

AIR COOLED CONDENSING UNITS

UNITÀ CONDENSANTI AD ARIA

TECHNICAL DATA - DATI TECNICI

RANGE R452A, R404A MHBP

1 PHASE (220-240/1/50)



CODE	MODEL	COMPRESSOR	HP	W -10	W -5	W 0	W +7	IN	OUT	P	L	H			
Valve expansion 1 fan - Unità a valvola 1 ventola (fig. A)															
02032.7	UCHG 12 A	Embraco	EMT 6144 GK	1/6	314	360	429	538	3/8" -10	1/4" -6	500	340	270		
02032.8	UCHG 20 A		EMT 6152 GK	1/5	364	420	499	629							
02032.9	UCHG 25 A		EMT 6165 GK	1/4	440	499	596	746							
02033.1	UCHG 28 A		NEK 6181 GK	1/4P	498	585	717	929							
02034.1	UCHG 33 A		NEK 6210 GK	1/3	613	714	855	1.082					300		
02035.1	UCHG 50 A		NEK 6213 GK	1/2	919	1.058	1.265	1.580							
02036.7	UCHG 58 A		NEK 6217 GK	5/8	1.031	1.197	1.431	1.791					540	400	350
02037.2	UCHG 70 A		NT 6220 GK	3/4L	1.129	1.280	1.510	1.891							
02037.7	UCHG 75 A		NT 6222 GK	3/4	1.248	1.442	1.719	2.142							
02039.2	UCHG 100 A		NT 6226 GK	1	1.655	1.924	2.321	2.949					1/2" -12	3/8" -10	570
02040	UCHG 120 A	NJ 9232 GK	1,2	2.253	2.928	3.182	4.070								
02040.2	UCHG 150 A	NJ 9238 GK	1,5	2.585	2.956	3.509	4.363	5/8" ods	3/8" ods	600	510	355			
14902.4	UCHG 180 U	Tecumseh	FH 4522 Z	1,8	2.820	3.273	3.725						4.610		



A

Valve expansion 2 fans - Unità a valvola 2 ventole (fig. B)													
02042	UCHG 50 A 2	Embraco	NEK 6213 GK	1/2	1.011	1.164	1.391	1.738	3/8" -10	1/4" -6	475	620	300
02042.7	UCHG 58 A 2		NEK 6217 GK	5/8	1.134	1.317	1.574	1.970					
02042.8	UCHG 75 A 2		NT 6222 GK	3/4	1.372	1.586	1.891	2.356					
02043.7	UCHG 100 A 2		NT 6226 GK	1	1.820	2.117	2.553	3.243					
02044	UCHG 120 A 2		NJ 9232 GK	1,2	2.479	2.891	3.501	4.477					
02045	UCHG 150 A 2	NJ 9238 GK	1,5	2.844	3.251	3.860	4.800						
14920.3	UCHG 180 U 2	Tecumseh	FH 4522 Z	1,8	3.170	3.600	4.098	5.071	5/8" ods	3/8" ods	550		355



B

Capillary 1 fan - Unità a capillare 1 ventola (fig. C)																	
02048.70	UCSHG 12 A	Embraco	EMT 6144 GK	1/6	314	360	429	538	3/8" -10	1/4" -6	500	340	270				
02048.71	UCSHG 20 A		EMT 6152 GK	1/5	364	420	499	629									
02048.72	UCSHG 25 A		EMT 6165 GK	1/4	440	499	596	746									
02048.6	UCSHG 28 A		NEK 6181 GK	1/4P	498	585	717	929									
02048.8	UCSHG 33 A		NEK 6210 GK	1/3	613	714	855	1.082					3/8" -10	1/4" -6	500	340	300
02048.10	UCSHG 50 A		NEK 6213 GK	1/2	919	1.058	1.265	1.580									
02048.73	UCSHG 58 A		NEK 6217 GK	5/8	1.031	1.197	1.431	1.791					1/2" -12	3/8" -10	540	400	350
02048.74	UCSHG 75 A		NT 6222 GK	3/4	1.248	1.442	1.719	2.142									
02048.18	UCSHG 100 A		NT 6226 GK	1	1.655	1.924	2.321	2.949									



C

Capillary without valves 1 fan - Unità a capillare a saldare 1 ventola (fig. D)																	
02048.90	UCSHG 12 A sa	Embraco	EMT 6144 GK	1/6	314	360	429	538	3/8" -10	1/4" -6	500	340	270				
02048.91	UCSHG 20 A sa		EMT 6152 GK	1/5	364	420	499	629									
02048.92	UCSHG 25 A sa		EMT 6165 GK	1/4	440	499	596	746									
02048.23	UCSHG 28 A sa		NEK 6181 GK	1/4P	498	585	717	929									
02048.24	UCSHG 33 A sa		NEK 6210 GK	1/3	613	714	855	1.082					3/8" -10	1/4" -6	500	340	300
02048.25	UCSHG 50 A sa		NEK 6213 GK	1/2	919	1.058	1.265	1.580									



