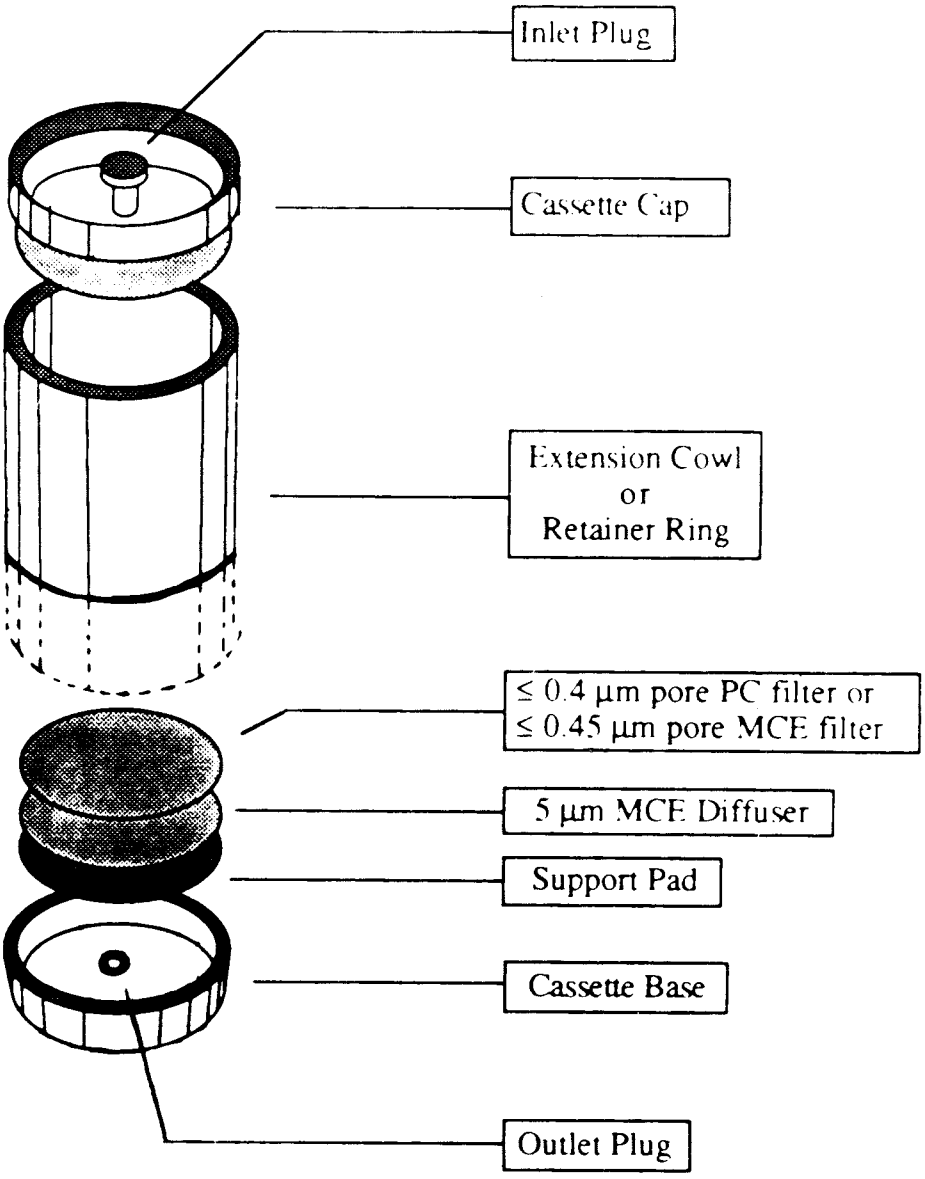FIGURE I--SAMPLING CASSETTE CONFIGURATION