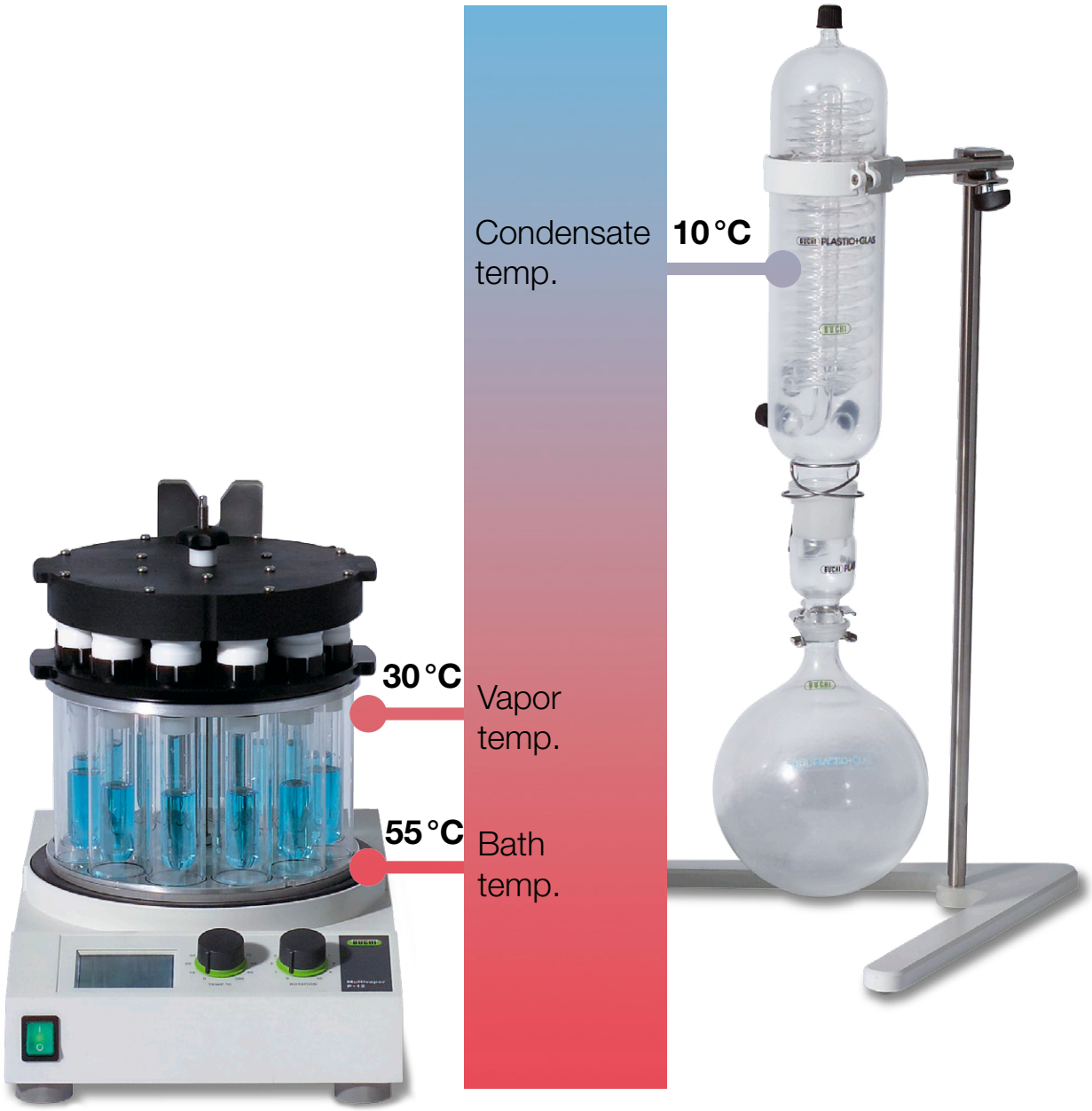
Optimize your distillation
With the BUCHI Multivapor™



Remember: for evaporation at 30 °C (vapor temperature) follow the guideline:

1. instrument setting: 55 °C
2. cooling medium: ≤10 °C, ≥ 500 mL/min
3. vacuum setting according to the Solvent List column 30 °C

List of Solvents
Evaporation

Solvent	Formula	Vacuum [mbar] for bp at:	
		30 °C	50 °C
Acetic acid	$C_2H_4O_2$	26	72
Acetone	C_3H_6O	370	815
Acetonitrile	C_2H_3N	134	315
n-Amylalcohol, *n*-Pentanol	$C_5H_{12}O$	6	20
n-Butanol	C_4H_{10}	14	44
tert-Butanol	$C_4H_{10}O$	78	231
Chlorobenzene	C_6H_5Cl	22	56
Chloroform	$CHCl_3$	306	665
Cyclohexane	C_6H_{12}	154	347
1,2-Dichloroethane	$C_2H_4Cl_2$	137	315
Dichloromethane	CH_2Cl_2	685	atm. press.
Diethylether	$C_4H_{10}O$	838	atm. press.
trans-1,2-Dichloroethylene	$C_2H_2Cl_2$	317	705
Diisopropylether	$C_6H_{14}O$	251	545
Dioxane	$C_4H_8O_2$	68	165
Dimethylformamide (DMF)	C_3H_7NO	6	17
Ethanol	C_2H_6O	97	276
Ethylacetate	$C_4H_8O_2$	153	366
Heptane	C_7H_{16}	77	183
Hexane	C_6H_{14}	241	525
Isopropylalcohol	C_3H_8O	78	231
Isoamylalcohol	$C_5H_{12}O$	9	29
Methyl *tert*-buthyl ether (MTBE)	$C_5H_{12}O$	413	835
Methyl ethyl ketone (MEK)	C_4H_8O	160	359
Methanol	CH_4O	236	607
Pentane	C_5H_{12}	819	atm. press.
n-Propanol	C_3H_8O	37	115
Pentachloroethane	C_2HCl_5	8	21
Tetrachloromethane	CCl_4	179	398
Tetrahydrofurane (THF)	C_4H_8O	234	539
Toluene	C_7H_8	48	118
Trichloroethylene	C_2HCl_3	119	275
Water	H_2O	42	120
Xylene	C_8H_{10}	15	40

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