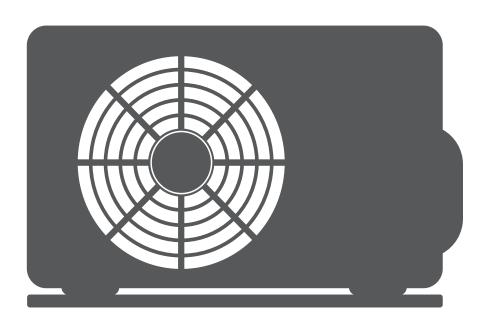


AIR CONDITIONING SYSTEMS

AIR-TO-WATER HEAT PUMP - MONOBLOCK

PRODUCT FICHE



MODELS:

INCL-V40W/N1BP INCL-V60W/N1BP INCL-V100W/N1BP INCL-V120W/N1BP INCL-V140W/N1BP INCL-V160W/N1BP



					Foi	For low-temperature application	application				
				Average climate			Colder climate			Warmer climate	
Model	Energy efficiency class	Unit sound power	Rated heat output	Seasonal Space heating energy efficiency	For space heating annual energy consumption	Rated heat output	Seasonal Space heating energy efficiency	For space heating annual energy consumption	Rated heat output	Seasonal Space heating energy efficiency	For space heating annual energy consumption
		др	ΚW	%	kWh	κW	%	kWh	kW	%	kWh
INCL-V40W/N1BP	A+++	55	4.0	201	1191	4.0	166	2325	4.0	276	775
INCL-V60W/N1BP	A+++	57	6.0	661	2455	5.2	165	3147	6.0	275	1165
INCL-V80W/N1BP	A+++	58	7.5	183	3529	6.4	160	3871	8.0	262	1607
INCL-V100W/N1BP	A+++	65	9.2	206	3617	7.6	162	4541	8.6	276	1877
INCL-V120W/N1BP	A+++	09	11.5	189	4958	10.3	152	6524	12.1	251	2544
INCL-V140W/N1BP	A+++	63	13.5	181	6909	12.1	152	7695	13.9	256	2865
INCL-V160W/N1BP	A+++	29	15.0	183	6692	13.8	157	8509	15.7	264	3138
					Form	For medium-temperature application	re application				
				Average climate			Colder climate			Warmer climate	
Model	Energy efficiency class	Unit sound power	Rated heat output	Seasonal Space heating energy efficiency	For space heating annual energy consumption	Rated heat output	Seasonal Space heating energy efficiency	For space heating annual energy consumption	Rated heat output	Seasonal Space heating energy efficiency	For space heating annual energy consumption
		dB	κw	%	kWh	kW	%	kWh	κw	%	kWh
INCL-V40W/N1BP	A++	99	5.0	136	2375	4.0	115	3435	4.0	192	1113
INCL-V60W/N1BP	A++	85	5.8	138	3521	4.8	112	4225	5.9	161	1649
INCL-V80W/N1BP	A++	69	6.7	131	4162	5.5	101	5380	8.1	171	2270
INCL-V100W/N1BP	A++	09	7.7	139	4453	6.5	601	5604	8.6	190	2374
INCL-V120W/N1BP	A++	64	10.9	138	0689	8.6	111	8453	12.0	168	3756
INCL-V140W/N1BP	A++	99	12.7	137	9152	10.5	113	8828	13.5	175	3922
INCL-V160W/N1BP	A++	89	14.1	148	7723	11.6	116	9285	15.2	171	4669

Product fiche 1	ne 1								
Heat pump space heater	ace heater	Model	INCL-V40W/N1BP	INCL-V60W/N1BP	INCL-V80W/N1BP	INCL-V100W/N1BP	INCL-V120W/N1BP	INCL-V40W/N1BP INCL-V60W/N1BP INCL-V160W/N1BP INCL-V120W/N1BP INCL-V140W/N1BP INCL-V160W/N1BP	INCL-V160W/N1BP
Unit sound power (*)	Average climate low temperature application	[qp]	55	27	58	59	09	63	29
	Average climate medium temperature application	[qp]	26	85	59	09	64	59	89
Capicity of the back-up heater integrated in the unit	Psup back-up heater	[kW]	3	3	3	3	3	3	3
Science	Energy efficiency class 35°C (Low temp. app.)	-	A+++	+++Y	A+++	A+++	A+++	+++V	A+++
opace realing	Energy efficiency class 55°C (Medium temp. app.)	1	A++	++Y	A++	A++	A++	++Y	A++
Average climate (Design temperature = -10°C)	erature = -10°C)								
	Prated (declared heating capacity) @–10°C	[kW]	4.0	0.9	7.5	9.2	11.5	13.5	15.0
Space heating 35°C	Seasonal space heating efficiency (η)	[%]	201	199	183	206	189	181	183
	Annual energy consumption	[kWh]	1617	2455	3529	3617	4958	6909	6692
	Prated (declared heating capacity) @-10°C	[kW]	5.0	5.8	6.7	7.7	10.9	12.7	14.1
Space heating 55°C	Seasonal space heating efficiency (η)	[%]	136	138	131	139	138	137	148
	Annual energy consumption	[kWh]	2375	3521	4162	4453	6390	7516	7723
Part load conditions space he	Part load conditions space heating average climate low temperature application								
	Pdh (declared heating capacity)	[kW]	3.56	5.36	6.64	8.09	10.21	11.98	13.31
(A) condition (-7°C)	COPd (declared COP)	-	3.23	3.23	2.69	3.16	2.62	2.60	2.61
	Cdh(degradation coefficient)	-	66.0	66.0	0.99	66.0	66.0	66.0	66.0
	Pdh (declared heating capacity)	[kW]	2.35	3.43	4.18	5.16	6.20	7.16	8.24
(B) condition (2°C)	COPd (declared COP)	-	5.01	4.58	4.51	4.78	4.47	4.43	4.42
	Cdh(degradation coefficient)	-	0.99	66.0	0.99	0.99	0.99	66.0	0.99
	Pdh (declared heating capacity)	[kW]	2.11	2.28	3.90	3.27	4.28	5.22	5.46
(C) condition (7°C)	COPd (declared COP)	-	6.83	7.15	86.9	7.59	7.48	98.9	6.54
	Cdh(degradation coefficient)	-	0.99	0.99	0.99	0.99	0.99	66.0	0.99
	Pdh (declared heating capacity)	[kW]	2.58	2.57	4.78	3.92	5.17	6.40	7.08
(D) condition (12°C)	COPd (declared COP)	1	10.50	11.36	10.09	11.97	11.08	10.30	9.91
	Cdh(degradation coefficient)		0.99	0.99	0.99	0.98	0.98	66.0	0.99

Product fiche 2	che 2								
Heat pump space heater	pace heater	Model	INCL-V40W/N1BP	INCL-V60W/N1BP	INCL-V80W/N1BP	INCL-V100W/N1BP	INCL-V120W/N1BP	INCL-V60W/N1BP INCL-V80W/N1BP INCL-V100W/N1BP INCL-V120W/N1BP INCL-V140W/N1BP INCL-V160W/N1BP	INCL-V160W/N1BP
	Tol (temperature operating limit)	[,c]	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00
(E) Tol (temperature	Pdh (declared heating capacity)	[kW]	3.99	6.18	6.91	66'L	9.43	11.74	13.57
operating limit)	COPd (declared COP)	-	2.81	2.86	2.44	2.79	2.39	2.32	2.49
	WTOL (Heating water Operation Limit)	[C]	00.09	60.00	00.09	00.09	00.09	00.09	00.09
	Tbiv	[C]	-7.00	-7.00	-7.00	00.7-	00.7-	-7.00	-7.00
(F) Tbivalent temperature	Pdh (declared heating capacity)	[kW]	3.56	5.36	6.64	60.8	10.21	11.98	13.31
	COPd (declared COP)	-	3.23	3.23	2.69	3.16	2.62	2.60	2.61
Supplementary capacity at P_design	Psup (@Tdesignh: -10°C)	[kW]	0.01	0.00	0.64	1.20	2.17	1.87	1.56
Part load conditions space	Part load conditions space heating average climate medium temperature	application	ion						
	Pdh (declared heating capacity)	[kW]	4.44	5.12	5.97	62.9	9.61	11.25	12.50
(A) condition (-7°C)	COPd (declared COP)	-	2.17	2.13	1.89	2.14	1.98	1.96	2.31
	Cdh(degradation coefficient)	-	66.0	0.99	0.99	66'0	66.0	0.99	0.99
	Pdh (declared heating capacity)	[kW]	2.69	3.13	3.94	4.29	6.17	7.70	7.75
(B) condition (2°C)	COPd (declared COP)	-	3.41	3.38	3.24	3.41	3.25	3.30	3.33
	Cdh(degradation coefficient)	-	66.0	0.99	0.99	66'0	66.0	0.99	0.99
	Pdh (declared heating capacity)	[kW]	1.93	2.22	3.14	2.93	4.38	4.92	5.48
(C) condition (7°C)	COPd (declared COP)	-	4.54	4.72	4.88	4.68	5.13	4.93	5.82
	Cdh(degradation coefficient)	-	66.0	66.0	66.0	66'0	66.0	0.99	66.0
	Pdh (declared heating capacity)	[kW]	2.45	2.42	3.77	3.90	5.49	60.9	6.97
(D) condition (12°C)	COPd (declared COP)	-	7.47	7.64	5.88	7.73	8.49	7.98	9.54
	Cdh(degradation coefficient)	-	66.0	0.99	0.99	66'0	66.0	0.99	0.99
	Tol (temperature operating limit)	[,C]	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00
(E) Tol (temperature	Pdh (declared heating capacity)	[kW]	4.23	4.40	5.17	6.61	9.12	10.81	10.28
operating limit)	COPd (declared COP)	-	1.80	1.82	1.56	1.72	1.81	1.77	1.93
	WTOL (Heating water Operation Limit)	[C]	00.09	90.09	00.09	00.09	00.09	00.09	00.09
	Tbiv	[C]	-7.00	-7.00	-7.00	00.7-	00.7-	-7.00	-7.00
(F) Tbivalent temperature	Pdh (declared heating capacity)	[kW]	4.44	5.12	5.97	62.9	9.61	11.25	12.50
	COPd (declared COP)	-	2.17	2.13	1.89	2.14	1.98	1.96	2.31
Supplementary capacity at Pdesign	Psup (@Tdesignh: –10°C)	[kW]	0.82	1.42	1.61	1.10	1.80	1.97	3.92

