Figure 1. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{\text{tot}} = 0$ PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 2. Climatological annual mean mass stream function (in $10^{10} \text{ kg s}^{-1}$) for $OHT_{\text{max}} = 0.5 \text{ PW}$: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 3. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max} = 1$ PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 4. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max} = 1.5$ PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 5. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max} = 2$ PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 6. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max}$ = 2.5 PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 7. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max} = 3$ PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 8. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max} = 3.5$ PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.
Figure 9. Climatological annual mean mass stream function (in $10^{10}$ kg s$^{-1}$) for OHT$_{max}$ = 4 PW: (a) original; (b) computed from the Kuo–Eliassen equation (all sources); (c) source from diabatic heating; (d) source from friction; (e) source from eddy heat transport; (f) source from eddy momentum transport.