

STF-10 CONTROL OF PARALLEL CONNECTED UNIT

Several units supply the same duct system. The main unit handles temperature and fan control by sending setpoints to parallel units via process bus (KNX). All airflows are totalized and presented along with alarms in the main unit.

The main unit can be considered as a regular unit and can be configured for all types of control modes of fan and temperature and can be run by time scheduler, BMS or external control.

The parallel unit is configured for flow control of the fans and supply air temperature control. Fan and temperature setpoints are forwarded from the main unit. Emergency operation of the fans is available in the parallel unit in case of trouble on the main unit. Furthermore, a start limit can be set on the parallel unit, if you would like to run the main unit up to a certain air flow and then start the parallel unit.

STF-10-1	Main unit
STF-10-11	Parallel unit