Product fiche 3									
Heat pump space heater	eater	Model	INCL-V40W/N1BP	INCL-V40W/N1BP INCL-V60W/N1BP	INCL-V80W/N1BP	INCL-V100W/N1BP	INCL-V120W/N1BP	INCL-V80W/N1BP INCL-V100W/N1BP INCL-V120W/N1BP INCL-V140W/N1BP INCL-V160W/N1BP	INCL-V160W/N1BP
Colder climate (Design temperature = -22°C)	2°C)								
	Prated (declared heating capacity)	[kW]	4.0	2:5	6.4	7.6	10.3	12.1	13.8
Space heating 35°C	Seasonal space heating efficiency (n)	[%]	166	165	160	162	152	152	157
	Annual energy consumption	[kWh]	2325	3147	3871	4541	6524	2692	8209
	Prated(declared heating capacity)@–22°C	[kW]	4.0	4.8	5.5	6.5	8.6	10.5	11.6
Space heating 55°C	Seasonal space heating efficiency (ŋ)	[%]	115	112	101	109	111	113	116
	Annual energy consumption	[kWh]	3435	4225	5380	5604	8453	8828	9285
Part load conditions space heating colder climate low temperature application	r climate low temperature application								
	Pdh (declared heating capacity)@–22°C	[kW]	3.51	3.87	4.23	4.59	6.71	7.56	8.31
(A) condition (-7°C)	COPd (declared COP)	-	3.54	3.52	3.48	3.42	3.31	3.27	3.36
	Cdh(degradation coefficient)	-	06.0	06.0	0.90	0.90	0.90	0.90	0.90
(7°67) noi+ibaco (0)	Pdh (declared heating capacity)@–22°C	[kW]	2.01	2.31	2.55	2.82	4.48	4.85	5.23
	COPd (declared COP)	-	4.82	4.98	4.95	5.05	4.76	4.72	4.85
	Cdh(degradation coefficient)	-	06.0	06.0	0.90	0.90	0.90	0.90	0.90
(7°Z) acitibace (7)	Pdh (declared heating capacity)@–22°C	[kW]	1.19	1.38	1.58	1.86	3.05	3.06	3.63
	COPd (declared COP)	-	6.41	6.47	6.27	6.87	5.92	5.92	6.51
	Cdh(degradation coefficient)	-	06.0	06.0	0.90	0.90	0.90	0.90	0.90
	Pdh (declared heating capacity)@–22°C	[kW]	1.37	1.41	1.59	1.62	3.56	3.58	3.36
(D) condition (12°C)	COPd (declared COP)	-	7.61	LL'L	7.65	7.81	7.86	7.81	7.44
	Cdh(degradation coefficient)	-	06.0	06.0	0.90	0.90	0.90	0.90	0.90
	Tol (temperature operating limit)	[c]	-22.00	-22.00	-22.00	-22.00	-22.00	-22.00	-22.00
/timil suitorous or toronamet/ Int /7/	Pdh (declared heating capacity)@–22°C	[kW]	3.01	3.25	3.73	4.25	6.45	7.19	8.65
(E) FOI (terriperature operating minit)	COPd (declared COP)		1.72	1.78	1.79	1.81	1.82	1.82	1.91
	WTOL (Heating water Operation Limit)	[.c]	51.00	51.00	51.00	51.00	51.00	51.00	51.00
	Tbiv	[.c]	-15.00	-15.00	-15.00	-15.00	-15.00	-15.00	-15.00
(F) Tbivalent temperature	Pdh (declared heating capacity)@–22°C	[kW]	3.31	4.25	5.23	6.21	8.39	9.83	11.23
	COPd (declared COP)		2.46	2.62	2.61	2.51	2.46	2.41	2.38
Supplementary capacity at P_design	Psup (@Tdesignh: –22°C)	[kW]	1.05	1.96	2.68	3.37	3.84	4.87	5.13

Product fiche 4									
Heat pump space heater	eater	Model		INCL-V40W/N1BP INCL-V60W/N1BP INCL-V80W/N1BP INCL-V100W/N1BP	INCL-V80W/N1BP	NCL-V100W/N1BP	INCL- V120W/N1BP	INCL-V140W/N1BP	INCL-V140W/N1BP INCL-V160W/N1BP
Part load conditions space heating colder	Part load conditions space heating colder climate medium temperature application								
	Pdh (declared heating capacity)	[kW]	2.81	3.01	3.51	4.06	6.31	6.55	7.26
(A) condition (-7°C)	COPd (declared COP)	-	2.02	2.15	2.23	2.41	2.49	2.53	2.51
	Cdh(degradation coefficient)	-	06.0	06.00	06.0	0.90	06.0	0.90	0.90
	Pdh (declared heating capacity)	[kW]	1.71	1.82	2.09	2.44	3.85	4.15	4.24
(B) condition (2°C)	COPd (declared COP)	-	2.79	2.95	3.08	3.33	3.42	3.51	3.64
	Cdh(degradation coefficient)	-	06:0	0.90	06.0	0.90	06.0	06.0	0.90
	Pdh (declared heating capacity)	[kW]	1.21	1.29	1.36	1.57	2.64	2.96	2.88
(C) condition (7°C)	COPd (declared COP)	-	3.68	3.82	3.91	4.15	4.31	4.58	4.66
	Cdh(degradation coefficient)	-	06.0	06.00	06.0	06.0	06.0	0.90	0.90
	Pdh (declared heating capacity)	[kW]	1.24	1.31	1.39	1.39	3.26	3.26	3.36
(D) condition (12°C)	COPd (declared COP)	-	5.51	5.65	5.62	5.66	6.12	6.12	6.16
	Cdh(degradation coefficient)	-	06.0	0.90	06.0	0.90	06.0	0.90	06.0
	Tol (temperature operating limit)		-22.0	-22.0	-22.0	-22.00	-22.0	-22.00	-22.00
(E) Tol (tomporature constitution limit)	Pdh (declared heating capacity)	[kW]	2.01	2.19	2.38	2.52	3.85	3.86	4.79
(E) 101 (terriperature operating illint)	COPd (declared COP)	-	1.01	1.02	1.05	1.09	1.03	1.03	1.13
	WTOL (Heating water Operation Limit)	$[^{\circ}C]$	51.00	51.00	51.00	51.00	51.00	51.00	51.00
	Tbiv	[C]	-15.00	-15.00	-15.00	-15.00	-15.00	-15.00	-15.00
(F) Tbivalent temperature	Pdh (declared heating capacity)	[kW]	3.18	3.98	4.48	5.29	7.98	8.55	9.45
	COPd (declared COP)	-	1.51	1.71	1.71	1.84	1.75	1.69	1.77
Supplementary capacity at P_design	Psup (@Tdesignh: –22°C)	[kW]	1.89	2.69	3.11	3.97	5.93	6.62	08.9
Warmer climate (Design temperature = 2°	2°C)								
	Prated (declared heating capacity) @ 2°C	[kW]	4.0	6.0	8.0	9.8	12.1	13.9	15.7
Space heating 35°C	Seasonalspaceheating efficiency(η)	[%]	276	275	262	276	251	256	264
	Annual energy consumption	[kWh]	<i>SLL</i>	1165	1607	1877	2544	2865	3138
	Prated (declared heating capacity) @ 2°C	[kW]	4.0	5.9	8.1	8.6	12.0	13.5	15.2
Space heating 55°C	Seasonalspaceheating efficiency(η)	[%]	192	191	171	190	168	175	171
	Annual energy consumption	[kWh]	1113	1649	2270	2374	3756	3922	4669

Product fiche 5									
Heat pump space heater	eater	Model	INCL-V40W/N1BP	INCL-V60W/N1BP	NCL-V80W/N1BP	INCL-V100W/N1BP	INCL-V40W/N1BP INCL-V60W/N1BP INCL-V80W/N1BP INCL-V100W/N1BP INCL-V120W/N1BP	INCL-V140W/N1BP INCL-V160W/N1BP	NCL-V160W/N1BP
Part load conditions space heating warmer climate low temperature application	er climate low temperature application								
	Pdh(declared heating capacity)	[kW]	3.97	5.88	7.38	9.35	11.51	13.37	15.23
(B) condition (2°C)	COPd (declared COP)	-	3.35	3.48	3.78	3.85	3.58	3.39	3.93
	Cdh(degradation coefficient)	-	06.0	06.0	06.0	06.0	06.0	06.0	0.90
	Pdh(declared heating capacity)	[kW]	2.62	3.87	5.13	6.29	7.77	8.93	10.08
C) condition (7°C)	COPd (declared COP)	-	5.78	5.92	5.97	6.21	5.86	5.82	6.05
	Cdh(degradation coefficient)	-	06.0	06.0	06.0	06.0	06.0	06.0	0.90
(D) condition (12°C)	Pdh(declared heating capacity)	[kW]	2.11	2.17	2.54	2.62	3.51	3.71	3.87
	COPd (declared COP)	-	8.13	8.17	8.95	9.03	7.91	8.22	8.12
	Cdh(degradation coefficient)		06.0	0.90	06.0	06.0	06.00	06.0	0.90
	Tol (temperature operating limit)	[,c]	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Pdh(declared heating capacity)	[kW]	3.97	5.88	7.38	9.35	11.51	13.37	15.23
(E) I of (temperature operating limit)	COPd (declared COP)		3.35	3.48	3.78	3.85	3.58	3.39	3.93
	WTOL (Heating water Operation Limit)	[,C]	65.00	65.00	65.00	65.00	65.00	65.00	65.00
(F) Tbivalent temperature	Tbiv	[,C]	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	Pdh(declared heating capacity)	[kW]	2.62	3.87	5.13	6.29	7.77	8.93	10.08
	COPd (declared COP)	-	5.78	5.92	5.97	6.21	5.86	5.82	6.05
Supplementary capacity at P_design	Psup (@Tdesignh: 2°C)	[kW]	0.11	0.14	09.0	0.43	0.58	0.52	0.45
Part load conditions space heating warm	Part load conditions space heating warmer climate medium temperature application	uc							
	Pdh(declared heating capacity)	[kW]	3.87	2.67	7.51	8.03	11.46	13.01	14.67
(B) condition (2°C)	COPd (declared COP)	-	2.35	2.47	2.55	2.57	2.19	2.18	3.18
	Cdh(degradation coefficient)	-	06.0	06.0	0.90	06.0	0.90	06.0	0.90
(C) condition (7°C)	Pdh(declared heating capacity)	[kW]	2.58	3.79	5.21	5.53	7.72	90.6	9.77
	COPd (declared COP)	-	3.51	3.72	3.86	4.02	3.71	3.92	3.69
	Cdh(degradation coefficient)	-	0.90	06.0	0.90	06.0	0.90	06.0	0.90
(D) condition (12°C)	Pdh(declared heating capacity)	[kW]	2.02	2.17	2.32	2.55	3.68	4.06	3.97
	COPd (declared COP)	-	5.43	5.62	5.51	5.76	5.59	5.91	5.73
	Cdh(degradation coefficient)	-	0.90	06.0	0.90	06.0	0.90	06.0	0.90

