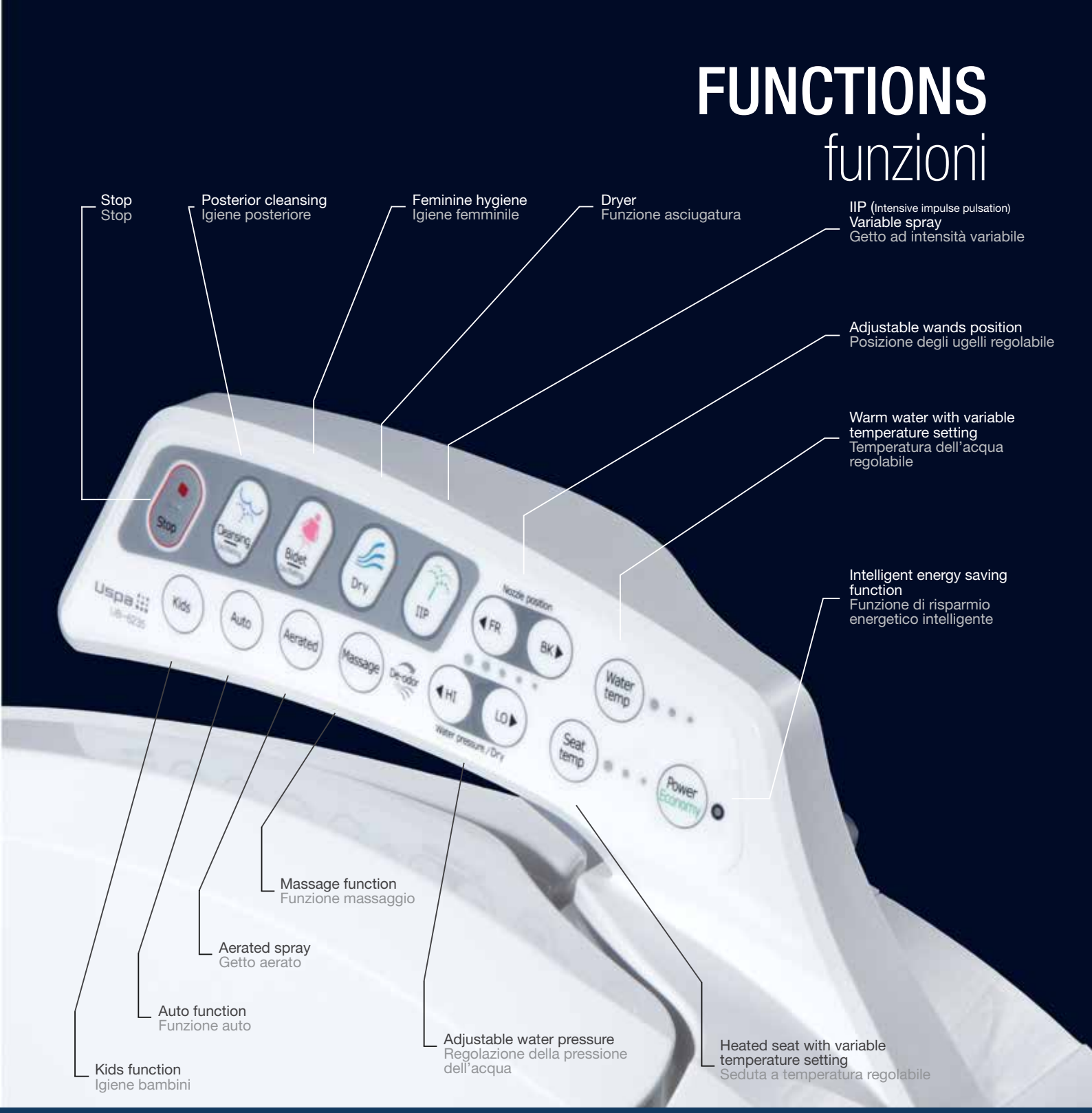FUNCTIONS
funzioni