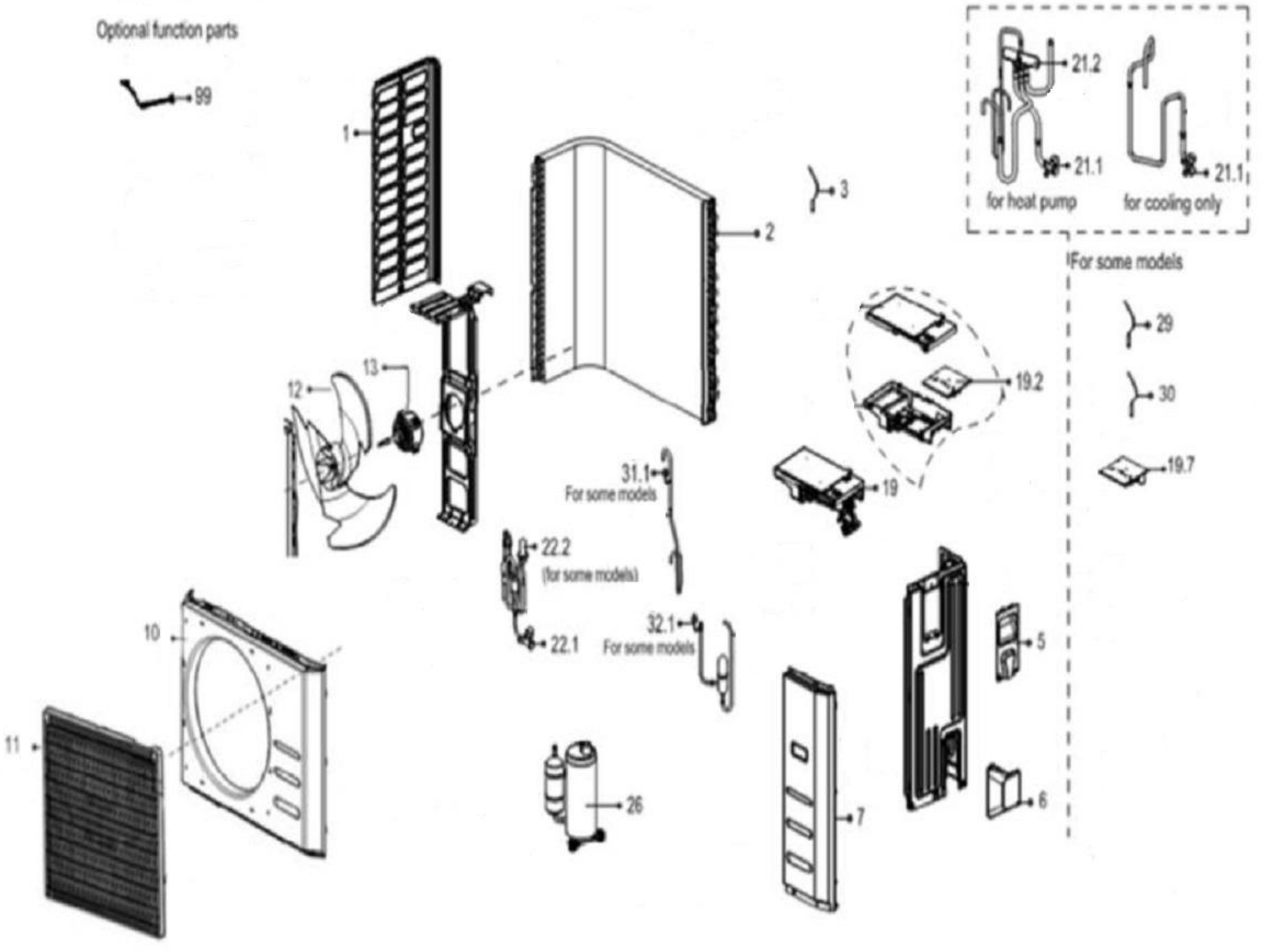Optional function parts