Product fiche 6									
Heat pump space heater	pater	Model	INCL-V40W/N1BP	INCL-V60W/N1BP	INCL-V80W/N1BP	INCL-V100W/N1BP	INCL-V120W/N1BP	INCL-V60W/N1BP INCL-V80W/N1BP INCL-V100W/N1BP INCL-V120W/N1BP INCL-V140W/N1BP INCL-V160W/N1BP	INCL-V160W/N1BP
	Tol (temperature operating limit)	[C]	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Pdh (declared heating capacity)	[kW]	3.87	5.67	7.51	8.03	11.46	13.01	14.67
(E) Tol (temperature operating limit)	COPd (declared COP)		2.35	2.47	2.55	2.57	2.19	2.18	3.18
	WTOL (Heating water Operation Limit)	[].	65.00	65.00	65.00	65.00	65.00	65.00	65.00
	Tbiv	[,]	7.00	7.00	7.00	7.00	7.00	7.00	7.00
(F) Tbivalent temperature	Pdh (declared heating capacity)	[kW]	2.58	3.79	5.21	5.53	7.72	90.6	9.77
	COPd (declared COP)		3.51	3.72	3.86	4.02	3.71	3.92	3.69
Supplementary capacity at P_design	Psup (@Tdesignh: 2°C)	[kW]	0.14	0.23	0.59	0.57	0.55	1.09	0.53
	Air-to-water heat pump	N/X	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Water-to-water heat pump	N/X	No	No	No	N _O	No	No	No No
	Brine-to-water heat pump	N/X	N _O	No	No	No	No	No	No
Product description	Low -temperature heat pump	N/X	No	No	No	S S	No	N _O	_O N
	Equipped with a supplementary heater	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Heat pump combination heater	N/X	N _O	No	No	N _O	No	N _O	N _O
Air to w ater unit	Rated airflow	[m3/h]	2650	2650	3350	4050	4050	4650	4650
Brine/water to water unit	Rated w ater/brine flow (outdoor H/E)		/	/	/	/	/	/	/
	Capacity control		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	P(Power consumption Off mode)	[kW]	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	P (Power consumption Thermostat off mode)	[kW]	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Other	P(Power consumption Standby mode)	[kW]	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	P(Power crankcase heater model)	[kW]	0.040	0.040	0.040	0.040	0.040	0.040	0.040
	Q(Daily electricity consumption)	[kWh]	1	/	1	1	/	1	1
	Q(Daily fuel consumption)	[kWh]	/	/	/	/	/	/	/

	•	Technic	cal pa	arameters			
Model(s):				INCL-V40W/N1BP			
Air-to-water heat pump:				YES			
Water-to-water heat pump:				NO			
Brine-to-water heat pump:				NO			
Low-temperature heat pump:				NO			-
Equipped with a supplementary heater:				NO/YES			
Heat pump combination heater:				NO			•
Declared climate condition:				AVERAGE			
Parameters are declared for medium-tem	perature applicatio	n.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW	Seasonal space heating energy efficiency	ηs	136	%
Declared capacity for heating for part load at inditemperature Tj	oor temperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	at indoor
Tj = -7°C	Pdh	4.4	kW	Tj = -7°C	COPd	2.17	-
Tj = 2°C	Pdh	2.7	kW	Tj = 2°C	COPd	3.41	-
Tj = 7℃	Pdh	1.9	kW	Tj = 7°C	COPd	4.54	-
Tj = 12℃	Pdh	2.4	kW	Tj = 12℃	COPd	7.47	-
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.17	-
Tj = operating limit	Pdh	4.2	kW	Tj = operating limit	COPd	1.80	-
For air-to-water heat pumps: Tj = -15	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active r	mode	-		Supplementary heater			
Off mode	Poff	0.010	kW	Data disa stanta (**)	Б	0.0	1.347
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	0.8	kW
Thermostat-off mode	Pto	0.007	kW			FI I	
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical	
Other items							
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2650	m³/h
Sound power level, indoors/outdoors	LWA	56	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat			m³/h
Annual energy consumption	Q _{HE}	2375	kWh	exchanger	-	-	myn
For heat pump combination heater:							
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%
Daily electricity consumption	Q _{clec}	-	kWh	Daily fuel consumption	Q _{fuel}	-	kWh
Annual electricity consumption	AEC	_	kWh	Annual fuel consumption	AFC	-	GJ
Contact details							
(*) For heat pump space heaters and heat the rated heat output of a supplementary (**) If Cdh is not determined by measurer	heater Psup is equ	al to the si	uppleme		load for he	eating Pdes	ignh, and

	•	Fechnic	cal pa	arameters			
Model(s):				INCL-V40W/N1BP			
Air-to-water heat pump:				YES			
Water-to-water heat pump:				NO			
Brine-to-water heat pump:				NO			
Low-temperature heat pump:				NO			
Equipped with a supplementary heater:				NO/YES			
Heat pump combination heater:				NO NO			
Declared climate condition:				COLDER			
Parameters are declared for medium-temp	perature application	<u> </u>		OCEDEN			
Talameters are decided for mediam-temp	orature application						
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW	Seasonal space heating energy efficiency	ηs	115	%
Declared capacity for heating for part load at indoctemperature Ti	or temperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	at indoor
Tj = -7°C	Pdh	2.8	kW	Tj = -7°C	COPd	2.02	-
Tj = 2°C	Pdh	1.7	kW	Tj = 2°C	COPd	2.79	-
Tj = 7℃	Pdh	1.2	kW	Tj = 7°C	COPd	3.68	_
Tj = 12℃	Pdh	1.2	kW	Tj = 12°C	COPd	5.51	_
Tj = bivalent temperature	Pdh	3.2	kW	Tj = bivalent temperature	COPd	1.51	
,	Pdh	2.0	kW	Tj = operating limit	COPd	1.01	
Tj = operating limit	Pdh	2.0	kW	For air-to-water heat pumps: Tj = -15°C	COPd		
For air-to-water heat pumps: Tj = -15℃	Pan	-	KVV	For air-to-water heat pumps: 1) = -15 C For air-to-water heat pumps: Operation limit	COPa	-	
Bivalent temperature	Tbiv	-15	°C	temperature	TOL	-22	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	51	°C
Power consumption in modes other than active m	ode			Supplementary heater			
Off mode	Poff	0.010	kW	Dated boot output (**)	В	1.0	14/07
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	1.9	kW
Thermostat-off mode	Pto	0.007	kW			FI I	
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical	
Other items							
Capacity control		variable	_	For air-to-water heat pumps: Rated air flow rate, outdoors	-	2650	m³/h
Sound power level, indoors/outdoors	L _{WA}	56	dB	For water-or brine-to-water heat pumps:			m-1/L
Annual energy consumption	Q _{HE}	3435	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
For heat pump combination heater:							
Declared load profile		_		Water heating energyefficiency	η _{wh}	-	%
Daily electricity consumption	Q	_	kWh	Daily fuel consumption	Q	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
,	1	1					
Contact details							
(*) For heat pump space heaters and heat the rated heat output of a supplementary h (**) If Cdh is not determined by measurem	leater Psup is equ	al to the su	uppleme	ntary capacity for heating sup(Tj).	load for he	eating Pdes	ignh, and

