

COMPACT MIXING GROUP

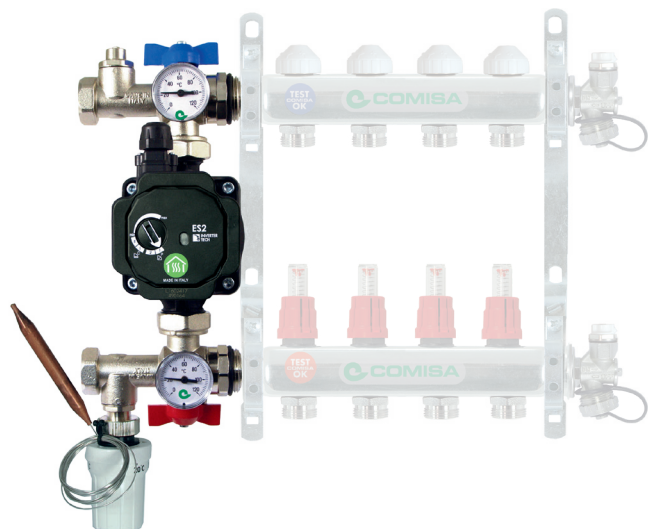
TECHNICAL DATA SHEET



ART. CT0607000011 - CT0607000012
MIXING UNIT WITH TACO CIRCULATOR AND THERMOSTATIC HEAD



COMPACT MIXING GROUP WITH PUMP

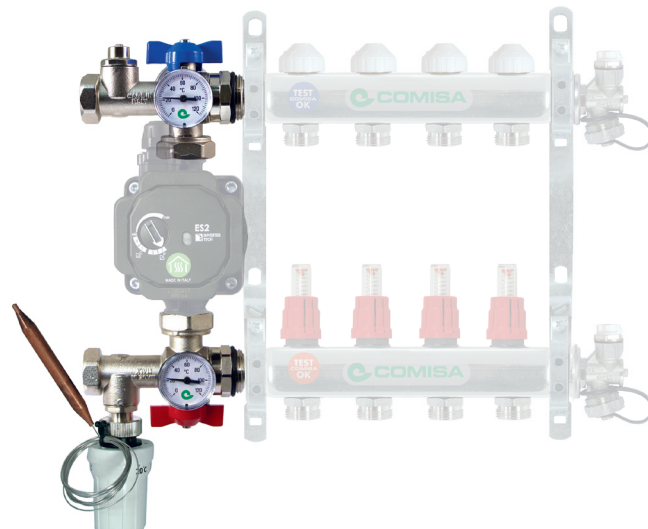


SPECIFICATIONS

CODE	CT0607000011 (88.10.034)
MANIFOLD CONNECTION	2 connections 1" manifold
DISTRIBUTOR CONNECTION	2 connections for 1" circulator
PUMP	pump TACO INT. 130
BALL VALVES	2 ball valves 1"
FLOW DIRECTION	1 regulating lockshield 3/4" valve on flow direction
RETURN	1 thermostatic valve 3/4" M30x1,5mm 1 thermostatic head with sensor
DISTANCE	200 mm



COMPACT MIXING GROUP WITHOUT PUMP



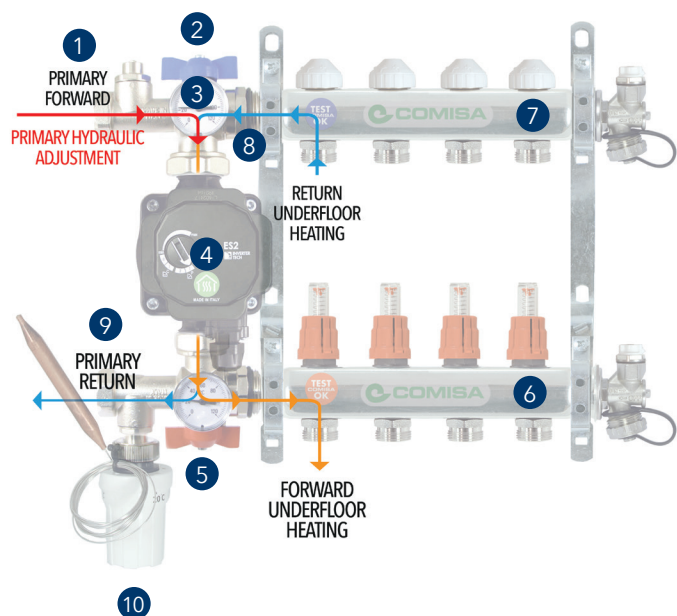
SPECIFICATIONS

CODE	CT0607000012 (88.10.035)
MANIFOLD CONNECTION	2 connections 1" manifold
DISTRIBUTOR CONNECTION	2 connections for 1" circulator
BALL VALVES	2 ball valves 1"
FLOW DIRECTION	1 regulating lockshield 3/4" valve on flow direction
RETURN	1 thermostatic valve 3/4" M30x1,5mm 1 thermostatic head with sensor
DISTANCE	200 mm

PUMP MOTOR TACO INT. 130 DATA SHEET

SUPPLY VOLTAGE	1 x 230 V (-10%; + 6%);
FREQUENCY	50 Hz / 60 Hz
ELECTRICAL CONNECTION	cable gland PG11
ENERGY EFFICIENCY RATING	≤ 0,20 - Part 2
RATED INPUT POWER	min 3W, max 42W
NOMINAL CURRENT	min 0.03 A, max 0.33 A
INSULATION CLASS	H
PROTECTION CLASS	IP44
APPLIANCE CLASS	II

COMPACT MIXING GROUP FUNCTIONING



DESCRIPTION	
1	regulating lockshield valve 3/4"
2	ball valve flow direction 1"
3	thermometer
4	heating pump 1"
5	ball valve return 1"
6	manifold underfloor heating flow direction
7	manifold underfloor heating return
8	non-return valve
9	thermostatic valve 3/4" M30x1,5mm
10	thermostat head with sensor

The Compact Mixing Group is designed for direct installation in underfloor heating manifolds with hydronic distribution systems.

Consisting of forward and return valve, two thermometers for temperature control, non-return valve, high-efficiency pump Taco Int. 130, two 1" ball valves, regulation lockshield 3/4", thermostatic valve 3/4" and thermostatic head with temperature sensor.

The Group is basically used for avoiding installation pipework between the boiler and manifold for underfloor heating.

TECHNICAL DATA OF MIXING GROUP

PERFORMANCE	
SUITABLE FLUIDS	water, glycol
MAX. PERCENTAGE OF GLYCOL	50%
OPERATING TEMPERATURE RANGE	20°C-70°C
PRIMARY INLET MAX. TEMPERATURE	55°C
MAX. WORKING PRESSURE	600 kPa
MIN. OPENING PRESSURE FOR PRIMARY CIRCUIT CHECK VALVE	with thermostat 20°C-70°C

MATERIALS	
BODY	brass CW617N
BALL VALVES	brass CW617N
O-RING	EPDM 281 peroxide

