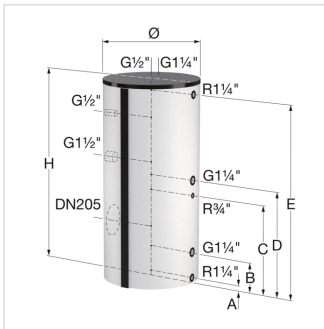


Product Data Sheet (2021-07-21)

19298 - FlexTherm Duo 750



Description	FlexTherm DUO 750L+ins w-alu(18380+394)	
Article	19298	
Model	FlexTherm Duo 750 - 1000	
Capacity [l]	750	
Dimensions *	Ø [mm]	750
	H [mm]	1970
	Tilting height [mm]	2070
Heating surface area [m ²]	2.7	
Heating capacity [kW] **	67.1	
Water capacity [l/h] **	1166	
Insulation colour	white alu.	
Weight [kg]	280	



Classification General Data

Etim Group	Boilers and heaters
Etim Class	Hot tap water boiler indirectly heated
Product Name	FlexTherm DUO 750L+ins w-alu(18380+394)
Brand	Flamco
Product Type	750

Attributes

Material boiler tank	Steel
Material casing	Other
Max. transferable capacity 80/10-45 [kW]	67.1
Surface protection of tank	Enamelled
Volume [l]	750
Heat transfer	Spiral
Double separation	No
Wall set-up	No
Vertical positioning	Yes
Max. primary operating pressure [bar]	10
Max. secondary operating pressure [bar]	16
With pressure reducing valve	No
With pressure gauge	No
With thermometer	Yes
With cleaning opening	Yes
Protective anode	Yes
Height [mm]	1970
Width [mm]	750
Depth [mm]	750
Cold tap water connection	External thread
Outer pipe diameter cold tap water [mm]	42.4
Hot tap water connection	External thread
Outer pipe diameter hot tap water [mm]	42.4
Circulation pipe connection	Other
Nominal diameter circulation pipe	1 1/4 inch (32)
Outer pipe diameter circulation pipe [mm]	42.4

Type	Distance from floor to connection centres				
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
FlexTherm Duo 750	60	320	890	1040	1880
FlexTherm Duo 1000	70	330	960	1110	2140

Technical specifications	FlexTherm Duo										
	120	150	200	300	400	500	750	1000	1500	2000	3000
Total heat loss (EN 12897) [W]	56	63	83	87	96	102	117	145	160	181	n/a
Energy label	C	C	C	C	C	C	C	C	C	C	n/a
Insulation thickness [mm]	80	80	80	80	80	80	80	80	100	100	100

Technical specifications	FlexTherm Duo										
	120	150	200	300	400	500	750	1000	1500	2000	3000
Performance index (T => 60 °C) [NL]	1.3	2.1	4.0	8.6	14.0	20.0	29.0	42.0	80.0	110.0	201.0
Continuous power (T => 45 °C) [kW] **	14.7	16.7	26.8	42.8	51.3	65.4	97.7	107.5	207.9	247.9	247.9
Continuous power (T => 60 °C) [kW] **	10.2	11.6	18.6	29.5	35.4	45.2	67.1	73.9	143.0	170.0	170.0
Continuous power (T => 70 °C) [kW] **	11.8	13.5	21.5	34.3	41.1	52.4	78.2	86.1	166.5	198.2	198.2
Peak flow (T => 40 °C) [l/10 min.] *	94	100	147	200	294	300	574	600	800	1000	1200
Peak flow (T => 60 °C) [l/10 min.] *	89	100	144	200	287	300	549	600	800	1000	1200
Continuous output (T => 40 °C) [l/h] *	357	409	653	1038	1245	1588	2362	2599	5028	5980	5980
Continuous output (T => 40 °C) [l/h] **	440	500	799	1279	1532	1953	2917	3211	6208	7402	7402
Continuous output (T => 45 °C) [l/h] **	364	414	662	1059	1269	1617	2415	2659	5141	6128	6128
Continuous output (T => 60 °C) [l/h] *	177	202	323	513	615	785	1166	1283	2483	2951	2951
Continuous output (T => 70 °C) [l/h] **	171	195	312	497	595	759	1132	1246	2410	2869	2869
First hour output (T => 40 °C) [l/h] *	391	442	691	1066	1331	1629	2543	2794	4978	5985	6336
First hour output (T => 60 °C) [l/h] *	236	272	413	633	799	982	1521	1734	2990	3662	4190
First hour output (T => 70 °C) [l/h] *	231	266	403	620	782	961	1492	1704	2933	3600	4132
Heat up time (T => 40 °C) [min.] **	16	18	15	14	16	15	15	19	14	16	24
Heat up time (T => 45 °C) [min.] **	20	22	18	17	19	19	19	23	18	20	29
Set drain rate [l/min.]	10	10	15	20	30	30	60	60	80	100	120

Technical specifications	FlexTherm Duo										
	120	150	200	300	400	500	750	1000	1500	2000	3000
Hot water flow (T => 60 °C) [l/h] *	500	500	800	1500	1700	2100	3900	4400	8000	11000	11000
Heating surface of the coil [m²]	0.5	0.6	0.9	1.3	1.6	2.0	2.7	3.2	6.4	7.3	7.3
Pressure drop coil 80/60 °C [kPa]	0.4	0.5	1.6	6.8	10.2	18.7	5.4	7.3	5.0	9.8	9.8

* Hot leg temperature: 80 °C, cold water temperature: 10 °C.

** Hot leg temperature: 90 °C, cold water temperature: 10 °C.

n/a = not applicable.

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