**CLAIMS:**

1. Use as a refrigerant in a heat pump system in an electric vehicle of a composition comprising from 3 to 30% by weight 1,1-difluoroethylene (R-1132a) based on the total weight of the composition and at least one fluorocarbon refrigerant compound selected from the group consisting of 2,3,3,3-tetrafluoropropene (R-1234yf), difluoromethane (R-32), 1,3,3,3-tetrafluoropropene (R-1234ze(E)) and 1,1-difluoroethane (R-152a).

2. The use of claim 1 wherein the refrigerant composition further comprises at least one of trifluoroethylene (R-1123), trifluoroiodomethane ($CF_3I$), carbon dioxide (R-744, CO2) and 1,1,1,2-tetrafluoroethane (R-134a).

3. Use as a refrigerant in a heat pump system in an electric vehicle of a composition comprising from 3 to 30% by weight 1,1-difluoroethylene (R-1132a) based on the total weight of the composition and trifluoroiodomethane ($CF_3I$)~~, preferably wherein the refrigerant composition comprises from about 1 to about 30 weight % R-1132a and from about 70 to about 99 weight % $CF_3I$~~.

4. The use of claim 1 wherein the refrigerant composition comprises from 3 to 30% by weight R-1132a, R-152a and R-1234yf~~, preferably from 2 to 14 weight % R-1132a, from 2 to 96 weight % R-152a and from 2 to 96 weight % R-1234yf~~, such as from 4 to 10 weight % R-1132a, from 2 to 30 weight % R-152a and from 60 to 94 weight % R-1234yf.

5. The use of claim 1 wherein the refrigerant composition comprises from 3 to 30% by weight R-1132a, at least one tetrafluoropropene refrigerant compound selected from the group consisting of R-1234yf and R-1234ze(E), and optionally difluoromethane (R-32).

6. The use of any of claims 1 to 5, wherein the R-1132a is present in an amount of ~~from 1 to 30 weight %, preferably~~ from ~~1~~ 3 to 20 weight %, such as from about 3 to about 15 weight %, based on the total weight of the refrigerant composition.

7. The use of claim 5 or 6, wherein R-32 is present in an amount of from 1 to 21 weight % based on the total weight of the refrigerant composition.

~~8. The use of claim 5 wherein the refrigerant composition comprises:~~

~~from 1 to 20 weight % R-1132a and from 99 to 80 weight % R-1234yf;~~

~~from 1 to 20 weight % R-1132a and from 99 to 80 weight R-1234ze(E);~~

~~from 1 to 20 weight % R-1132a, from 1 to 21 weight % R-32 and from 59 to 98 weight % R-1234yf; or~~

~~from 1 to 20 weight % R-1132a, from 1 to 21 weight % R-32 and from 59 to 98 weight % R-1234ze(E).~~

~~9~~8. The use of any of claim~~s~~ 5 to ~~8~~7, wherein the refrigerant composition further comprises $CF_3I$, preferably wherein the $CF_3I$ is present in an amount less than R-1234yf or R-1234ze(E).

9~~10~~. The use of claim ~~9~~ 8 wherein the refrigerant composition comprises R-1132a, R-32, R-1234yf and $CF_3I$.

~~11~~10. The use of any of claim~~s~~ 5 to ~~8~~7, wherein the refrigerant composition further comprises $CO_2$ (R-744), preferably wherein the combined $CO_2$ and R-1132a content is less than about 30 weight %, such as less than about 20 weight %.

~~12~~11. The use of claim ~~11~~ 10 wherein the refrigerant composition comprises R-1132a, R-32, R-1234yf and $CO_2$.

~~13~~12. The use of claim 1, 2 or 6 wherein the refrigerant composition comprises from 3 to 30% by weight R-1132a, R-152a and optionally R-32.

~~14. The use of claim 13 wherein the refrigerant composition comprises:~~
~~from 1 to 30 weight % R-1132a and from 99 to 70 weight % R-152a; or~~
~~from 1 to 20 weight % R-1132a, from 1 to 10 weight % R-32 and from 70 to 98 weight % R-152a.~~

~~15~~13. The use of claim 1, 2 or 6 wherein the refrigerant composition comprises R-1132a, R-32, R-152a and at least one tetrafluoropropene refrigerant compound selected from the group consisting of R-1234yf and R-1234ze(E).

