5	Kcal/h Watt	786 770	983 963	1144 1121	1376 1348	1572 1540	1768 1733	1964 1925	2356 2310	2750 2695	3143 3080	3536 3464	3929 3845	4322 4234	4714 4619	5107 5004	5499 5389	5892 5774
800	750	COMP. 81 NAKED 85	Kcal/h Watt	1011 990	1263 1237	1471 1441	1768 1733	2020 1980	2273 2228	2526 2475	3030 2970	3536 3464	4041 3959	4545 4454	5051 4949	5555 5444	6061 5939	6565 6357	7070 6928	7575 7424

Transferul de caldura este calculat in Kcal/h cu formula $\Delta t 60^\circ\text{C}$ (90°C/70°C/20°C). Daca se fixeaza gratarul reducerea de putere este de 5,33%. Pentru radiatoarele light reducerea de putere este de 20%.
A hőátadás kcal/h-ban a $\Delta t 60^\circ\text{C}$ (90°C/70°C/20°C) képlettel számítható ki. A rács rögzítésével a teljesítmény-csökkenés 5,33%-os. Light radiátorok esetén a teljesítmény-csökkenés 20%-os.
 $\Delta T 60$ (90/70/20°C) according to norm UNI 6514 when supplied with grills fitted lower power 5.33% estimated.



Manufactured with the best production technologies to offer efficient convection and radiation, the new production of APOLLO EXTRA panels guarantees maximum yield in perfect comfort. These new panels have high heat radiance which is particularly important for system operating at low temperature. The well-produced design adapts to any furniture solution and the absence of sharp edges ensures perfect safety even very open rooms. **Main Features** A wide range of models subdivided into five heights and three thicknesses. Better heat emission than any other traditional heating body; Prompt working of the heating system. Easy to install even in remaining spaces. Top reliability guaranteed by careful finish and testing.

TECHNICAL CHARACTERISTICS
Material: Cold-rolled steel sheet, half sheet initial thickness 12/10 mm, convectors initial thickness 04/10 mm.
Testing: Test pressure at 10 Bar. Maximum operating pressure 8 Bar.
Connections: N°4, gas connection diam. 1/2".
Painting: degreasing with hot phosphating. First coat with water-soluble primer and baking at 180°C according to DIN 55900 standard. Second coat with polyester epoxide powders, colour RAL 9010 (ice) baked at 220°C.
Packing: Every radiator is packed in ondulated cardboard and protected by a sheet of tough thermoretractile polyethylene.