D

3 PHASE (400-440/3/50-60)

CODE	MODEL	COMPRESSOR	HP	W -10	W -5	W 0	W +7	IN	OUT	P	L	H	
Valve expansion 1 fan - Unità a valvola 1 ventola (fig. A)													
02047	TUCHG 100 A	Embraco	NJ 9226 GS	1	1.655	1.924	2.321	2.949	1/2" -12	3/8" -10	540	400	350
02047.1	TUCHG 120 A		NJ 9232 GS	1,2	2.253	2.628	3.182	4.070					
02047.2	TUCHG 150 A		NJ 9238 GS	1,5	2.585	2.956	3.509	4.363					
Valve expansion 2 fans - Unità a valvola 2 ventole (fig. B)													
02047.4	TUCHG 100 A 2	Embraco	NJ 9226 GS	1	1.820	2.117	2.553	3.243	1/2" -12	3/8" -10	465	730	350
02047.5	TUCHG 120 A 2		NJ 9232 GS	1,2	2.479	2.891	3.501	4.477					
02047.6	TUCHG 150 A 2		NJ 9238 GS	1,5	2.844	3.251	3.860	4.800					
14920.4	TUCHG 180 U 2	Tecumseh	TFH 4522 Z	1,8	3.170	3.600	4.098	5.071	5/8" ods	3/8" ods	550	1.060	545
14922.5	TUCHG 260 U 2		TFH 4531 Z	2,6	3.887	4.296	5.486	6.765					
14924.5	TUCHG 330 U 2		TFH 4540 Z	3,3	4.597	5.056	6.435	7.911					
14926.4	TUCHG 380 U 2		TAG 4546 Z	3,8	5.541	6.281	8.163	10.345					
14926.5	TUCHG 440 U 2		TAG 4553 Z	4,4	6.013	6.771	8.759	10.963					



Test conditions $T_{ev} = -10^{\circ}\text{C}$
 Condensing temperature $+45^{\circ}\text{C}$,
 External temperature $+32^{\circ}\text{C}$,
 Gas overheating 6K,
 Liquid undercooling 8K (1 fan)



Condizioni di resa a $T_{ev} = -10^{\circ}\text{C}$
 Temp. di condensazione $+45^{\circ}\text{C}$,
 Temperatura ambiente $+32^{\circ}\text{C}$,
 Surriscaldamento gas 6K,
 Sottoraffreddamento liquido 8K
 (1 ventola)

AIR COOLED CONDENSING UNITS

UNITÀ CONDENSANTI AD ARIA

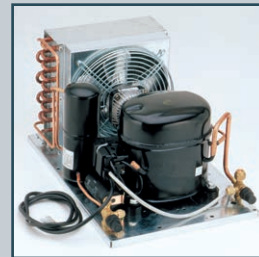


TECHNICAL DATA - DATI TECNICI

RANGE R452A, R404A LBP

1 PHASE (220-240/1/50)

CODE	MODEL	COMPRESSOR	HP	W-40	W-35	W-30	W-23	IN	OUT	P	L	H	
Valve expansion 1 fan - Unità a valvola 1 ventola (fig. A)													
02013.7	UCG 33 A	Embraco	EMT 2125 GK	1/3	100	150	215	325	3/8" -10	1/4" -6	500	340	270
02014	UCG 40 A		NEK 2130 GK	1/3P	115	178	257	386	3/8" -11	1/4" -7			
02011.7	UCG 50 A		NEK 2134 GK	1/2	130	217	313	473	3/8" -10	1/4" -6			
02012.7	UCG 58 A		NEK 2150 GK	5/8	195	254	349	538	3/8" -11	1/4" -7			
02018.7	UCG 75 A		NEK 2168 GK	3/4	253	344	462	683	3/8" -10	1/4" -6	540	400	350
02022.7	UCG 90 A		NT 2180 GK	7/8	307	419	560	813	3/8" -10	1/2" -12			
02023.7	UCG 120 A		NT 2192 GK	1,2	372	534	727	1.059	3/8" -10	3/8" -10			
02025.7	UCG 150 A		NT 2212 GK	1,5	429	639	902	1.359	5/8" ods	3/8" ods			
14902.5	UCG 200 U	Tecumseh	FH 2480 Z	2	855	1.248	1.640	2.225	5/8" ods	3/8" ods	600	510	430



