

# FATTORI DI CONVERSIONE TRA LE UNITA' DI MISURA

## CONVERSION FACTORS AMONG THE UNITS OF MEASUREMENT

Potenza (meccanica, elettrica e termica)

Power (mechanical, electric and thermal)

Unità base del sistema SI: watt (W)

Basic unit of SI system: watt (W)

Unità di misura Measuring unit	Simbolo Symbol	W	kcal/h	kgm/s	BTU/h	ft lb/s	BHP	CV	ton (UK)	ton (US)
watt	<b>W</b>	1	0,8605	0,102	3,413	0,7375	1,341x10 <sup>-3</sup>	1,360x10 <sup>-3</sup>	0,284x10 <sup>-3</sup>	0,318x10 <sup>-3</sup>
chilocaloria/ora kilocalorie/hour	<b>kcal/h</b>	1,1628	1	0,1186	3,9683	0,8576	1,559x10 <sup>-3</sup>	1,581x10 <sup>-3</sup>	0,331x10 <sup>-3</sup>	0,370x10 <sup>-3</sup>
chilogrammetro/sec- on kilogramme metre/ second	<b>kgm/s</b>	9,807	8,434	1	33,47	7,233	1,315x10 <sup>-2</sup>	1,333x10 <sup>-2</sup>	2,788x10 <sup>-3</sup>	3,123x10 <sup>-3</sup>
British thermal unit/hour	<b>BTU/h</b>	0,2930	0,2520	0,02988	1	0,2161	0,393x10 <sup>-3</sup>	0,398x10 <sup>-3</sup>	0,833x10 <sup>-4</sup>	0,933x10 <sup>-4</sup>
libbra piede/secondo foot pound/second	<b>ft lb/s</b>	1,356	1,166	0,1383	4,627	1	1,818x10 <sup>-3</sup>	1,844x10 <sup>-3</sup>	0,386x10 <sup>-3</sup>	0,432x10 <sup>-3</sup>
cavallo vapore brake horsepower	<b>BHP (UK)</b>	745,7	641,3	76,04	2547,0	550	1	1,0139	0,2120	0,2375
cavallo vapore horsepower (metric)	<b>CV</b>	735,5	632,53	75,0	2512,2	542,4	0,986	1	0,2091	0,2342
ton (raffreddamento UK) ton (refrigeration UK)	<b>ton (UK)</b>	3516,85	3024,5	358,6	12000	2593,7	4,716	4,782	1	1,120
ton (raffreddamento US) ton (refrigeration US)	<b>ton (US)</b>	3140,05	2700,44	320,18	10717	2315,8	4,211	4,269	0,893	1



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