

End-Use	Substitute	Decision	Further information
Refrigeration and Air Conditioning			
Industrial process refrigeration (retrofit and new).	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Industrial process air conditioning (retrofit and new).	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable	
Ice skating rinks (retrofit and new)	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Cold storage warehouses (retrofit and new)	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Refrigerated transport (retrofit and new)	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Retail food refrigeration (retrofit and new) ..	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Vending machines (retrofit and new)	R-407C as a substitute for R-502	Acceptable.	
Water coolers (retrofit and new)	R-407C as a substitute for R-502	Acceptable.	
Commercial ice machines (retrofit and new).	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Household refrigerators and freezers (retrofit and new).	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Centrifugal chillers (retrofit and new)	RS-44 as a substitute for HCFC-22.	Acceptable.	
Reciprocating chillers (retrofit and new)	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Screw chillers (retrofit and new)	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Very low temperature refrigeration (retrofit and new).	ISCEON 89 as a substitute for R-13B1.	Acceptable.	
Non-mechanical heat transfer systems (retrofit and new).	R-407C as a substitute for R-502	Acceptable.	
Household and light commercial air conditioning (retrofit and new).	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Residential dehumidifiers (retrofit and new)	RS-44 as a substitute for HCFC-22. R-407C as a substitute for R-502	Acceptable. Acceptable.	
Solvent Cleaning			
Precision cleaning	HFE-7000 as a substitute for CFC-113, methyl chloroform, and HCFC-141b.	Acceptable	EPA expects that the workplace environmental exposure will not exceed the workplace exposure limit of 75 ppm and that users will observe the manufacturer's recommendations in MSDSs.