

**Mr Zhang Yue**

Chairman and CEO
Broad Air Conditioning

Zhang Yue, born in Changsha in 1960, graduated from college in 1980 with a degree in fine arts. After working as a teacher and a librarian for several years, he founded Broad in 1988. He is currently the Chairman of Broad Air Conditioning.

Since childhood, Zhang Yue has been keenly interested in creating art and literature, and after founding Broad, he poured his innate passion for creative work into his company. One after the other he has obtained over 100 patents for his inventions: in 1989 the Non-Pressurized Boiler, in 1992 the Direct Fire Chiller (non-electric air conditioning), in 1999 the Combined Heat and Power (CHP) System, in 2005 the Electrostatic Dust Cleaning Indoor Air Conditioning Unit, and in 2009 the Factory Built Sustainable Building. Each of his inventions has transformed its respective industry, making Broad a technology leader in many fields.

Zhang Yue is the Vice Chair of the United Nations Environment Programme's Sustainable Buildings & Climate Initiative (SBCI). After many years of painstaking research on energy efficient building technologies, in 2009 he drafted for UNEP the Building Energy Efficiency Guidelines, which proposed a set of measurable, reportable and verifiable indicators and measurements for a building energy efficiency standard.

Facing the issue of global warming, Zhang Yue's dream is that his non-electric air conditioning can replace electric counterpart, as non electric air conditioning is more than twice as energy efficient as electric air conditioning. But his greater dream is that through implementing his Building Energy Efficiency Guidelines, he can substantially increase the energy efficiency level of buildings themselves, because buildings hold 80% of the world's energy saving potential. He knows that improving the energy efficiency of buildings will affect his air conditioning business, but Mr. Zhang Yue believes that the future of the planet is always more important than that of his business.

**張躍**

遠大空調有限公司董事長兼總裁

張躍，1960年生於長沙，1980年美術專業大專畢業，從事教育和圖書館工作多年，1988年創辦遠大，現任遠大空調有限公司總裁。

張躍自幼熱衷美術和文學創作，創業後他把與生俱來的創作激情傾注於專業，先後發明了上百項專利：1989年發明了無壓鍋爐、1992年發明直燃機（非電空調），1999年發明了冷熱電聯產系統，2005年發明了靜電除塵空調室內機、2009年發明了工廠化可持續建築……他的每項發明都給所處的行業帶來了變革，使遠大成為行業技術領袖。

張躍是聯合國環境署可持續建築促進會副主席，多年來潛心研究建築節能技術，2009年他為聯合國環境署起草了《建築節能準則》，提出了一套有指標、有措施、可測量、可報告、可核實的建築節能標準。

面對氣候變化的世界性問題，張躍夢想他的非電空調能夠全面替代電空調，因非電空調節能2倍以上。但張躍更大的夢想是通過推行節能準則，大幅提高建築本體的節能水準，因目前全世界的建築有80%的節能潛力。他知道，建築本體節能會影響他的空調生意，但張躍認為，地球的未來遠比他的生意重要。