	•	Technic	cal pa	arameters			
Model(s):				INCL-V40W/N1BP			
Air-to-water heat pump:				YES			
Water-to-water heat pump:				NO			
Brine-to-water heat pump:				NO			
Low-temperature heat pump:				NO			
Equipped with a supplementary heater:				NO/YES			
Heat pump combination heater:				NO			
Declared climate condition:				WARMER			
Parameters are declared for medium-tempe	rature applicatio	n.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW	Seasonal space heating energy efficiency	ηs	192	%
Declared capacity for heating for part load at indoor temperature Tj	temperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indoor
Tj = -7℃	Pdh	-	kW	Tj = -7°C	COPd	-	-
Tj = 2℃	Pdh	3.9	kW	Tj = 2℃	COPd	2.35	-
Tj = 7°C	Pdh	2.6	kW	Tj = 7°C	COPd	3.51	-
Tj = 12℃	Pdh	2.0	kW	Tj = 12℃	COPd	5.43	-
Tj = bivalent temperature	Pdh	2.6	kW	Tj = bivalent temperature	COPd	3.51	-
Tj = operating limit	Pdh	3.9	kW	Tj = operating limit	COPd	2.35	-
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-
Bivalent temperature	Thiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes other than active modes	de			Supplementary heater			•
Off mode	Poff	0.010	kW				
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	0.1	kW
Thermostat-off mode	Pto	0.007	kW				
Crankcase heater mode	Pck	0.000	kW	Type of energy input		Electrical	
		•					
Other items							
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	ı	2650	m³/h
Sound power level, indoors/outdoors	L _{WA}	56	dB	For water-or brine-to-water heat pumps:			0.0
Annual energy consumption	Q _{HE}	1113	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
For heat pump combination heater:							
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details							
(*) For heat pump space heaters and heat p the rated heat output of a supplementary he. (**) If Cdh is not determined by measurement	ater Psup is equ	al to the su	uppleme	ntary capacity for heating sup(Tj).	load for he	eating Pdes	ignh, and

	l	echnic	cai pa	arameters			
Model(s):				INCL-V60W/N1BP			
Air-to-water heat pump:				YES			
Water-to-water heat pump:				NO			
Brine-to-water heat pump:				NO			
Low-temperature heat pump:				NO			
Equipped with a supplementary heater:				NO/YES			
Heat pump combination heater:				NO			
Declared climate condition:				AVERAGE			
Parameters are declared for medium-temp	erature applicatio	n.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.8	kW	Seasonal space heating energy efficiency	ηs	138	%
Declared capacity for heating for part load at indo temperature Tj	or temperature 20 °C	and outdoo	r	Declared coefficient of performance or primal temperature 20 °C and outdoor temperature		o for part load	d at indoo
Tj = -7°C	Pdh	5.1	kW	Tj = -7℃	COPd	2.13	-
Tj = 2°℃	Pdh	3.1	kW	Tj = 2°C	COPd	3.38	-
Tj = 7°C	Pdh	2.2	kW	Tj = 7°C	COPd	4.72	-
Tj = 12℃	Pdh	2.4	kW	Tj = 12℃	COPd	7.64	-
Tj = bivalent temperature	Pdh	5.1	kW	Tj = bivalent temperature	COPd	2.13	-
Tj = operating limit	Pdh	4.4	kW	Tj = operating limit	COPd	1.82	-
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active m	ode	l		Supplementary heater			
Off mode	Poff	0.010	kW				
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	1.4	kW
Thermostat-off mode	Pto	0.007	kW				
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical	
	•	<u>.</u>					
Other items							
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2650	m³/h
Sound power level, indoors/outdoors	└wa	58	dB	For water-or brine-to-water heat pumps:			
Annual energy consumption	Q _{HE}	3521	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
For heat pump combination heater:							
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details							
55ast actumo							

		Technic	cal pa	arameters								
Model(s):				INCL-V60W/N1BP								
Air-to-water heat pump:			YES									
Water-to-water heat pump:		NO										
Brine-to-water heat pump:		NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO										
Declared climate condition:		COLDER										
Parameters are declared for medium-temper	ature applicatio	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	4.8	kW	Seasonal space heating energy efficiency	ηs	112	%					
Declared capacity for heating for part load at indoor t temperature Tj	emperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	at indoor					
Tj = -7°C	Pdh	3.0	kW	Tj = -7℃	COPd	2.15	-					
Tj = 2°C	Pdh	1.8	kW	Tj = 2℃	COPd	2.95	-					
Tj = 7°C	Pdh	1.3	kW	Tj = 7℃	COPd	3.82	-					
Tj = 12℃	Pdh	1.3	kW	Tj = 12℃	COPd	5.65	-					
Tj = bivalent temperature	Pdh	4.0	kW	Tj = bivalent temperature	COPd	1.71	-					
Tj = operating limit	Pdh	2.2	kW	Tj = operating limit	COPd	1.02	-					
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-					
Bivalent temperature	Tbiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	51	°C					
Power consumption in modes other than active mode	e	•		Supplementary heater								
Off mode	Poff	0.010	kW									
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	2.7	kW					
Thermostat-off mode	Pto	0.007	kW									
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical						
01				<u> </u>								
Other items				Faraiata watan baat www.aa Datad air flaw		1 1						
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2650	m³/h					
Sound power level, indoors/outdoors	LWA	58	dB	For water-or brine-to-water heat pumps:			m2/h					
Annual energy consumption	Q _{HE}	4225	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h					
For heat pump combination heater:												
Declared load profile				Water heating energyefficiency	η _{wh}		%					
Daily electricity consumption	Q	Γ.	kWh	Daily fuel consumption	Q fuel	-	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
	<u> </u>			· · · · · · · · · · · · · · · · · · ·								
Contact details												
(*) For heat pump space heaters and heat put the rated heat output of a supplementary hea (**) If Cdh is not determined by measuremen	ter Psup is equ	ial to the si	uppleme	ntary capacity for heating sup(Tj).	load for he	eating Pdes	ignh, and					

		Technic	cal pa	arameters								
Model(s):				INCL-V60W/N1BP								
Air-to-water heat pump:		1		YES								
Water-to-water heat pump:		NO										
Brine-to-water heat pump:		NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO										
Declared climate condition:		WARMER										
Parameters are declared for medium-temperate	ure applicatio	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	5.9	kW	Seasonal space heating energy efficiency	ηs	191	%					
Declared capacity for heating for part load at indoor ten temperature Tj	nperature 20°C	and outdoo	r	ry energy rati Tj	o for part load	d at indoor						
Tj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	-	-					
Tj = 2℃	Pdh	5.7	kW	Tj = 2℃	COPd	2.47	-					
Tj = 7°C	Pdh	3.8	kW	Tj = 7℃	COPd	3.72	-					
Tj = 12℃	Pdh	2.2	kW	Tj = 12℃	COPd	5.62	-					
Tj = bivalent temperature	Pdh	3.8	kW	Tj = bivalent temperature	COPd	3.72	-					
Tj = operating limit	Pdh	5.7	kW	Tj = operating limit	COPd	2.47	-					
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-					
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	65	°C					
Power consumption in modes other than active mode				Supplementary heater								
Off mode	Poff	0.010	kW	Rated heat output (**)	P _{sup}	0.2	kW					
Standby mode	Psb	0.010	kW	Traied fleat output ()	r sup	0.2	KVV					
Thermostat-off mode	Pto	0.007	kW	Type of energy input		Electrical						
Crankcase heater mode	Pck	0.000	kW	Type of energy input		Liectrical						
Other items												
				For air-to-water heat pumps: Rated air flow		2670						
Capacity control		variable		rate, outdoors	-	2650	m³/h					
Sound power level, indoors/outdoors	L _{WA}	58	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	_	_	m³/h					
Annual energy consumption	Q _{HE}	1649	kWh	exchanger								
For heat pump combination heater:												
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%					
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
Contact details												
(*) For heat pump space heaters and heat pum the rated heat output of a supplementary heate (**) If Cdh is not determined by measurement t	r Psup is eqι	ıal to the sı	uppleme	ntary capacity for heating sup(Tj).	n load for he	eating Pdes	ignh, and					

	•	Technic	cal pa	arameters								
Model(s):				INCL-V80W/N1BP								
Air-to-water heat pump:				YES								
Water-to-water heat pump:		NO										
Brine-to-water heat pump:		NO NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO NO										
Declared climate condition:				AVERAGE								
Parameters are declared for medium-temp	perature applicatio	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	6.7	kW	Seasonal space heating energy efficiency	ηs	131	%					
Declared capacity for heating for part load at indotemperature Tj	or temperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	at indoo					
Tj = -7°C	Pdh	6.0	kW	Tj = -7°C	COPd	1.89	-					
Tj = 2°C	Pdh	3.9	kW	Tj = 2°C	COPd	3.24	-					
Tj = 7°℃	Pdh	3.1	kW	Tj = 7°C	COPd	4.88	-					
Tj = 12℃	Pdh	3.8	kW	Tj = 12°℃	COPd	5.88	-					
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.89	-					
Tj = operating limit	Pdh	5.2	kW	Tj = operating limit	COPd	1.56	-					
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-					
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other than active m	node	•		Supplementary heater								
Off mode	Poff	0.010	kW		_							
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	1.6	kW					
Thermostat-off mode	Pto	0.007	kW									
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical						
Other items												
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	3350	m³/h					
Sound power level, indoors/outdoors	L _{WA}	-/59	dB	For water-or brine-to-water heat pumps:			2.0					
Annual energy consumption	Q _{HE}	4162	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h					
For heat pump combination heater:												
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%					
Daily electricity consumption	Q _{clec}	-	kWh	Daily fuel consumption	Q _{fuel}	-	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
Contact details												
(*) For heat pump space heaters and heat the rated heat output of a supplementary h (**) If Cdh is not determined by measurem	neater Psup is equ	al to the su	uppleme	ntary capacity for heating sup(Tj).	load for he	eating Pdes	ignh, an					

		Technic	cal pa	rameters								
Model(s):				INCL-V80W/N1BP								
Air-to-water heat pump:			YES									
Water-to-water heat pump:		NO										
Brine-to-water heat pump:		NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO										
Declared climate condition:		COLDER										
Parameters are declared for medium-tempera	ture applicatio	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	5.5	kW	Seasonal space heating energy efficiency	ηs	101	%					
Declared capacity for heating for part load at indoor te temperature Tj	mperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indoor					
Tj = -7℃	Pdh	3.5	kW	Tj = -7℃	COPd	2.23	-					
Tj = 2℃	Pdh	2.1	kW	Tj = 2°C	COPd	3.08	-					
Tj = 7°C	Pdh	1.4	kW	Tj = 7°C	COPd	3.91	-					
Tj = 12℃	Pdh	1.4	kW	Tj = 12℃	COPd	5.62	-					
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	1.71	-					
Tj = operating limit	Pdh	2.4	kW	Tj = operating limit	COPd	1.05	-					
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-					
Bivalent temperature	Tbiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	51	°C					
Power consumption in modes other than active mode		-		Supplementary heater								
Off mode	Poff	0.010	kW	Dated heat quitnut /**)	D	3.1	kW					
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	5.1	KVV					
Thermostat-off mode	Pto	0.007	kW	Type of energy input		Electrical						
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Liectrical						
Other items												
Capacity control			vari abl	For air-to-water heat pumps: Rated air flow rate, outdoors	-	3350	m³/h					
Sound power level, indoors/outdoors	LWA	-/59	dB	For water-or brine-to-water heat pumps:			ma3/la					
Annual energy consumption	Q _{HE}	5380	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h					
For heat pump combination heater:												
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%					
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
Contact details	1											
(*) For heat pump space heaters and heat pur	nn combinatio	n heaters	the rated	heat output Prated is equal to the design	load for he	ating Ddcc	ianh and					
the rated heat output of a supplementary heat (**) If Cdh is not determined by measurement	er Psup is equ	ıal to the sı	upplemer	ntary capacity for heating sup(Tj).	1.1344 101 116	anig i ucs	igiiii, ailu					

