
CASE STUDY

McQuay Air Conditions Dutch Embassy

When the Dutch Embassy in Washington D.C. equipped their facility with a water source heat pump system, they had several requirements. In keeping with European tradition, they were very particular about providing a quiet and comfortable environment for their people. The minimum acceptable sound level desired was in the 30 dba range, and to complement the beauty of their building's interior, the system also needed to be attractive, understated and compact.

Dieter Grotheer, consulting engineer for the Dutch Embassy in Washington D.C., assisted in the search for an appropriate water source heat pump. They inspected several brands in operation at actual Washington D.C. installations, but none met their sound level requirement. A compromise to a four-pipe fan-coil system presented a possible way to achieve it, but that too, yielded levels in excess of 30 dba.

Then they tested the new McQuay Console Water Source Heat Pump,



Officially known as the Royal Netherlands Embassy, the "Dutch Embassy" found McQuay Water Source Heat Pumps filled their sound and aesthetic needs perfectly.

and found their solution. The unit met their revised sound level standards, while providing easy, inexpensive installation and economical operation. Its compact dimensions made it perfect for the Embassy's application. And with its sleek, European styling, the

McQuay Console Water Source Heat Pump was an ideal complement to the embassy decor. When no other system could meet the exacting requirements of the Dutch Embassy project, the McQuay console water source heat pump met every challenge.