

| <b>To change...</b> | <b>into...</b>             | <b>do this.</b> |
|---------------------|----------------------------|-----------------|
| acres               | hectares                   | x 0.4047        |
| acres               | sq. kilometres             | / 247           |
| acres               | sq. metres                 | x 4047          |
| acres               | sq. miles                  | / 640           |
| Bar                 | Psi                        | x 14.503        |
| Bar                 | kPa                        | x 100           |
| Bar                 | atmospheres                | x 0.9870        |
| Bar                 | Metres/Water               | x 10.2110       |
| Bar                 | mm/Hg                      | x 75.247        |
| barrels (oil)       | cu.metres                  | / 6.29          |
| barrels (oil)       | gallons (UK)               | x 34.97         |
| barrels (oil)       | gallons (US)               | x 42            |
| barrels (oil)       | litres                     | x 159           |
| boiler horsepower   | kW                         | x 9.803         |
| boiler horsepower   | pounds/hour steam (Approx) | x 15.65         |
| boiler horsepower   | kg/hour steam (Approx)     | x 34.5          |
| boiler horsepower   | BTU/Hour                   | x 33479         |
| BTU                 | M                          | x 1.05506       |
| BTU/gal (imperial)  | kJ/Litre                   | x 0.2321        |
| BTU/hour            | W                          | x 0.293071      |
| cal                 | J                          | x 4.187         |
| centimetres         | feet                       | / 30.48         |
| centimetres         | inches                     | / 2.54          |
| centimetres         | metres                     | / 100           |
| centimetres         | millimetres                | x 10            |
| centipoise          | pascal-second (Pa.s)       | x 0.001         |
| centistokes         | metres squared / second    | x 0.000001      |
| cubic cm            | cubic inches               | x 0.06102       |
| cubic cm            | litres                     | / 1000          |
| cubic cm            | millilitres                | X 1             |
| cubic feet          | cubic inches               | x 1728          |
| cubic feet          | cubic metres               | x 0.0283        |
| cubic feet          | cubic yards                | / 27            |
| cubic feet          | gallons (UK)               | x 6.229         |
| cubic feet          | gallons (US)               | x 7.481         |
| cubic feet          | litres                     | x 28.32         |
| cubic inches        | cubic cm                   | x 16.39         |
| cubic inches        | litres                     | x 0.01639       |
| cubic metres        | cubic feet                 | x 35.31         |
| Cv (imperial)       | Kv                         | x 0.97          |
| Cv (US)             | Kv                         | x 0.86          |
| feet                | centimetres                | x 30.48         |
| feet                | metres                     | x 0.3048        |
| feet                | yards                      | / 3             |
| fl.ounces (UK)      | fl.ounces (US)             | x 0.961         |
| fl.ounces (UK)      | millilitres                | x 28.41         |
| fl.ounces (US)      | fl.ounces (UK)             | x 1.041         |
| fl.ounces (US)      | millilitres                | x 29.57         |
| fluid ounce         | ml                         | x 28.41         |
| foot/pounds         | NM                         | x 1.356         |