	-	Technic	cal pa	arameters							
Model(s):				INCL-V80W/N1BP							
Air-to-water heat pump:				YES							
Water-to-water heat pump:		NO									
Brine-to-water heat pump:		NO									
Low-temperature heat pump:		NO									
Equipped with a supplementary heater:		NO/YES									
Heat pump combination heater:				NO							
Declared climate condition:				WARMER							
Parameters are declared for medium-tempe	rature applicatio	n.									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output (*)	Prated	8.1	kW	Seasonal space heating energy efficiency	ηs	171	%				
Declared capacity for heating for part load at indoor temperature Tj	temperature 20 °C	Declared coefficient of performance or primary energy ratio for part load temperature 20 °C and outdoor temperature Tj									
Tj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	-	-				
Tj = 2°C	Pdh	7.51	kW	Tj = 2℃	COPd	2.55	-				
Tj = 7°C	Pdh	5.21	kW	Tj = 7℃	COPd	3.86	-				
Tj = 12℃	Pdh	2.32	kW	Tj = 12℃	COPd	5.51	-				
Tj = bivalent temperature	Pdh	5.21	kW	Tj = bivalent temperature	COPd	3.86	-				
Tj = operating limit	Pdh	7.51	kW	Tj = operating limit	COPd	2.55	-				
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-				
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	65	°C				
Power consumption in modes other than active mod	de	-		Supplementary heater							
Off mode	Poff	0.010	kW	Dated heat output (**)	В	0.6	14/4/				
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	0.6	kW				
Thermostat-off mode	Pto	0.007	kW	Type of operay input		Electrical					
Crankcase heater mode	Pck	0.000	kW	Type of energy input		Electrical					
Other items											
Capacity control		variable		For air-to-water heat pumps: Rated air flow	_	3350	m³/h				
Sound power level, indoors/outdoors	LWA	-/59	dB	rate, outdoors For water-or brine-to-water heat pumps:							
Annual energy consumption	Q _{HE}	2270	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h				
	•	•	•								
For heat pump combination heater:	<u> </u>		1								
Declared load profile		-		Water heating energyefficiency	η wh	-	%				
Daily electricity consumption	Qclec	-	kWh	Daily fuel consumption	Q _{fuel}	-	kWh				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
Contact details											
(*) For heat pump space heaters and heat p	ump combinatio	n heaters	the retec	d b 4 -		ation Dalan	ianh an				

	-	Technic	cal pa	arameters							
Model(s):				INCL-V100W/N1BP							
Air-to-water heat pump:				YES			-				
Water-to-water heat pump:				NO							
Brine-to-water heat pump:		NO									
Low-temperature heat pump:		NO									
Equipped with a supplementary heater:		NO/YES									
Heat pump combination heater:				NO							
Declared climate condition:				AVERAGE							
Parameters are declared for medium-tempor	erature applicatio	n .		7.0.0.0							
· alamotoro allo dobialioni il impalami temp	oraturo appiroano										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output (*)	Prated	7.7	kW	Seasonal space heating energy efficiency	ηs	139	%				
Declared capacity for heating for part load at indoctemperature Tj	or temperature 20 °C	C and outdoor Declared coefficient of performance or primary energy ratio for part lo temperature 20 °C and outdoor temperature Tj									
Tj = -7℃	Pdh	6.8	kW	Tj = -7℃	COPd	2.14	-				
Tj = 2℃	Pdh	4.3	kW	Tj = 2℃	COPd	3.41	-				
Tj = 7°C	Pdh	2.9	kW	Tj = 7°C	COPd	4.68	-				
Tj = 12℃	Pdh	3.9	kW	Tj = 12℃	COPd	7.73	-				
Tj = bivalent temperature	Pdh	6.8	kW	Tj = bivalent temperature	COPd	2.14	-				
Tj = operating limit	Pdh	6.6	kW	Tj = operating limit	COPd	1.72	-				
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-				
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	WTOL	60	°C				
Power consumption in modes other than active mo	ode			Supplementary heater							
Off mode	Poff	0.010	kW	Dated boot output (**\	Р	1.1	kW				
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	1.1	KVV				
Thermostat-off mode	Pto	0.007	kW	Town of an arminout		□ ti l					
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical					
Other items											
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4050	m³/h				
Sound power level, indoors/outdoors	L _{WA}	-/60	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	_	_	m³/h				
Annual energy consumption	Q _{HE}	4453	kWh	exchanger			·····				
For heat pump combination heater:											
Declared load profile		-		Water heating energyefficiency	$^{\eta}_{\mathrm{wh}}$	-	%				
Daily electricity consumption	Q _{clec}	-	kWh	Daily fuel consumption	Q _{fuel}	-	kWh				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
Contact details											
(*) For heat pump space heaters and heat the rated heat output of a supplementary ho (**) If Cdh is not determined by measureme	eater Psup is equ	al to the si	uppleme	ntary capacity for heating sup(Tj).	load for he	eating Pdes	ignh, and				

		Technic	cal pa	arameters								
Model(s):				INCL-V100W/N1BP								
Air-to-water heat pump:				YES								
Water-to-water heat pump:				NO								
Brine-to-water heat pump:		NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO NO										
Declared climate condition:		COLDER										
Parameters are declared for medium-temperatu	re applicatio	n.					-					
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit					
Rated heat output (*)	Prated	6.5	kW	Seasonal space heating energy efficiency	ηs	109	%					
Declared capacity for heating for part load at indoor tem temperature Tj	perature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indoor					
Tj = -7℃	Pdh	4.1	kW	Tj = -7℃	COPd	2.41	-					
Tj = 2℃	Pdh	2.4	kW	Tj = 2°C	COPd	3.33	-					
Tj = 7°C	Pdh	1.6	kW	Tj = 7°C	COPd	4.15	-					
Tj = 12℃	Pdh	1.4	kW	Tj = 12℃	COPd	5.66	-					
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.84	-					
Tj = operating limit	Pdh	2.5	kW	Tj = operating limit	COPd	1.09	-					
For air-to-water heat pumps: Tj = -15°C	Pdh	_	kW	For air-to-water heat pumps: Tj = -15°C	COPd	_	-					
Bivalent temperature	Tbiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	51	°C					
Power consumption in modes other than active mode	1			Supplementary heater								
Off mode	Poff	0.010	kW									
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	4.0	kW					
Thermostat-off mode	Pto	0.007	kW									
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical						
							-					
Other items												
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4050	m³/h					
Sound power level, indoors/outdoors	LWA	-/60	dB	For water-or brine-to-water heat pumps:								
Annual energy consumption	Q _{HE}	5604	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h					
For heat pump combination heater:												
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%					
Daily electricity consumption	Q clec	-	kWh	Daily fuel consumption	Q fuel	-	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
Contact details	1											
(*) For heat pump space heaters and heat pump the rated heat output of a supplementary heater (**) If Cdh is not determined by measurement the	Psup is equ	ıal to the sı	uppleme	ntary capacity for heating sup(Tj).	load for he	eating Pdes	ignh, and					

		Technic	cal pa	arameters								
Model(s):				INCL-V100W/N1BP								
Air-to-water heat pump:				YES								
Water-to-water heat pump:			NO									
Brine-to-water heat pump:		NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO										
Declared climate condition:				WARMER								
Parameters are declared for medium-temper	rature application	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	8.6	kW	Seasonal space heating energy efficiency	ηs	190	%					
Declared capacity for heating for part load at indoor				Declared coefficient of performance or prima	•							
temperature Tj	temperature 20 C	and outdoo		temperature 20 °C and outdoor temperature		o ioi partioa	J at IIIQOOI					
Tj = -7℃	Pdh	-	kW	Tj = -7℃	COPd	-	-					
Tj = 2°C	Pdh	8.0	kW	Tj = 2℃	COPd	2.57	-					
Tj = 7°C	Pdh	5.5	kW	Tj = 7°C	COPd	4.02	-					
Tj = 12°C	Pdh	2.6	kW	Tj = 12℃	COPd	5.76	-					
Tj = bivalent temperature	Pdh	5.5	kW	Tj = bivalent temperature	COPd	4.02	-					
Tj = operating limit	Pdh	8.0	kW	Tj = operating limit	COPd	2.53	-					
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-					
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	65	°C					
Power consumption in modes other than active mod	le			Supplementary heater								
Off mode	Poff	0.010	kW									
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	0.6	kW					
Thermostat-off mode	Pto	0.007	kW									
Crankcase heater mode	Pck	0.000	kW	Type of energy input		Electrical						
Other items												
Outor nome				For air-to-water heat pumps: Rated air flow								
Capacity control		variable		rate, outdoors	-	4050	m³/h					
Sound power level, indoors/outdoors	L _{WA}	-/60	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat			m³/h					
Annual energy consumption	Q _{HE}	2374	kWh	exchanger	-	-	111711					
For heat pump combination heater:												
Declared load profile				Water heating energyefficiency	η _{wh}		%					
Daily electricity consumption	Qclec	<u> </u>	kWh	Daily fuel consumption	Q _{fuel}	_	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC		GJ					
, amasi decinoty consumption	ALC		L/ A A I I	, amagina of consumption	Ai 0	-	90					
Contact details												
(*) For heat pump space heaters and heat put the rated heat output of a supplementary heat (**) If Cdh is not determined by measurement	i ater Psup is equ	ıal to the sı	uppleme	ntary capacity for heating sup(Tj).	n load for he	eating Pdes	ignh, and					

