

IRDXi		IR30.DXi 12	IR30.DXi 22	IR30.DXi 27	IR60.DXi 40	IR60.DXi 50
Net Cooling capacity (Total) ⁽¹⁾	kW	12,9	20,7	27,7	40,1	52,6
Cooling capacity (Sensible) ⁽¹⁾	kW	12,9	20,7	27,7	40,1	52,6
Tot. absorbed power ⁽²⁾	kW	3,89	5,20	7,58	9,66	13,04
SHR		1,00	1,00	1,00	1,00	1,00
Air flow	m ³ /h	3000	4000	5000	8000	9000
Fan	n	3	4	4	4	4
Max. ESP	Pa	194	179	218	216	167
Unit EER without remote condenser to max. frequency	W/W	3,6	4,3	4,1	4,5	4,4
Maximum absorbed power	kW	5,1	8,2	10,7	14,8	21,1
Maximum absorbed current	A	21,0	22,6	25,8	30,0	38,5
Power supply	V/ph/Hz	400/3/50+N+PE				
Humidifier						
Steam production (nominal)	kg/h	3	3	3	5	5
Steam production (max.)	kg/h	3	3	3	8	8
Max. absorbed power	kW	2,25	2,25	2,25	3,75	3,75
Max. absorbed current	A	10,0	10,0	10,0	5,5	5,5
Specific conductivity at 20°C (min/max)	µS/cm	300/1250	300/1250	300/1250	300/1250	300/1250
Total hardness (min/max)	mg/l CaCO ₃	100/400	100/400	100/400	100/400	100/400
Electrical heaters						
Steps	n°	1	1	1	3	3
Power	kW	3,0	3,0	3,0	9,0	9,0
Absorbed current	A	4,3	4,3	4,3	13,0	13,0
Condensing water pump						
Nominal flow	l/h	390,0	390,0	390,0	390,0	390,0
Max. flow (prevalence = 0 m)	l/h	500	500	500	500	500
Max. discharge height (flow=0 m ³ /h)	m	5,4	5,4	5,4	5,4	5,4
Condensing water pump + humidifier						
Nominal flow	l/h	600	600	600	600	600
Max. flow (prevalence = 0 m)	l/h	900	900	900	900	900
Max. discharge height (flow=0 m ³ /h)	m	6,0	6,0	6,0	6,0	6,0
Refrigerant data R410A						
Refrigerant charge		2,2	3,0	3,6	4,6	5,4
Global warming potential (GWP)		2088	2088	2088	2088	2088
Equivalent CO ₂ charge		4,6	6,3	7,5	9,6	11,3
Dimensions and weight						
Width	mm	300	300	300	600	600
Depth ⁽³⁾	mm	1100	1100	1100	1100	1100
Height	mm	2030	2030	2030	2030	2030
Weight	Kg	175	185	200	270	280

(1) Ambient temperature 38°C, Relative humidity 30%, Condensing temperature 50°C.

(2) The fans electrical power has not to be added to the ambient load.

(3) In LL, LR and CL versions, the depth is 1200 mm.