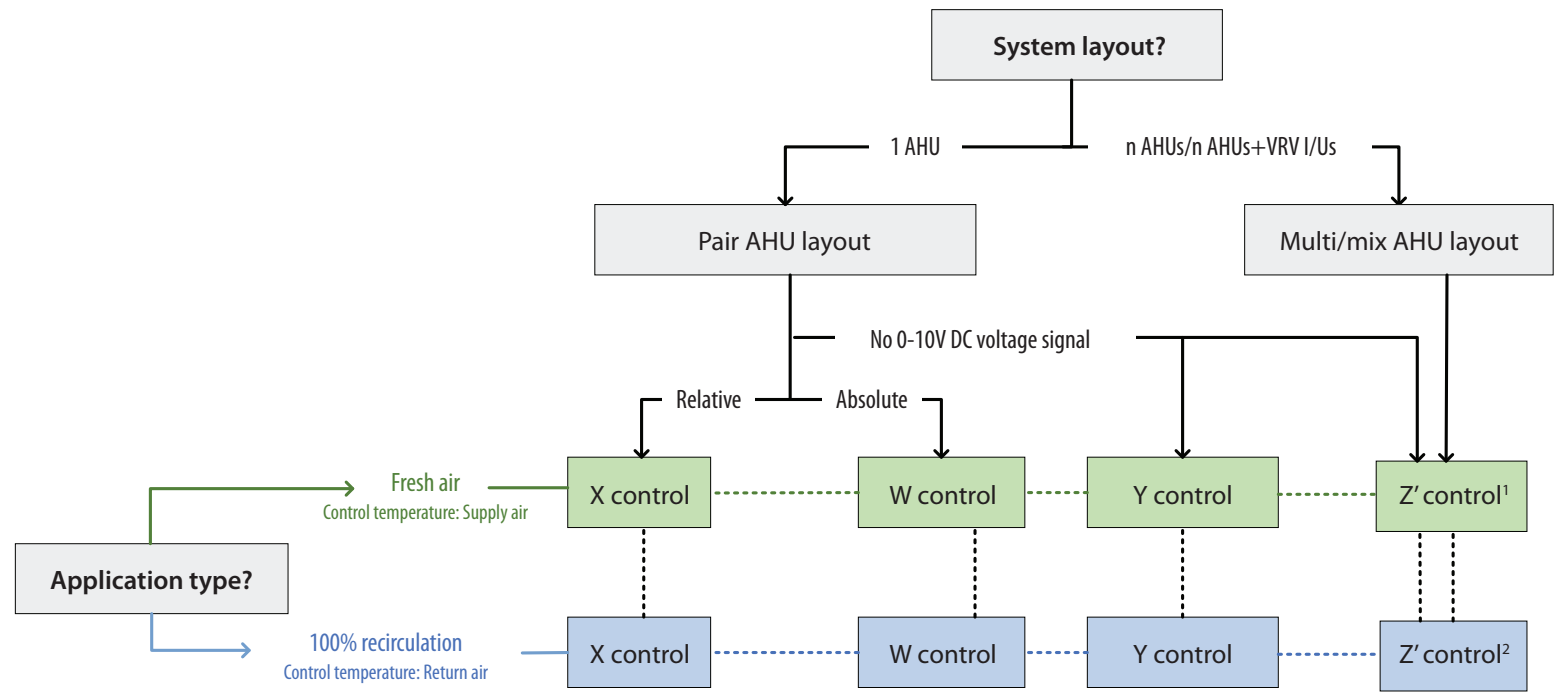


3. Control type decision matrix

Based on the system layout and application type, the matrix indicates the recommended control type for EKEACBVE.

Control type decision matrix



- NOTES**
- 1. Z' control is not intended for comfort applications.
 - 2. It is possible to use the 0-10V DC signal for setpoint selection as an alternative to the remote controller

4. EKEXVA capacity selecon

4.1. Fresh air application

For fresh air applications, the required load for the AHU should be calculated at nominal indoor conditions: 20°C DB in heating, 27°C DB/19°C WB in cooling. The required EKEXVA capacity class can then be selected from the capacity table for fresh air applications:

EKEXVA				
	Allowed cooling capacity (kW)		Allowed heating capacity (kW)	
	Minimum	Maximum	Minimum	Maximum
50	5.0	6.2	5.6	7.0
63	6.3	7.8	7.1	8.8
80	7.9	9.9	8.9	11.1
100	10	13.1	11.2	14.7
125	13.2	15.4	14.8	17.3
140	15.5	21	17.4	23.6
200	21.1	24.6	23.7	27.7
250	24.7	30.8	27.8	34.7
300	30.9	36.9	34.8	41.5
350	37	44	41.6	49.5
400	44.1	49.5	49.6	55.7
450	49.6	55.4	55.8	62.4
500	55.5	61.6	62.5	69.3