

AIR COOLED CONDENSING UNITS

UNITÀ CONDENSANTI AD ARIA



TECHNICAL DATA - DATI TECNICI

RANGE R134a 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)													
02050	UCHZ 12 A	Embraco	EMT 6144 Z	1/6	235	323	410	510	3/8" -10	1/4" -6	500	340	270
02051.7	UCHZ 20 A		EMT 6160 Z		338	462	586	733	3/8" -11	1/4" -7			
02052.7	UCHZ 25 A		EMT 6170 Z	1/5	437	539	640	942					3/8" -10
02054.7	UCHZ 33 A		NEK 6187 Z	1/3	488	694	900	1.082	3/8" -10	1/4" -6			
02056.7	UCHZ 50 A		NEK 6214 Z	1/2	734	957	1.180	1.465					3/8" -10
02055.7	UCHZ 58 A		NT 6215 Z	5/8	884	1.167	1.450	2.117	3/8" -10	1/4" -6			
02057.7	UCHZ 75 A		NT 6220 Z	3/4	1.093	1.467	1.840	2.384					1/2" -12
02059	UCHZ 100 A	NJ 6226 Z	1	1.477	1.946	2.415	3.280	5/8" ods	3/8" ods				
14902.2	UCHZ 150 U	Tecumseh	FH 4518 Y	1,5	2.270	2.870	3.470			4.490	510	600	430
14904.3	UCHZ 210 U		FH 4525 Y	2,1	3.305	4.148	4.990	6.510	550	725			



A

CODE	MODEL	COMPRESSOR	HP	W -10	W -5	W 0	W +7	IN	OUT	P	L	H	
Capillary 1 fan - Unità a capillare 1 ventola (fig. B)													
02064.7	UCSHZ 12 A	Embraco	EMT 6144 Z	1/6	235	323	410	510	3/8" -10	1/4" -6	500	340	270
02065.7	UCSHZ 20 A		EMT 6160 Z		338	462	586	733	3/8" -11	1/4" -7			
02066.7	UCSHZ 25 A		EMT 6170 Z	1/5	437	539	640	942					3/8" -10
02067.7	UCSHZ 33 A		NEK 6187 Z	1/3	488	694	900	1.082	3/8" -10	1/4" -6			
02068.7	UCSHZ 50 A		NEK 6214 Z	1/2	734	957	1.180	1.465					3/8" -10
02069.7	UCSHZ 58 A		NT 6215 Z	5/8	884	1.167	1.450	2.117	3/8" -10	1/4" -6			
02070	UCSHZ 75 A		NJ 6220 Z	3/4	1.093	1.467	1.840	2.384					1/2" -12
02070.7	UCSHZ 75 A	NT 6220 Z											
02071	UCSHZ 100 A	NJ 6226 Z	1	1.477	1.946	2.415	3.280	540	400	350			



B

CODE	MODEL	COMPRESSOR	HP	W -10	W -5	W 0	W +7	IN	OUT	P	L	H	
Capillary without valves 1 fan - Unità a capillare a saldare 1 ventola (fig. C)													
02075.70	UCSHZ 12 A sa	Embraco	EMT 6144 Z	1/6	235	323	410	510	3/8" -10	1/4" -6	500	340	270
02075.71	UCSHZ 20 A sa		EMT 6160 Z		338	462	586	733	3/8" -11	1/4" -7			
02075.72	UCSHZ 25 A sa		EMT 6170 Z	1/5	437	539	640	942					3/8" -10
02075.73	UCSHZ 33 A sa		NEK 6187 Z	1/3	488	694	900	1.082	3/8" -10	1/4" -6			
02075.74	UCSHZ 50 A sa		NEK 6214 Z	1/2	734	957	1.180	1.465					3/8" -10



C



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



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

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)													
02061	TUCHZ 75 A	Embraco	NJ 6220 ZX	3/4	1.093	1.467	1.840	2.384	1/2" -12	3/8" -10	540	400	350
02063	TUCHZ 100 A		NJ 6226 ZX	1	1.477	1.946	2.415	3.280					
14902.3	TUCHZ 150 U	Tecumseh	TFH 4518 Y	1,5	2.270	2.870	3.470	4.490	5/8" ods	3/8" ods	510	600	430
14904.1	TUCHZ 210 U		TFH 4525 Y	2,1	3.305	4.148	4.990	6.510					
Valve expansion 2 fans - Unità a valvola 2 ventole (fig. D)													
14922.3	TUCHZ 230 U 2	Tecumseh	TAG 4528 Y	2,3	3.540	4.558	5.575	7.360	7/8" ods	3/8" ods	650	1.060	525
14924.2	TUCHZ 280 U 2		TAG 4534 Y	2,8	3.780	4.880	5.980	7.855	7/8" sald	1/2" ods			
14924.3	TUCHZ 310 U 2		TAG 4537 Y	3,1	4.315	5.505	6.695	8.695					7/8" ods
14926.3	TUCHZ 360 U 2		TAG 4543 Y	3,6	4.720	6.148	7.575	9.940	7/8" ods	5/8" ods			



