



Dimplex

ACK 10 20



0523 **0**
kWh/annum GJ/annum

MODELL	MODEL		ACK 10 20
Lastprofil	Declared load profile		XXS
Energie- Effizienzklasse (1)	Energy efficiency class (1)		A
Energie- Effizienz (1)	Energy efficiency η_{wh} (1)	%	35,3
Jährlicher Energieverbrauch (1)	AEC annual electricity consumption (1)	kWh	523
Täglicher Energieverbrauch (2)	Daily electricity consumption Qelec (2)	kWh	2,464
Eingestellte Temperatur	Thermostat temperature settings	°C	35
Berücksichtigung des Benutzerprofils	User behaviour consideration		0
Speichervolumen	Storage volume V	l	9,8
BESTIMMUNG	PURPOSE		
Eine Entnahmestelle	One outlet		+
Übertisch- Anordnung	Overbasin installation		+
Untertisch- Anordnung	Underbasin installation		-
ABMESSUNGEN, GEWICHTE	DIMENSIONS OF CONNECTIONS		
Höhe	Height	mm	454
Breite	Width	mm	310
Tiefe	Depth	mm	265
Wasseranschluss	Connections to the supply network		G 1/2
Gewicht netto/brutto/mit Wasser	Net/gross weight/with water	kg	4/4,5/14
TECHNISCHE DATEN	TECHNICAL CHARACTERISTICS		
Nennndruck	Working pressure	Mpa (bar)	-
Kunststoffbehälter	Plastic tank		+
Einstellbare Temperatur bis 75° C	Selection of temperature up to 75°C		+
Frostschutzstellung	Protection against freezing		+
Kontrollleuchte „Erwärmen“	Heating element control lamp		+
Schutzgrad	Degree of protection		IP 24
ELEKTRISCHE WERTE	ELECTRICAL CONNECTIONS		
Nennleistung	Rated power output	W	2000
Nennspannung	Voltage 230 V ~		+
Nennstrom	Nominal current	A	8,7
BETRIEBSWERTE	FUNCTIONAL CHARACTERISTICS		
Aufheizzeit von 10° auf 65° C	Heating time from 10 to 65°C		20min
TRANSPORT	TRANSPORTATION DATA		
Verpackungsabmessungen	Packaging dimensions	mm	275x320x500

(1)EURegulation812/2013; EN50440
EN50440

(1)EURegulation812/2013; EN50440 (2)
(2) EN50440

		ACH51Z	ACH81Z	ACH101Z	ACH151Z
MODEL		OGB 50 Z	OGB 80 Z	OGB 100Z	OGB 150Z
Declared load profile		M	M	L	XL
Energy efficiency class (1)		C	C	C	C
Energy efficiency η_{wh} (1)	%	37,2	36,9	38,1	38,1
AEC annual electricity consumption (1)	kWh	1382	1393	2687	4399
Daily electricity consumption Qelec (2)	kWh	6,425	6,49	12,41	20,322
Thermostat temperature settings	55°	"eco"	"eco"	"eco"	"eco"
Specific precautions (assembly, install, maintain)	When connected as pressurised, use of safety valve is mandatory				
Value of <i>smart</i>		0	0	0	0
Storage volume V	l	48,3	78	97,3	147,1
Mixed water at 40°C V40 (2)	l	66	116	137	213
PURPOSE					
One or more outlets		+	+	+	+
Vertical wall mounting		+	+	+	+
DIMENSIONS OF CONNECTIONS					
Height	mm	610	830	975	1345
Width	mm	500	500	500	500
Depth	mm	512	512	512	512
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2
Net / gross weight / with water	kg	30/33/80	36/39/116	41/44/141	52/56/202
TECHNICAL CHARACTERISTICS					
Working pressure	Mpa(bar)	0,6 (6)	0,6 (6)	0,6 (6)	0,6 (6)
Enamelled steel tank		+	+	+	+
Protective magnesium anode		+	+	+	+
Temperature range adjustment up to 75 °C		+	+	+	+
Protection against freezing		+	+	+	+
Heating element control lamp		+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24
ELECTRICAL CONNECTIONS					
Number of heating elements	W	6 X 1000	6 X 1000	6 X 1000	6 X 1000
Voltage		230 V ~ / 400 V 2n ~ / 400 V 3n ~			
Rated power output –single- stage connection [kW]	kW	2,0; 3,0; 4,0; 6,0	2,0; 3,0; 4,0; 6,0	2,0; 3,0; 4,0; 6,0	2,0; 3,0; 4,0; 6,0
Rated power output –double- stage connection [kW]	kW	3/6, 2/6,	3/6, 2/6,	3/6, 2/6,	3/6, 2/6,
		3/4, 2/4,	3/4, 2/4,	3/4, 2/4,	3/4, 2/4,
		3/3, 2/3,	3/3, 2/3,	3/3, 2/3,	3/3, 2/3,
FUNCTIONAL CHARACTERISTICS					
Heating time from 10 to 75°C (3)		40 min	1 h 05 min	1 h 20 min	2 h 00 min
TRANSPORTATION DATA					
Packaging dimensions	mm	575x600x720	575x600x940	575x600x1085	575x600x1455
(1) EU Regulation 812/2013 ; EN 50440					
(2) EN 50440					
(3) Time for heating the whole content of heater if the initial					
The time for heating applies in case of maximum rated power (4.2 kW at 30 l and 6 kW at 50 – 150 l).					
If the power is lower, the time for heating is proportionately longer.					