	•	Technic	cal pa	arameters							
Model(s):				INCL-V120W/N1BP							
Air-to-water heat pump:				YES							
Water-to-water heat pump:		NO									
Brine-to-water heat pump:		NO									
Low-temperature heat pump:		NO									
Equipped with a supplementary heater:		NO/YES									
Heat pump combination heater:		NO									
Declared climate condition:		AVERAGE									
Parameters are declared for medium-tempe	rature applicatio	n.									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output (*)	Prated	10.9	kW	Seasonal space heating energy efficiency	ηs	138	%				
Declared capacity for heating for part load at indoor temperature Tj	temperature 20 °C	and outdoo	r	ry energy rati Tj	o for part load	d at indoor					
Tj = -7°C	Pdh	9.6	kW	Tj = -7°C	COPd	1.98	-				
Tj = 2°C	Pdh	6.2	kW	Tj = 2°C	COPd	3.25	-				
Tj = 7℃	Pdh	4.4	kW	Tj = 7℃	COPd	5.13	-				
Tj = 12℃	Pdh	5.5	kW	Tj = 12℃	COPd	8.49	-				
Tj = bivalent temperature	Pdh	9.6	kW	Tj = bivalent temperature	COPd	1.98	-				
Tj = operating limit	Pdh	9.1	kW	Tj = operating limit	COPd	1.81	-				
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-				
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	WTOL	60	°C				
Power consumption in modes other than active modes	de	-		Supplementary heater							
Off mode	Poff	0.010	kW	Dated heat output (**\	D	1.0	14\A/				
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	1.8	kW				
Thermostat-off mode	Pto	0.007	kW	T of		Electrical					
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical					
			1								
Other items				Farainta water bank www.g. Datadainflaw							
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4050	m³/h				
Sound power level, indoors/outdoors	L _{WA}	-/64	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	_		m³/h				
Annual energy consumption	Q _{HE}	6390	kWh	exchanger	-		111711				
For heat pump combination heater:											
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%				
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
		•									
Contact details											
(*) For heat pump space heaters and heat p the rated heat output of a supplementary he (**) If Cdh is not determined by measurement	ater Psup is equ	al to the su	uppleme	ntary capacity for heating sup(Tj).	ı load for he	eating Pdes	ignh, aı				

Model(s):				INCL-V120W/N1BP							
Air-to-water heat pump:		YES									
Nater-to-water heat pump:		NO									
Brine-to-water heat pump:		NO									
_ow-temperature heat pump:		NO									
Equipped with a supplementary heater:		NO/YES									
Heat pump combination heater:				NO							
Declared climate condition:				COLDER							
Parameters are declared for medium-temp	erature applicatio	n.									
tom	Symbol	Value	Unit	Item	Symbol	Value	Unit				
tem	Symbol	-	kW				%				
Rated heat output (*)	Prated	9.8	_	Seasonal space heating energy efficiency	ηs	111					
Declared capacity for heating for part load at indoo emperature Tj	or temperature 20 °C	and outdoo	or	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indo				
Γj = -7°C	Pdh	6.3	kW	Tj = -7℃	COPd	2.49	-				
Γj = 2°C	Pdh	3.9	kW	Tj = 2°C	COPd	3.42	-				
Γj = 7°C	Pdh	2.6	kW	Tj = 7°C	COPd	4.31	-				
Γj = 12°C	Pdh	3.3	kW	Tj = 12℃	COPd	6.12	-				
rj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	1.75	-				
rj = operating limit	Pdh	3.9	kW	Tj = operating limit	COPd	1.03	-				
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-				
Bivalent temperature	Thiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	51	°C				
Power consumption in modes other than active me	ode			Supplementary heater		l l					
Off mode	Poff	0.010	kW								
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	5.9	kW				
Thermostat-off mode	Pto	0.007	kW								
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical					
		•									
Other items											
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4050	m³/l				
Sound power level, indoors/outdoors	L _{WA}	-/64	dB	For water-or brine-to-water heat pumps:							
Annual energy consumption	o _{HE}	8453	kWh	Rated brine or water flow rate, outdoor heat exchanger	<u>-</u>	-	m³/l				
					_						
For heat pump combination heater:	<u> </u>		1	harry to a second	n						
Declared load profile		-	T	Water heating energyefficiency	n _{wh}	-	%				
Daily electricity consumption	Qclec	-	kWh	Daily fuel consumption	Qfuel	-	kW				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
Contact details											

	ļ	Гесhnic	cai pa	arameters							
Model(s):				INCL-V120W/N1BP							
Air-to-water heat pump:				YES							
Water-to-water heat pump:				NO							
Brine-to-water heat pump:		NO									
Low-temperature heat pump:		NO									
Equipped with a supplementary heater:		NO/YES									
Heat pump combination heater:		NO NO									
Declared climate condition:				WARMER							
Parameters are declared for medium-temp	perature applicatio	n.									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output (*)	Prated	12.0	kW	Seasonal space heating energy efficiency	ηs	168	%				
Declared capacity for heating for part load at indo temperature Tj	or temperature 20 °C	Declared coefficient of performance or primary energy ratio for pattern between the performance or primary energy ratio for pattern between 20 °C and outdoor temperature Tj									
Tj = -7°C	Pdh	-	kW	Tj = -7℃	COPd	-	-				
Tj = 2°C	Pdh	11.5	kW	Tj = 2℃	COPd	2.19	-				
Tj = 7°C	Pdh	7.7	kW	Tj = 7℃	COPd	3.71	-				
Tj = 12℃	Pdh	3.7	kW	Tj = 12℃	COPd	5.59	-				
Tj = bivalent temperature	Pdh	7.7	kW	Tj = bivalent temperature	COPd	3.71	-				
Tj = operating limit	Pdh	11.5	kW	Tj = operating limit	COPd	2.19	-				
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-				
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL	65	°C				
Power consumption in modes other than active m	node			Supplementary heater							
Off mode	Poff	0.010	kW			0.6					
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	0.6	kW				
Thermostat-off mode	Pto	0.007	kW								
Crankcase heater mode	Pck	0.000	kW	Type of energy input		Electrical					
O											
Other items	Ī										
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4050	m³/h				
Sound power level, indoors/outdoors	L _{WA}	-/64	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	_	_	m³/h				
Annual energy consumption	Q _{HE}	3756	kWh	exchanger							
For heat pump combination heater:											
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%				
Daily electricity consumption	Qclec	-	kWh	Daily fuel consumption	Q fuel	-	kWh				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
Contact details	<u> </u>										
Oontaot uctails											

	7	Γechnic	cal pa	arameters								
Model(s):				INCL-V140W/N1BP								
Air-to-water heat pump:		YES										
Water-to-water heat pump:		NO										
Brine-to-water heat pump:		NO										
Low-temperature heat pump:		NO										
Equipped with a supplementary heater:		NO/YES										
Heat pump combination heater:		NO NO										
Declared climate condition:				AVERAGE								
Parameters are declared for medium-temp	erature applicatio	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	12.7	kW	Seasonal space heating energy efficiency	ηs	137	%					
Declared capacity for heating for part load at indo temperature Tj	or temperature 20 °C	and outdoo	r	Declared coefficient of performance or primal temperature 20 °C and outdoor temperature		o for part load	d at indoc					
Tj = -7°C	Pdh	11.3	kW	Tj = -7°C	COPd	1.96	-					
Tj = 2°C	Pdh	7.7	kW	Tj = 2°C	COPd	3.30	-					
Tj = 7°C	Pdh	4.9	kW	Tj = 7°C	COPd	4.93	-					
Tj = 12℃	Pdh	6.1	kW	Tj = 12℃	COPd	7.98	-					
Tj = bivalent temperature	Pdh	11.3	kW	Tj = bivalent temperature	COPd	1.96	-					
Tj = operating limit	Pdh	10.8	kW	Tj = operating limit	COPd	1.77	-					
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-					
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other than active m	ode			Supplementary heater								
Off mode	Poff	0.010	kW	D 4 11 4 4 4 4**	Б.	2.0						
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	2.0	kW					
Thermostat-off mode	Pto	0.007	kW	- <i>(</i>		·· ·						
Crankcase heater mode	Pck	0.040	kW	Type of energy input		Electrical						
Other items												
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m³/h					
Sound power level, indoors/outdoors	L _{WA}	-/65	dB	For water-or brine-to-water heat pumps:								
Annual energy consumption	o _{HE}	7516	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h					
For heat pump combination heater:												
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%					
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
Contact details												
(*) For heat pump space heaters and heat the rated heat output of a supplementary h (**) If Cdh is not determined by measurem	eater Psup is equ	al to the si	uppleme	ntary capacity for heating sup(Tj).	load for he	ating Pdes	ignh, aı					

		Γechnic	cal pa	arameters						
Model(s):				INCL-V140W/N1BP						
Air-to-water heat pump:				YES						
Water-to-water heat pump:			NO							
Brine-to-water heat pump:				NO						
Low-temperature heat pump:				NO						
Equipped with a supplementary heater:				NO/YES						
Heat pump combination heater:				NO						
Declared climate condition:				COLDER						
Parameters are declared for medium-tem	perature applicatio	n.								
		I		T I 1		I I				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit %			
Rated heat output (*)	Prated	10.5 kW Seasonal space heating energy efficiency η s 113								
Declared capacity for heating for part load at indot temperature Tj	oor temperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indoor			
Tj = -7℃	Pdh	6.6	kW	Tj = -7°C	COPd	2.53	-			
Tj = 2°C	Pdh	4.2	kW	Tj = 2℃	COPd	3.51	-			
Tj = 7°C	Pdh	3.0	kW	Tj = 7℃	COPd	4.58	-			
Tj = 12℃	Pdh	3.3	kW	Tj = 12℃	COPd	6.12	-			
Tj = bivalent temperature	Pdh	8.5	kW	Tj = bivalent temperature	COPd	1.69	-			
Tj = operating limit	Pdh	3.9	kW	Tj = operating limit	COPd	1.03	-			
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-			
Bivalent temperature	Tbiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C			
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-			
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL 51		°C			
Power consumption in modes other than active n	node			Supplementary heater						
Off mode	Poff	0.010	kW	Rated heat output (**)	D	6.6	I/M			
Standby mode	Psb	0.010	kW	Rated Heat Output ()	Psup 6.6		kW			
Thermostat-off mode	Pto	0.007	kW	Type of energy input	Electrical					
Crankcase heater mode	Pck	0.040	kW	Type of energy input	Electrical					
Other items				П						
Capacity control		variable		For air-to-water heat pumps: Rated air flow	-	4650	m³/h			
Sound power level, indoors/outdoors	LWA	-/65	dB	rate, outdoors For water-or brine-to-water heat pumps:						
Annual energy consumption	Q _{HE}	8828	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h			
For heat pump combination heater:										
Declared load profile				Water heating energyefficiency	η _{wh}	_	%			
Declared load profile Daily electricity consumption	Q clec	- kWh		Daily fuel consumption	Q fuel	-	% kWh			
Annual electricity consumption	AEC		kWh	Annual fuel consumption	AFC	-	GJ			
ruman decumony consumption	AEC		VAAII	Annual luci consumption	Λi-C					
Contact details										
		,		d heat output Prated is equal to the design	load for he	ating Pdes	ignh, and			
the rated heat output of a supplementary l (**) If Cdh is not determined by measuren				, , , , , , , , , , , , , , , , , , , ,						