D



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)

WATER COOLED CONDENSING UNITS UNITÀ CONDENSANTI AD ACQUA

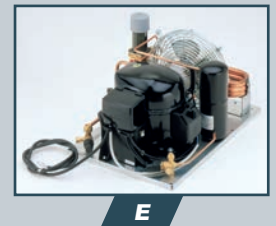


TECHNICAL DATA - DATI TECNICI RANGE R452A, R404A MHBP 1 PHASE (220-240/1/50)

CODE	MODEL	COMPRESSOR	HP	W -10	W -5	W 0	lt/h	IN	OUT	P	L	H	
Valve expansion - Unità a valvola (fig. E)													
12035.70	UCHG W 12 A	Embraco	EMT 6144 GK	1/6	370	425	506	40	3/8" -10	1/4" -6	500	340	270
12035.71	UCHG W 20 A				430	495	589	53	3/8" -11	1/4" -7			
12035.72	UCHG W 25 A		EMT 6165 GK	1/5	519	589	703	68	3/8" -10	1/4" -6			
12035.3	UCHG W 28 A		NEK 6181 GK	1/4P	587	691	846	88					
12035.4	UCHG W 33 A		NEK 6210 GK	1/3	723	843	1.009	92	500	340	300		
12035.5	UCHG W 50 A		NEK 6213 GK	1/2	1.085	1.248	1.492	120					
12035.76	UCHG W 58 A		NEK 6217 GK	5/8	1.217	1.412	1.689	140	1/2" -12	3/8" -10	540	400	350
12036.70	UCHG W 75 A		NT 6222 GK	3/4	1.472	1.702	2.029	170					
12036.72	UCHG W 100 A		NT 6226 GK	1	1.953	2.271	2.739	192					

RANGE R452A, R404A LBP 1 PHASE (220-240/1/50)

CODE	MODEL	COMPRESSOR	HP	W -35	W -30	W -23	lt/h	IN	OUT	P	L	H	
Valve expansion - Unità a valvola (fig. E)													
12070	UCG W 20 A	Embraco	EMT 2117 GK	1/5	107	145	210	53	3/8" -10	1/4" -6	500	340	270
12071	UCG W 25 A				EMT 2121 GK	1/4	142	203					
12072	UCG W 33 A		EMT 2125 GK	1/3	176	253	384	92					
12073	UCG W 50 A		NEK 2134 GK	1/2	256	369	559	120	3/8" -10	1/4" -6	500	340	300
12074	UCG W 58 A		NEK 2150 GK	5/8	300	412	635	140					
12075	UCG W 75 A		NEK 2168 GK	3/4	406	545	806	170	1/2" -12	3/8" -10	540	400	350
12075.1	UCG W 90 A		NT 2180 GK	0,9	494	661	959	180					
12076	UCG W 120 A		NT 2192 GK	1,2	631	858	1.249	192					



RANGE R134a MHBP 1 PHASE (220-240/1/50)

CODE	MODEL	COMPRESSOR	HP	W -10	W -5	W 0	lt/h	IN	OUT	P	L	H	
Valve expansion - Unità a valvola (fig. E)													
12052.0	UCHZ W 12 A	Embraco	EMT 6144 Z	1/6	277	449	484	40	3/8" -10	1/4" -6	500	340	270
12052.8	UCHZ W 20 A				EMT 6160 Z		399	643	691	53			
12054.7	UCHZ W 25 A		EMT 6170 Z	1/5	515	750	755	68	3/8" -10	1/4" -6			
12056.7	UCHZ W 33 A		NEK 6187 Z	1/3	576	966	1.062	92					
12058.7	UCHZ W 50 A		NEK 6214 Z	1/2	866	1.333	1.392	120	3/8" -10	1/4" -6	500	340	300
12060.7	UCHZ W 58 A		NT 6215 Z	5/8	1.043	1.625	1.711	140					
12062.7	UCHZ W 75 A		NT 6220 Z	3/4	1.290	2.042	2.171	170	1/2" -12	3/8" -10	540	400	330
12064	UCHZ W 100 A		NJ 6226 Z	1	1.743	2.710	2.850	192					



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