A

Valve expansion 2 fans - Unità a valvola 2 ventole (fig. B)													
02031	UCG 150 A 2	Embraco	NT 2212 GK	1,5	472	703	992	1.495	1/2" -12	3/8" -10	475	730	350
14920.3	UCG 200 U 2	Tecumseh	FH 2480 Z	2	1.025	1.495	1.965	2.670	5/8" sald	3/8" sald	550		355



B

Capillary 1 fan - Unità a capillare 1 ventola (fig. C)													
02049.70	UCSG 33 A	Embraco	EMT 2125 GK	1/3	100	150	215	325	3/8" -10	1/4" -6	500	340	270
02049.71	UCSG 50 A		NEK 2134 GK	1/2	130	217	313	473		3/8" -11			
02049.72	UCSG 58 A		NEK 2150 GK	5/8	195	254	349	538	3/8" -10	1/4" -6	540	400	350
02049.73	UCSG 75 A		NEK 2168 GK	3/4	253	344	462	683	3/8" -10	1/4" -6			
02049.74	UCSG 90 A		NT 2180 GK	7/8	307	419	560	813	1/2" -12	3/8" -10			
02049.75	UCSG 120 A		NT 2192 GK	1,2	372	534	727	1.059	3/8" -10	3/8" -10			



C

Capillary without valves 1 fan - Unità a capillare a saldare 1 ventola (fig. D)													
12989.7	UCSG 33 A sa	Embraco	EMT 2125 GK	1/3	100	150	215	325	3/8" -10	1/4" -6	500	340	270
12990.7	UCSG 50 A sa		NEK 2134 GK	1/2	130	217	313	473		3/8" -11			
12991.7	UCSG 58 A sa		NEK 2150 GK	5/8	195	254	349	538	3/8" -10	1/4" -6	540	400	300
12992.7	UCSG 75 A sa		NEK 2168 GK	3/4	253	344	462	683	3/8" -10	1/4" -6			
12992.8	UCSG 90 A sa		NT 2180 GK	7/8	307	419	560	813	1/2" -12	3/8" -10			

3 PHASE (400-440/3/50-60)

CODE	MODEL	COMPRESSOR	HP	W-40	W-35	W-30	W-23	IN	OUT	P	L	H	
Valve expansion 1 fan - Unità a valvola 1 ventola (fig. A)													
02029	TUCG 120 A	Embraco	NJ 2192 GS	1,2	372	534	727	1.059	1/2" -12	3/8" -10	540	400	350
02030.1	TUCG 150 A		NJ 2212 GS	1,5	429	639	902	1.359					
Valve expansion 2 fans - Unità a valvola 2 ventole (fig. B)													
02029.4	TUCG 150 A 2	Embraco	NJ 2212 GS	1,5	472	703	992	1.495	1/2" -12	3/8" -10	465	730	350
14920.6	TUCG 200 U 2	Tecumseh	TFH 2480 Z	2	1.025	1.495	1.965	2.150	5/8" ods	3/8" ods	550		355
14922.6	TUCG 400 U 2		TAG 2516 Z	4	1.645	2.638	3.630	4.123	1 1/8" ods			1/2" ods	
14924.6	TUCG 550 U 2		TAG 2522 Z	5,5	2.133	3.129	4.125	4.877					



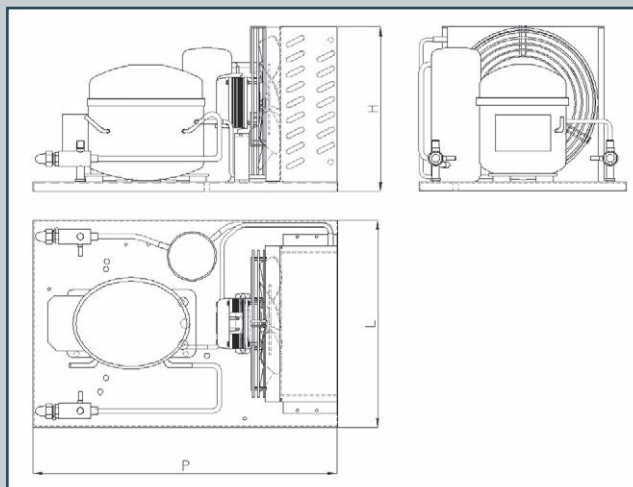
D



Test conditions $T_{ev} = -30^{\circ}\text{C}$
 Condensing temperature $+45^{\circ}\text{C}$,
 External temperature $+32^{\circ}\text{C}$,
 Gas overheating 6K, liquid undercooling 8K (1 fan)



Condizioni di resa a $T_{ev} = -30^{\circ}\text{C}$
 Temperatura di condensazione $+45^{\circ}\text{C}$,
 Temperatura ambiente $+32^{\circ}\text{C}$,
 Surriscaldamento gas 2K,
 Sottoraffreddamento liquido 8K (1 ventola)



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