~~16. The use of claim 15 wherein the refrigerant composition comprises:~~
~~from 1 to 20 weight % R-1132a, from 1 to 21 weight % R-32 and from 59 to 98 weight % of a mixture of R-152a and R-1234yf; or~~
~~from 1 to 20 weight % R-1132a, from 1 to 21 weight % R-32 and from 59 to 98 weight % of a mixture of R-152a and R-1234ze(E).~~

~~17~~14. The use of any of claims 3 to ~~9~~ 8, 12 or 13 ~~to 16~~ wherein the refrigerant composition further comprises R-134a, preferably in an amount of from about 1 to about 10 weight % R-134a.

~~18~~15. The use of claim 2 wherein the refrigerant composition comprises from 3 to 30% by weight R-1132a, R-1123 and R-1234yf~~, preferably from about 1 to about 20 weight % R-1132a, from about 1 to about 20 weight % R-1123 and from about 98 to about 60 weight % R-1234yf~~.

~~19~~16. The use of claim 2 wherein the refrigerant composition comprises from 3 to 30% by weight R-1132a, R-152a, R-134a and R-1234yf~~, preferably from about 1 to about 20 weight % R-1132a, from about 5 to about 25 weight % R-152a, from about 1 to about 10 weight % R-134a and from about 93 to about 45 weight % R-1234yf~~.

~~20. The use of claim 1 wherein the refrigerant composition comprises R-1132a and R-32, preferably from about 68 to about 99 weight % R-1132a and from about 1 to about 32 weight % R-32, for example from about 72 to about 96 weight % R-1132a and from about 4 to about 28 weight % R-32.~~

~~21~~17. The use of claim 2 wherein the refrigerant composition comprises from 3 to 30% by weight R-1132a, R-32 and $CO_2$, preferably from about ~~1~~ 3 to about 20 weight % R-1132a, from about 1 to about 32 weight % R-32 and from about 50 to about 95 weight % $CO_2$, such as from about ~~2~~ 3 to about 15 weight % R-1132a, from about 2 to about 32 weight % R-32 and from about 55 to about 93 weight % $CO_2$, for instance from about 64 to about 93 weight % of carbon dioxide, from about 2 to about 25 weight % of difluoromethane and from about ~~2~~ 3 to about 14 weight % of R-1132a, for example from about 65 to about 93 weight % of carbon dioxide, from about 2 to about 22 weight % of difluoromethane and from about ~~2~~ 3 to about 14 weight % of R-1132a.

~~22~~18. The use of any of the preceding claims wherein the refrigerant composition has a Global Warming Potential (GWP) below 150.

~~23~~19. The use of any of the preceding claims wherein the heat pump system is also adapted to perform air-conditioning.

~~24~~20. The use of any of claims 1 to ~~23~~ 14 wherein the composition consists essentially of the stated components.

~~25~~21. The use of any of the preceding claims, wherein the refrigerant composition is less flammable than R-1132a alone, preferably wherein the refrigerant composition has:

a. a higher flammable limit'

b. a higher ignition energy; and/or

c. a lower flame velocity

compared to R-1132a alone.

~~26~~22. The use of any of the preceding claims wherein the refrigerant composition is non-flammable, preferably wherein the refrigerant composition is non-flammable at ambient temperature, or wherein the composition is non-flammable at 60 °C.

~~27~~23. The use of any of the preceding claims wherein the heat pump system further comprises a lubricant, preferably a polyolester (POE) or polyalkylene glycol (PAG) lubricant.

~~28~~24. The use of any of the preceding claims, wherein the refrigerant composition evaporates at temperatures below -30°C, preferably wherein the refrigerant composition also condenses at temperatures above 40°C.

~~29~~25. The use of any of the preceding claims, wherein the refrigerant composition can operate in heat pump mode at an ambient temperature lower than about -15 °C, preferably lower than above -20°C.

~~30~~26. The use of any of the preceding claims wherein the refrigeration composition has a temperature glide in an evaporator or condenser of less than about 15K, preferably less than about 10K, such as less than about 5K.

~~31~~27. An electric vehicle equipped with a heat pump system and a refrigerant composition as defined in any of claims 1 to 30.

~~32~~28. A method of producing cooling in an electric vehicle which method comprises evaporating a refrigerant composition as defined in any of claims 1 to ~~30~~ 26 in the vicinity of a body to be cooled.

~~33~~29. A method of producing heating in an electric vehicle which method comprises condensing a refrigerant composition as defined in any one of claims 1 to ~~30~~ 26 in the vicinity of a body to be heated.