



TENSELO / DEMONSTRATION REPORT / DOM-002

Replacing a Grundfos CH2-30

Compare the existing pump envelope with the closest available fixed-speed DAB candidate.

CHECK: Poor curve match. Calculator engineering status: Provisional.

Existing pump	Grundfos CH2-30 multistage [legacy]
Old-pump curve basis	Modelled envelope: 60 L/min maximum flow; 30 m shutoff head
Control system	Pressure tank and switch; fixed speed
Replacement brand considered	DAB only
Representative comparison duty	36 L/min at 18.1 m head
Closest returned DAB candidate	Jetcom 62 - 0.44 kW
DAB head at comparison flow	23.4 m at 36 L/min
Head difference	+5.3 m; poor whole-curve match

What the comparison tells us

The closest listed candidate is not automatically a suitable replacement. Its curve is substantially higher than the modelled old-pump curve. Confirm the actual CH2-30 curve and required household duty before selecting a replacement.

The old curve is modelled, not a digitised Grundfos test curve. Tenselo describes the DAB curve as digitised from its Pump Selection workbook. Confirm supply phase, suction conditions, connections, NPSH and control arrangement.

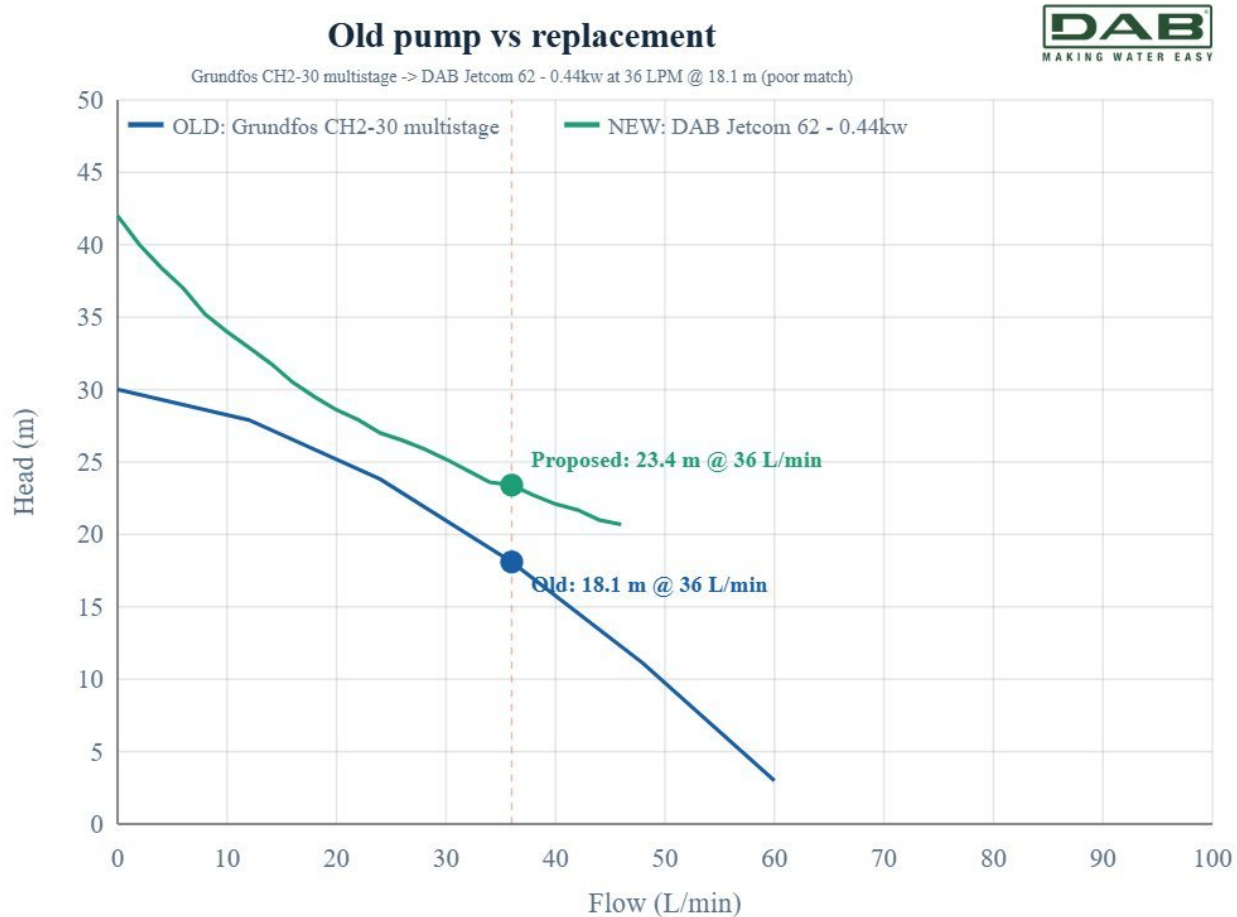
About this sample

Curated sample prepared from the live Tenselo DOM-002 result exported on 14 September 2026. The layout is prepared for demonstration; it is not the unedited in-app PDF. Numerical results and material warnings are retained. Independent revalidation of the corrected calculator behaviour is pending.

Preliminary design aid. Confirm current manufacturer data, actual site conditions and applicable standards with a suitably qualified professional before procurement or construction. Manufacturer names and logos identify products or data references; they do not imply endorsement.



Original pump-curve comparison



Each line is a brand's recommended pump curve; duty point shown. Confirm exact curve & NPSHr on the maker datash

Source: the comparison graphic embedded in the live Tenselo DOM-002 PDF, reproduced without changing its plotted values. Blue: modelled CH2-30. Green: the returned DAB Jetcom 62 candidate.

Old pump at 36 L/min	18.1 m
DAB candidate at 36 L/min	23.4 m
Decision	Poor match - further selection work required

This is a selection-check example, not an instruction to buy the candidate pump.