CLAIMS

What is claimed is:

1. A composition comprising HFO-1234yf and HFO-1336.

2. The composition of claim 1 containing less than about 1 weight percent HFO-1336.

3. Use of the compositions of claim 1 as refrigerants.

4. Use of the compositions of claim 1 as a refrigerant in air conditioners, freezers, refrigerators, heat pumps, water chillers, flooded evaporator chillers, direct expansion chillers, centrifugal chillers, walk-in coolers, heat pumps, mobile refrigerators, mobile air conditioning units and combinations thereof.

5. Use of the compositions of claim 1 as aerosol propellants.

6. Use of the compositions of claim 1 as foaming agents.

7. A method of using the compositions of claim 1 comprising the composition carrying heat from a heat source to a heat sink.

8. A method of using the composition of claim 1 as a refrigerant in a cycle comprising the composition undergoing a phase change from a liquid to a gas and back or vice versa.

9. The composition of claim 1 further comprising HCFO-1233xf.

10. The composition of claim 2 further comprising HCFO-1233xf.

11. Use of the compositions of claim 9 as refrigerants.

12. Use of the compositions of claim 9 as a refrigerant in air conditioners, freezers, refrigerators, heat pumps, water chillers, flooded evaporator chillers, direct expansion chillers, centrifugal chillers, walk-in coolers,

heat pumps, mobile refrigerators, mobile air conditioning units and combinations thereof.

13. Use of the compositions of claim 9 as aerosol propellants.

14. Use of the compositions of claim 9 as foaming agents.

15. A method of using the compositions of claim 9 comprising the composition carrying heat from a heat source to a heat sink.

16. A method of using the composition of claim 9 as a refrigerant in a cycle comprising the composition undergoing a phase change from a liquid to a gas and back or vice versa.