	7	Technic	cal pa	arameters							
Model(s):			INCL-V140W/N1BP								
Air-to-water heat pump:				YES							
Water-to-water heat pump:			NO								
Brine-to-water heat pump:				NO							
Low-temperature heat pump:				NO							
Equipped with a supplementary heater:				NO/YES							
Heat pump combination heater:				NO							
Declared climate condition:				WARMER							
Parameters are declared for medium-temp	nerature application	n		W W W W W W							
· aramotoro are acciarsa ioi modiam temp											
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output (*)	Prated	13.5	kW	Seasonal space heating energy efficiency	ηs	175	%				
Declared capacity for heating for part load at indo temperature Tj	or temperature 20 °C	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indoor					
Tj = -7℃	Pdh	-	kW	Tj = -7℃	COPd	-	-				
Tj = 2°℃	Pdh	13.0	kW	Tj = 2℃	COPd	2.18	-				
Tj = 7°C	Pdh	9.1	kW	Tj = 7°C	COPd	3.92	-				
Tj = 12℃	Pdh	4.1	kW	Tj = 12℃	COPd	5.91	-				
Tj = bivalent temperature	Pdh	9.1	kW	Tj = bivalent temperature	COPd	3.92	-				
Tj = operating limit	Pdh	13.0	kW	Tj = operating limit	COPd	2.18	-				
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-				
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL 65		°C				
Power consumption in modes other than active m	node			Supplementary heater							
Off mode	Poff	0.010	kW								
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	1.1	kW				
Thermostat-off mode	Pto	0.007	kW								
Crankcase heater mode	Pck	0.000	kW	Type of energy input	Electrical						
	•										
Other items											
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m³/h				
Sound power level, indoors/outdoors	L _{WA}	-/65	dB	For water-or brine-to-water heat pumps:			- 4				
Annual energy consumption	Q _{HE}	3922	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h				
For heat pump combination heater:											
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%				
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
Contact details											
(*) For heat pump space heaters and heat the rated heat output of a supplementary h (**) If Cdh is not determined by measurem	neater Psup is equ	al to the si	uppleme	ntary capacity for heating sup(Tj).	load for he	ating Pdes	ignh, and				

		Technic										
Model(s):				INCL-V160W/N1BP								
Air-to-water heat pump:				YES								
Water-to-water heat pump:				NO								
Brine-to-water heat pump:			NO									
Low-temperature heat pump:			NO									
Equipped with a supplementary heater:			NO/YES									
Heat pump combination heater:				NO								
Declared climate condition:				AVERAGE								
Parameters are declared for medium-temp	erature applicatio	n.										
Item	Symbol	Value	Unit	Item	Symbol	Value	Uni					
Rated heat output (*)	Prated	14.1	kW	Seasonal space heating energy efficiency	ηs	148	%					
Declared capacity for heating for part load at indoctemperature Tj	or temperature 20 °C	and outdoo	r	Declared coefficient of performance or prima temperature 20 °C and outdoor temperature		o for part load	d at indo					
Tj = -7°C	Pdh	12.5	kW	Tj = -7°C	COPd	2.31	-					
Tj = 2°C	Pdh	7.8	kW	Tj = 2°C	COPd	3.33	-					
Tj = 7°C	Pdh	5.5	kW	Tj = 7℃	COPd	5.82	-					
Tj = 12°C	Pdh	7.0	kW	Tj = 12℃	COPd	9.54	-					
Tj = bivalent temperature	Pdh	12.5	kW	Tj = bivalent temperature	COPd	2.31	-					
Tj = operating limit	Pdh	10.3	kW	Tj = operating limit	COPd	1.93	-					
For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-					
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature		-10	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient (**)	Cdh	0.99		Heating water operating limit temperature	Wtol 60		°C					
Power consumption in modes other than active mo	ode			Supplementary heater								
Off mode	Poff	0.010	kW		D							
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup 3.9		kW					
Thermostat-off mode	Pto	0.007	kW									
Crankcase heater mode	Pck	0.040	kW	Type of energy input	Electrical							
				1								
Other items												
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m³/					
Sound power level, indoors/outdoors	^L WA	-/68	dB	For water-or brine-to-water heat pumps:								
Annual energy consumption	Q _{HE}	7723	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/l					
For heat pump combination heater:												
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%					
Daily electricity consumption	Qclec	-	kWh	Daily fuel consumption	Q fuel	-	kW					
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ					
	•	-				<u> </u>						
Contact details												

Model(s):				INCL-V160W/N1BP						
Air-to-water heat pump:				YES						
Water-to-water heat pump:			NO NO							
Brine-to-water heat pump:				NO						
Low-temperature heat pump:				NO						
Equipped with a supplementary heater:				NO/YES						
Heat pump combination heater:				NO NO						
Declared climate condition:				COLDER						
Parameters are declared for medium-tem	nerature applicatio	<u> </u>		COLDEIX						
r drameters are declared for mediam-tem	perature applicatio									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	11.6 kW Seasonal space heating energy efficiency		ηs	116	%				
Declared capacity for heating for part load at inde	oor temperature 20 °C	and outdoo	r	Declared coefficient of performance or primar		o for part load	d at indoo			
temperature Tj	<u> </u>	temperature 20 °C and outdoor temperature		·						
Tj = -7°C	Pdh	7.3	kW	Tj = -7℃	COPd	2.51	-			
Tj = 2°C	Pdh	4.2	kW	Tj = 2°C	COPd	3.64	-			
Tj = 7℃	Pdh	2.9	kW	Tj = 7°C	COPd	4.66	-			
Tj = 12°C	Pdh	3.4	kW	Tj = 12°C	COPd	6.16	-			
Tj = bivalent temperature	Pdh	9.5	kW	Tj = bivalent temperature	COPd	1.77	-			
Tj = operating limit	Pdh	4.8	kW	Tj = operating limit	COPd	1.13	-			
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C	COPd	-	-			
Bivalent temperature	Tbiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C			
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-			
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL 51		°C			
Power consumption in modes other than active r	node	-		Supplementary heater						
Off mode	Poff	0.010	kW		Б					
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup	6.8	kW			
Thermostat-off mode	Pto	0.007	kW							
Crankcase heater mode	Pck	0.040	kW	Type of energy input	Electrical					
Other items										
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4650	m³/h			
Sound power level, indoors/outdoors	L _{WA}	-/68	dB	For water-or brine-to-water heat pumps:			3/1-			
Annual energy consumption	Q _{HE}	9285	kWh	Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h			
For heat pump combination heater:										
Declared load profile		-		Water heating energyefficiency	η _{wh}	-	%			
Daily electricity consumption	Q clec	-	kWh	Daily fuel consumption	Q fuel	-	kWh			
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ			
Contact details										
JOHRAGE UERAIIS										

Model(s):				INCL-V160W/N1BP							
Air-to-water heat pump:				YES							
Water-to-water heat pump:		NO NO									
Brine-to-water heat pump:			NO NO								
Low-temperature heat pump:				NO NO							
Equipped with a supplementary heater:				NO/YES							
Heat pump combination heater:				NO NO							
Declared climate condition:				WARMER							
Parameters are declared for medium-temp	oratura applicatio			WARWER							
r arameters are declared for medium-temp	егацие аррисацо										
tem	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output (*)	Prated	15.2	kW	Seasonal space heating energy efficiency	ηs	171	%				
Declared capacity for heating for part load at indoctemperature Tj	or temperature 20 °C	and outdoo	r	Declared coefficient of performance or primal temperature 20 °C and outdoor temperature		o for part load	d at indoo				
Tj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	-	-				
Tj = 2°℃	Pdh	14.7	kW	Tj = 2°C	COPd	2.18	-				
Tj = 7°℃	Pdh	9.8	kW	Tj = 7°C	COPd	3.69	-				
Tj = 12℃	Pdh	4.0	kW	Tj = 12℃	COPd	5.73	-				
Tj = bivalent temperature	Pdh	9.8	kW	Tj = bivalent temperature	COPd	3.69	-				
Tj = operating limit	Pdh	14.7	kW	Tj = operating limit	COPd	2.18	-				
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-				
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient (**)	Cdh	0.90		Heating water operating limit temperature	WTOL 65		°C				
Power consumption in modes other than active m	ode			Supplementary heater							
Off mode	Poff	0.010	kW	Data disa at autorit (**)	В	0.5	1.147				
Standby mode	Psb	0.010	kW	Rated heat output (**)	Psup 0.5		kW				
Thermostat-off mode	Pto	0.007	kW	Tune of energy input		Electrical					
Crankcase heater mode	Pck	0.000	kW	Type of energy input		Electrical					
Other items			1								
Jiner items	- 1			For air-to-water heat pumps: Rated air flow		I					
Capacity control		variable		rate, outdoors	-	4650	m³/h				
Sound power level, indoors/outdoors	^L WA	-/68	dB	For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	_		m³/h				
Annual energy consumption	Q _{HE}	4669	kWh	exchanger			,				
For heat pump combination heater:											
Declared load profile				Water heating energyefficiency	η _{wh}	-	%				
Daily electricity consumption	Q	-	kWh	Daily fuel consumption	Q fuel	-	kWh				
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ				
Contact details											
Johnaol doland											

