

	SF ₆	HFC-125	HFO-1234yf	CFC-13
Individual cylinder measurements				
MP15-4020/J-170	–	0.957	–	–
MP15-4034/J-170	–	0.969	–	–
MP15-5017/EP-001	–	–	0.970	–
MP15-4042/EP-001	–	–	0.971	–
MP16-4042/J-191	1.012	–	–	–
MP16-5017/J-191	1.012	–	–	–
MP-001/E-094	1.003	0.927	0.910	1.049
MP-001/E-108	1.000	0.927	0.910	–
MP-001/E-163	1.002	0.930	0.911	–
MP-001/J-191	1.001	0.930	–	1.050
MP-001/J-206	1.002	0.931	–	1.067
Calculated average scale ratios based on measurements				
METAS-2016/SIO-05	1.012	–	–	–
METAS-2015/SIO-14	–	0.963	–	–
METAS-2015/Empa-2013	–	–	0.971	–
METAS-2017/SIO-05	1.002	–	–	–
METAS-2017/SIO-14	–	0.929	–	–
METAS-2017/Empa-2013	–	–	0.910	–
METAS-2017/Interim-98	–	–	–	1.055
METAS-2017/METAS-2015	–	0.964	0.938	–
METAS-2017/METAS-2016	0.990	–	–	–
Known scale conversion factors used in this study				
NOAA-2014/SIO-05	1.002 ^a	–	–	–
NOAA-2008/SIO-14	–	0.946 ^b	–	–
UB-98/SIO-14	–	0.9237 ^c	–	–
Additionally calculated scale conversion factors				
METAS-2017/NOAA-2014	1.000	–	–	–
METAS-2017/NOAA-2008	–	0.982	–	–