

BL25 / SL50

STRATIFIED LAYER MODULE / CHARGING UNIT

SONNENKRAFT

EASY

easy to mount on the SLSS buffer tank

EFFICIENT

for rapid provision of hot water,
only the top zone is heated

EXTRA

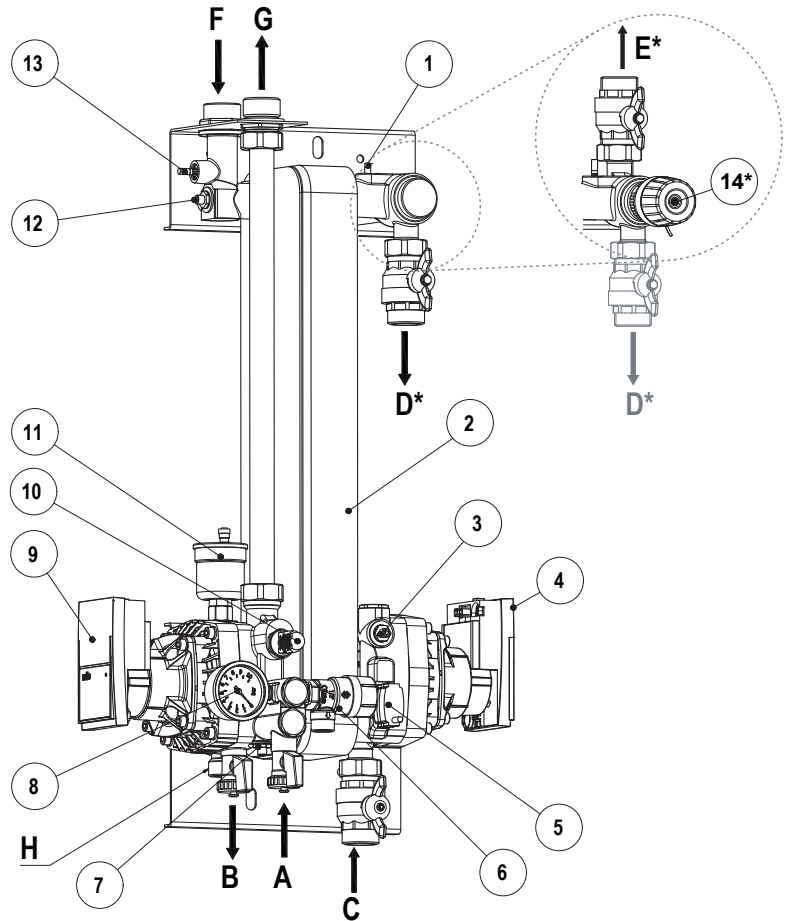
maximum solar yield through speed
control and optimum heat transfer at
the plate heat exchanger



TECHNICAL DATA

		BL25	SL50
Dimensions (H x W x D)	mm	930 x 496 x 325	
Cover		EPP black	
Weight	kg	22	25
Control unit		STRGO	BX PLUS
KFE valve filling + discharge nozzle		-	G3/4" AG
CONNECTIONS			
KFE-valve filling nozzle (A)		G3/4" AG	
KFE-valve discharge nozzle (B)		G3/4" AG	
Buffer return line (C)		G1" AG	
LOWER buffer inflow line (D)		-	G1" AG
UPPER buffer inflow line (E)		-	G1" AG
Solar inflow line (F)		G1" AG	
Solar return line (G)		G1" AG	
Expansion tank connection (H)		G3/4" AG	
Max. operating pressure			
Collector circuit / buffer circuit	bar	6 / 3	
Solar pump	Type	Yonos Para Hu 25 / 7.0	
Nominal voltage	VAC/Hz	230/50	
Nominal output	W	3-45	
Max. delivery height	m	7	
Buffer charging pump		Yonos Para Hu 25 / 7.0	
Nominal Voltage	V/Hz	230/50	
Nominal output	W	3-45	
Max. delivery height	m	max. 7	
Plate heat exchanger		Glycol/Wasser	
Power	kW	15	26
Inlet temperature	°C	60°C (glycol) / 29 °C (water)	
Outlet temperature	°C	35°C (glycol) / 54 °C (water)	
Durchflussmenge	kg/h	500	1000

COMPONENTS



- 1 Temp. sensor - buffer inflow line
- 2 Heat exchanger
- 3 Buffer circuit adjustment valve
- 4 Buffer charging pump
- 5 Buffer circuit flow meter
- 6 Over pressure valve 6 bar
- 7 Solar circuit adjustment valve
- 8 Manometer
- 9 Solar pump
- 10 Solar circuit flow meter
BL25: analog / SL50: digital
- 11 Solar vent
- 12 Solar circuit block valve
- 13 Temp. sensor - solar line
- 14* electrical actuator (SL50 only)

CONNECTIONS

- A KFE-valve filling nozzle
- B KFE-valve discharge nozzle
- C Buffer return line
- D* LOWER buffer inflow line (SL50 only)
- E* UPPER buffer inflow line (SL50 only)
- F Solar inflow line
- G Solar return line
- H Expansion tank connection