

KONDENSA / Technical Data

Model		PC032IT	PC035IT	PC043IT
EC Approval	PIN	0694BM3433	0694BM3433	0694BM3433
Nominal Heat Input kW	min	10,1	11,3	14,8
	max	34,85	38,8	47,5
Nominal Heat Output kW	min	10,2	11,7	15,5
	max	32,8	36,5	44,8
Efficiency % (*)	max	101,0	103,5	105,0
	min	94,1	94,1	94,3
Gas Consumption (G20) (15°C-1013mbar) (m³/h)	min	1,07	1,20	1,57
	max	3,69	4,11	5,03
Gas Consumption (G30/G31) (15°C-1013mbar) (m³/h)	min	0,65	0,73	0,95
	max	2,24	2,50	3,06
Gas Consumption (G2.350) (15°C-1013mbar) (m³/h)	min	1,50	1,67	2,19
	max	5,16	5,75	7,04
Produced Condensa Quantity lt/h		0,77	0,84	1,45
Ø Separate Discharge/Inlet Flues mm		80/80	80/80	80/80
Available Flue Discharge Pressure Pa		70	80	120
Air Flow (T 15°C) m ³ /h (**)		3.800	3.800	6.250
Air Throw m (**)		24	25	30
Δ T Air °K (**)	min	7,7	8,8	7,1
	max	24,7	27,5	20,5
Fans Speed rpm (**)		1350	1350	1350
Fans Number /Ø Angle mm/(°)(**)		(1)420/27°	(1)420/27°	(2)420/27°
Power Supply V/Hz		230/50	230/50	230/50
Power Absorbed W (**)		220	220	440
Noise Level (Free Field Conditions)(6m)dB(A) (**)		47,5	47,5	50,5
Noise Level (Typical Installation) (6m) (**)		59,0	59,0	62,0

Model		PC054IT	PC072IT	PC092IT
EC Approval	PIN	0694BM3433	0694BM3433	0694BM3433
Nominal Heat Input kW	min	15,5	22,0	30,0
	max	58,0	78,0	98,0
Nominal Heat Output kW	min	16,3	23,1	31,5
	max	54,0	73,2	93,4
Efficiency %(*)	max	105,0	105,0	105,0
	min	93,1	93,8	95,3
Gas Consumption (G20) (15°C-1013mbar) (m³/h)	min	1,64	2,33	3,17
	max	6,14	8,25	10,37
Gas Consumption (G30/G31) (15°C-1013mbar) (m³/h)	min	1,00	1,42	1,93
	max	3,73	5,02	6,31
Gas Consumption (G2.350) (15°C-1013mbar) (m³/h)	min	2,30	3,26	
	max	8,00	10,22	
Produced Condensa Quantity lt/h		1,45	2,20	2,60
Ø Separate Discharge/Inlet Flues mm		80/80	100/100	100/100
Available Flue Discharge Pressure Pa		120	120	120
Air Flow (T 15°C) m ³ /h (**)		6.250	6.800	9.250
Air Throw m (**)		32	34	38
Δ T Air °K (**)	min	7,5	9,7	9,8
	max	24,8	30,9	28,9
Fans Speed rpm (**)		1350	1350	1350
Fans Number /Ø Angle mm/(°) (**)		(2)420/27°	(2)420/27°	(3)420/27°
Power Supply V/Hz		230/50	230/50	230/50
Power Absorbed W (**)		440	440	660
Noise Level (Free Field Conditions)(6m) dB(A) (**)		50,5	50,5	53,5
Noise Level (Typical Installation) (6m) (**)		62,0	62,0	65,0

(*) Based on the lower calorific power (Hi)

(**) Data for heaters with axial fans.

KONDENSA / Dimensions

Model	Overall Dimensions				Louvres			Brackets				Gas Supply			Weight Kg
	L	B	H	V	HB	LB	IM	IS	ID	DM	GAS	GO	GV		
PC032	905	665	740	140	620	595	450	206	269	475	3/4"	188	352	102	
PC035	905	665	740	140	620	595	450	206	269	475	3/4"	188	352	102	
PC043	1245	665	740	140	620	935	780	228	257	475	3/4"	188	352	117	
PC054	1245	665	740	140	620	935	780	228	257	475	3/4"	188	352	117	
PC072	1405	775	810	140	690	1080	894	243	288	387	1"	114	296	175	
PC092	1955	775	810	140	690	1632	1434	258	283	387	1"	114	296	216	

