





























































K	f C-l Tl		www.cost.e
Building Integratio		(E)	01502 - RI212
Refrigerant	Ozone Depletion Potential (ODP)	Global Warming Potential (<i>GWP</i>)	•Global Warming Potential (GWP) is a measure of how
R-11 Trichlorofluoromethane	1.0	4000	much a given mass of a gas contributes to global warmin <i>GWP</i> is a relative scale which compares the amount of heat trapped by greenhouse gas to the amount of heat trapped the same mass of Carbon Dioxide. The <i>GWP</i> of Carbon Dioxide is by definition 1 and the reference. Be aware that GWPs are highly controversian ozone Depletion Potential (<i>ODP</i>) of a chemical compound is the relative amount of degradation it calcause to the ozone layer
R-12 Dichlorodifluoromethane	1.0	2400	
R-13 B1 Bromotrifluoromethane	10		
R-22 Chlorodifluoromethane	0.05	1700	
R-32 Difluoromethane	0	650	
R-113 Trichlorotrifluoroethane	0.8	4800	
R-114 Dichlorotetrafluoroethane	1.0	3.9	
R-123 Dichlorotrifluoroethane	0.02	0.02	
R-124 Chlorotetrafluoroethane	0.02	620	
R-125 Pentafluoroethane	0	3400	
R-134a Tetrafluoroethane	0	1300	
R-143a Trifluoroethane	0	4300	
R-152a Difluoroethane	0	120	
R-245a Pentafluoropropane	0		
R-401A (53% R-22, 34% R-124, 13% R-152a)	0.37	1100	
R-401B (61% R-22, 28% R-124, 11% R-152a)	0.04	1200	
R-402A (38% R-22, 60% R-125, 2% R-290)	0.02	2600	
R-404A (44% R-125, 52% R-143a, R-134a)	0	3300	
R-407A (20% R-32, 40% R-125, 40% R-134a)	0	2000	
R-407C (23% R-32, 25% R-125, 52% R-134a)	0	1600	
R-502 (48.8% R-22, 51.2% R-115)	0.283	4.1	
R-507 (45% R-125, 55% R-143)	0	3300	
R-717 Ammonia - NH ₃	0	0	
R-718 Water - H ₂ 0	0		
R-729 Air	0		ESF provides the COST Office EUROPEAN





























































