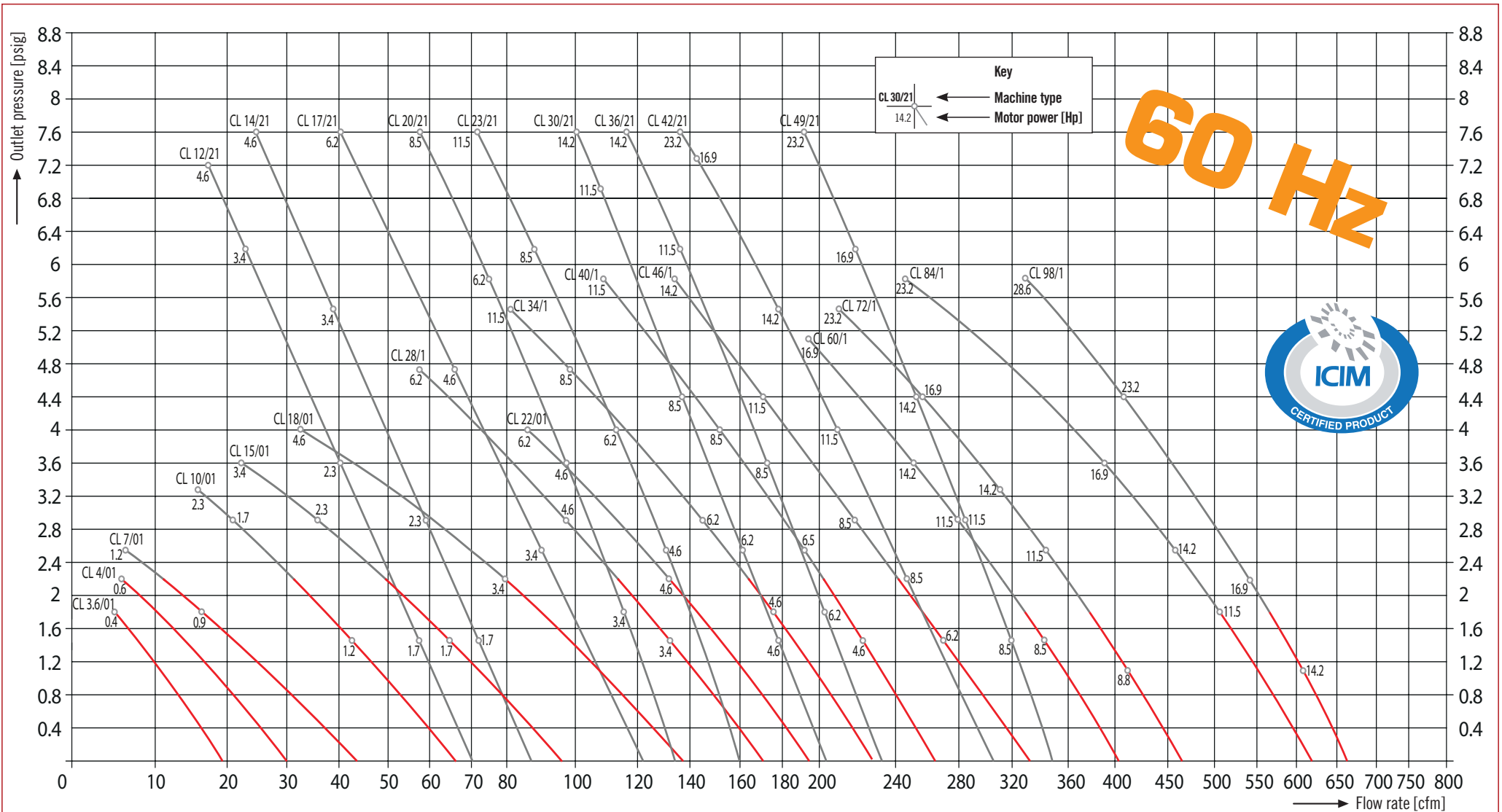




Regenerative blowers for biogas - Performance curves



The performance curves “flow rate - outlet pressure” and the “motor powers” shown in the literature, are given, for informational purposes only, **at fixed rpm (60Hz – 3500rpm)** and for a biogas with specific weight 0.071 lb/ft³ at 29.92 inHg (abs) and 32°F. The suction pressure is assumed at 0.145 psig and the inlet temperature at 95°F.

The part of the curves in red colour refers to the pressure range in which the blowers fitted with a “compact by-pass” can be used.