Domestic and cornercial refrigarators

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rated in K2/5 or BN/h of

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cooling. commercial refrigarators

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inthe US are mostly rated in

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but elequlent

tonk of refrigeration but elequlent

in KW.

Difference:

Febrigeration Airconditioning

There is a transfer thermal Energy it
of thermal Energy taken as away to
yeer the cir to keep

from cold to

from cold to

wigh temparature

refrigeration parts evaporator, condensor compressor conden compressor have gor and evaporat a reparabe air conditioning unit N block diagram of vapor compession retrigeration. Vaporo Liquid ! condensor Comprehensor Vapour Liquid Eva porator

Sahrated liquid T-5

one ton of refrigeration capacity

can freeze one short ton of

water at oc in 29 hours.

Latent heat of ice = 333.55 kg/

we know

1 ton = 3.50 km

2 ton

3.50 KW = 1 ton L KW = 3.50 ton. The main porpoxe is to remove heat frome two air craft cabin. While wing latend heat required not air latend heat with col air is replaced with col air cabin. So in the aircraft cabin. So in the aircraft for air air circle.