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|------------------------|------------------------|-----------------|
| gallons                | pints                  | x 8             |
| gallons (UK)           | cubic feet             | x 0.1605        |
| gallons (UK)           | gallons (US).          | x 1.2009        |
| gallons (UK)           | litres                 | x 4.54609       |
| gallons (US)           | cubic feet             | x 0.1337        |
| gallons (US)           | gallons (UK)           | x 0.8327        |
| gallons (US)           | litres                 | x 3.785         |
| grams                  | kilograms              | / 1000          |
| grams                  | ounces                 | / 28.35         |
| hectares               | acres                  | x 2.471         |
| hectares               | square km              | / 100           |
| hectares               | square metres          | x 10000         |
| hectares               | square miles           | / 259           |
| hectares               | square yards           | x 11960         |
| horsepower             | kW                     | x 0.7457        |
| horsepower boiler      | kW                     | x 9.803         |
| inch/pounds            | NM                     | x 0.113         |
| inches                 | centimetres            | x 2.54          |
| kcal                   | M                      | x 4.185         |
| kcal/hour              | W                      | x 1.163         |
| Kg/Force/cm            | NM                     | x 0.098         |
| Kg/Force/m             | NM                     | x 9.8067        |
| kilograms              | ounces                 | x 35.3          |
| kilograms              | pounds                 | x 2.2046        |
| kilograms              | tonnes                 | / 1000          |
| kilograms              | tons (UK/long)         | / 1016          |
| kilograms              | tons (US/short)        | / 907           |
| kilograms/cubic metre  | grams/cubic centimetre | x 0.001         |
| kilograms/cubic metre  | pounds/cubic foot      | x 0.06243       |
| kilograms/hour/air     | cubic metres/hour/air  | x 0.85          |
| kilograms/metre        | pounds/foot            | x 0.6720        |
| kilograms/square metre | pounds/square foot     | x 0.2048        |
| kilometres             | metres                 | x 1000          |
| kilometres             | miles                  | x 0.6214        |
| kilometres/hour        | miles/hour             | x 0.6214        |
| knots                  | feet/hour              | x 6080          |
| knots                  | kilometres/hour        | x 1.8532        |
| knots                  | feet/second            | x 1.689         |
| kPa                    | psi                    | / 6.894         |
| kPa                    | Bar                    | / 100           |
| kPa                    | mm/Hg                  | x 7.525         |
| kPa                    | metres/water           | x 0.1020        |
| kPa                    | inches/water           | x 4.021         |
| kPa                    | psi                    | x 0.145         |
| Kv                     | CV (US)                | x 1.031         |
| Kv                     | Cv (imperial)          | x 1.17          |
| kW                     | horsepower             | x 1.341         |
| kW/hours               | MJ                     | x 3.6           |
| kW/hours               | BTU                    | x 3413          |
| litres                 | cu.inches              | x 61.02         |
| litres                 | gallons (UK)           | x 0.2200        |
| litres                 | gallons (US)           | x 0.2642        |
| litres                 | pints (UK)             | x 1.760         |
| litres                 | pints (US liquid)      | x 2.113         |
| litres/min             | cubic feet/sec         | x 0.005886      |
| litres/min             | gals/second (US)       | x 0.04403       |
| litres/second/air      | scfm                   | x 2.119         |

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|---------------------|--------------------|-----------------|
| metres              | yards              | / 0.9144        |
| metres              | centimetres        | x 100           |
| metres/water        | psi                | x 1.422         |
| microns (length)    | mm                 | / 1000          |
| microns (length)    | inches             | / 25400         |
| microns (vacuum)    | kPa                | x 0.0001333     |
| miles               | kilometres         | x 1.609         |
| miles/hour          | centimetres/second | x 44.70         |
| miles/hour          | feet/minute        | x 88            |
| miles/hour          | kilometres/hour    | x 1.609         |
| millimetres         | inches             | / 25.4          |
| NM                  | foot/pounds        | x 0.7376        |
| NM                  | inch/pounds        | x 8.85          |
| ounce (fluid)       | ml                 | x 28.41         |
| ounces              | grams              | x 28.35         |
| pints (UK)          | litres             | x 0.5683        |
| pints (UK)          | pints (US liquid)  | x 1.201         |
| pints (US liquid)   | litres             | x 0.4732        |
| pints (US liquid)   | pints (UK)         | x 0.8327        |
| pounds              | kilograms          | x 0.4536        |
| pounds              | ounces             | x 16            |
| psi                 | atmospheres        | x 0.0680        |
| psi                 | inches/water       | x 27.720        |
| psi                 | kg/cm2             | x 0.0700        |
| psi                 | metres/water       | x 0.704         |
| psi                 | inches/Hg          | x 2.043         |
| psi                 | mm/Hg              | x 51.884        |
| psi                 | Bar                | x 0.0690        |
| psi                 | kPa                | x 6.894         |
| refrigeration ton   | kW                 | x 3.51685       |
| square cm           | sq. inches         | x 0.1550        |
| square feet         | sq. inches         | x 144           |
| square feet         | sq. metres         | x 0.0929        |
| square inches       | square cm          | x 6.4516        |
| square inches       | square feet        | / 144           |
| square km           | acres              | x 247           |
| square km           | hectares           | x 100           |
| square km           | square miles       | x 0.3861        |
| square metres       | acres              | / 4047          |
| square metres       | hectares           | / 10 000        |
| square metres       | square feet        | x 10.76         |
| square metres       | square yards       | x 1.196         |
| square miles        | acres              | x 640           |
| square miles        | hectares           | x 259           |
| square miles        | square km          | x 2.590         |
| square yards        | square metres      | / 1.196         |
| Therm               | MJ                 | x 105.506       |
| ton refrigeration   | kW                 | x 3.51685       |
| tonnes              | kilograms          | x 1000          |
| tonnes              | tons (UK/long)     | x 0.9842        |
| tonnes              | tons (US/short)    | x 1.1023        |
| tons (UK/long)      | kilograms          | x 1016          |
| tons (UK/long)      | tonnes             | x 1.016         |
| tons (US/short)     | kilograms          | x 907.2         |
| tons (US/short)     | tonnes             | x 0.9072        |
| torr (vacuum)       | kPa                | x 0.1333        |