Model(s):			INCL-V40W/N1BP								
Outdoor side heat exchanger	of chiller:		Air to water								
Indoor side heat exchanger ch	iller:		Water	Water							
Туре:			Compressor	driven vapour compre	ession						
Driver of compressor:			Electric moto	or							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity	P rated,c	4.3	kW	Seasonal space cooling energy efficiency	η _{s,c}	203	%				
Declared cooling capacity for μ Tj	temperature	Declared energy entemperature Tj	fficiency ratio fo	or part load at	given outdoor						
Tj=+35℃	Pdc	4.3	kW	Tj=+35℃	EERd	3.24	-				
Tj=+30℃	Pdc	3.0	kW	Tj=+30°C	EERd	4.24	-				
Tj=+25℃	Pdc	2.3	kW	Tj=+25℃	EERd	5.83	-				
Tj=+20℃	Pdc	1.8	kW	Tj=+20℃	EERd	8.47	-				
		Г		· · · · · · · · · · · · · · · · · · ·							
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-								
	Po	wer consum	ption in modes	other than "active mo	ode"						
Off mode	POFF	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW				
Thermosat-off mode	Рто	0.007	kW	Standby mode	P _{SB}	0.010	kW				
			Other ite	ems							
Capacity control		variable		For air-to-water comfort chillers:		2650	m3/la				
Soundpowerlevel, indoors /outdoors	L _{WA}	56	dB	air flow rate, outdoor measured	-	2650	m³/h				
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin							
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h				
Standard rating conditions use	ed	Low tempera	ature application	ature application							
Contact details											
(*) If Cdc is not determined by I	measuremen	t then the def	fault degradation	on coefficient of chille	rs shall be 0.9						

Model(s):			INCL-V40W/N1BP								
Outdoor side heat exchanger	of chiller:		Air to water								
Indoor side heat exchanger ch	niller:		Water	Water							
Type:			Compressor	driven vapour compre	ssion						
Driver of compressor:			Electric moto	r							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity	P rated,c	4.0	kW	Seasonal space cooling energy efficiency	η _{s,c}	339	%				
Declared cooling capacity for Tj	temperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at o	jiven outdoo						
Tj=+35℃	P _{dc}	4.0	kW	Tj=+35℃	EERd	5.19	-				
Tj=+30℃	Pdc	3.3	kW	Tj=+30℃	EERd	6.97	-				
Tj=+25℃	Pdc	2.2	kW	Tj=+25℃	EERd	9.79	-				
Tj=+20℃	Pdc	2.5	kW	Tj=+20℃	EERd	15.38	-				
		_									
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-								
	Р	ower consum	otion in modes	other than "active mo	de"						
Off mode	POFF	0.010	kW	Crankcase heater mode	^Р ск	0.000	kW				
Thermosat-off mode	Рто	0.007	kW	Standby mode	PSB	0.010	kW				
		•	Other ite	ems							
Capacity control		variable		For air-to-water comfort chillers:							
Soundpowerlevel, indoors /outdoors	L _{WA}	56	dB	air flow rate, outdoor measured	-	2650	m³/h				
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water							
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	chillers:Ratedbrin eor water flow rate, outdoor side	-	-	m³/h				
Standard rating conditions use	ed	Medium tem	perature applic	perature application							
Contact details											
(*) If Cdc is not determined by	measuremer	nt then the def	ault degradatio	on coefficient of chiller	s shall be 0.9						

Model(s):			INCL-V60W/N1BP								
Outdoor side heat exchanger	of chiller:		Air to water	Air to water							
Indoor side heat exchanger cl	hiller:		Water	Water							
Туре:			Compressor	driven vapour compre	ssion						
Driver of compressor:	Driver of compressor:										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity	P rated,c	6.3	kW	Seasonal space cooling energy efficiency	η _{s,c}	207	%				
Declared cooling capacity for Tj	temperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at o	given outdoo						
Tj=+35℃	Pdc	6.3	kW	Tj=+35℃	EERd	3.15	-				
Tj=+30℃	P _{dc}	4.7	kW	Tj=+30℃	EERd	4.29	-				
Tj=+25℃	P _{dc}	3.1	kW	Tj=+25℃	EERd	6.11	-				
Tj=+20℃	Pdc	1.7	kW	Tj=+20℃	EERd	8.93	-				
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-								
	Po	ower consum	ption in modes	other than "active mo	de"						
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW				
Thermosat-off mode	Рто	0.007	kW	Standby mode	P _{SB}	0.010	kW				
	•	•	Other ite	ems							
Capacity control		variable		For air-to-water comfort chillers:							
Soundpowerlevel, indoors /outdoors	LWA	58	dB	air flow rate, outdoor measured	-	2650	m³/h				
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water							
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	chillers:Ratedbrin eor water flow rate, outdoor side	-	-	m³/h				
Standard rating conditions us	ed	Low temper	ature application								
Contact details											
(*) If Cdc is not determined by	measuremer	it then the de	fault degradati	on coefficient of chiller	s shall be 0,9						

Model(s):			INCL-V60W/N1BP								
Outdoor side heat exchanger o	of chiller:		Air to water	Air to water							
Indoor side heat exchanger ch	iller:		Water	Water							
Type:			Compressor	driven vapour compre	ession						
Driver of compressor:			Electric moto	DΓ							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity	P _{rated,c}	6.2	kW	Seasonal space cooling energy efficiency	η _{s,c}	347	%				
Declared cooling capacity for p	Declared cooling capacity for part load at given outdoor to Tj				fficiency ratio fo	or part load at	given outdoor				
Tj=+35℃	Pdc	6.2	kW	Tj=+35℃	EER₀	4.91	-				
Tj=+30℃	P _{dc}	4.7	kW	Tj=+30℃	EERd	6.77	-				
Tj=+25℃	P _{dc}	2.9	kW	Tj=+25℃	EERd	10.47	-				
Tj=+20℃	Pdc	2.4	kW	Tj=+20℃	EERd	16.59	-				
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-								
	Po	ower consum	otion in modes	other than "active mo	ode"						
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW				
Thermosat-off mode	Рто	0.007	kW	Standby mode	P _{SB}	0.010	kW				
			Other ite	ems							
Capacity control		variable		For air-to-water comfort chillers:		2650					
Soundpowerlevel, indoors /outdoors	L _{WA}	58	dB	air flow rate, outdoor measured	-	2650	m³/h				
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water							
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	chillers:Ratedbrin eor water flow rate, outdoor side heat exchanger	-	-	m³/h				
Standard rating conditions use	ed	Medium tem	perature appli	cation							
Contact details											
(*) If Cdc is not determined by r	measuremen	t then the def	ault degradati	on coefficient of chille	rs shall be 0,9						

ndoor side heat exchanger ch												
	niller:	Outdoor side heat exchanger of chiller:			Air to water							
·vpe:	ndoor side heat exchanger chiller:			Water								
Type:			Compressor	driven vapour compre	ession							
Oriver of compressor:			Electric moto	r								
		1										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated cooling capacity	P rated,c	7.6	kW	Seasonal space cooling energy efficiency	η _{s,c}	203	%					
Declared cooling capacity for រុ j	part load at g	iven outdoor t	temperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at g	iven outdoo					
Tj=+35℃	Pdc	7.6	kW	Tj=+35℃	EERd	2.97	-					
Tj=+30℃	P _{dc}	5.9	kW	Tj=+30℃	EERd	4.33	-					
Tj=+25℃	Pdc	3.9	kW	Tj=+25℃	EERd	6.57	-					
Tj=+20°℃	Pdc	3.1	kW	Tj=+20℃	EERd	10.26	-					
				I I		l l						
Degradationco-efficient for hillers(*)	C _{dc}	0.9	-									
	Po	ower consump	otion in modes	other than "active mo	de"							
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW					
hermosat-off mode	РТО	0.007	kW	Standby mode	PSB	0.010	kW					
			Other ite	ems		•						
Capacity control		variable		For air-to-water comfort chillers:								
Soundpowerlevel, indoors outdoors	L _{WA}	-/59	dB	air flow rate, outdoor measured	-	3350	m³/h					
missions of nitrogen xides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			- 11					
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h					
Standard rating conditions used Low tempera			ature application									
Contact details												
*) If Cdc is not determined by (

Model(s):		·	INCL-V80W/	N1BP							
				A in to sundan							
Outdoor side heat exchanger	of chiller:		Air to water								
Indoor side heat exchanger c	hiller:		Water								
Туре:			Compressor	driven vapour compre	ssion						
Driver of compressor:			Electric moto	or							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity	P rated,c	8.2	kW	Seasonal space cooling energy efficiency	η _{s,c}	329	%				
Declared cooling capacity for Tj	emperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at g	given outdoor						
Tj=+35℃	Pdc	8.2	kW	Tj=+35℃	EERd	4.65	-				
Tj=+30℃	Pdc	6.1	kW	Tj=+30℃	EERd	6.82	-				
Tj=+25℃	P _{dc}	3.8	kW	Tj=+25℃	EERd	11.24	-				
Tj=+20℃	P _{dc}	3.8	kW	Tj=+20℃	EERd	17.47	-				
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-								
	Po	ower consump	otion in modes	other than "active mo	de"						
Off mode	POFF	0.010	kW	Crankcase heater mode	^Р ск	0.000	kW				
Thermosat-off mode	РТО	0.007	kW	Standby mode	P SB	0.010	kW				
	•		Other ite	ems							
Capacity control		variable		For air-to-water comfort chillers:			- 0				
Soundpowerlevel, indoors /outdoors	L _{WA}	-/59	dB	air flow rate, outdoor measured	-	3350	m³/h				
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			- "				
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h				
Standard rating conditions used Medium temp			perature application								
Contact details											
(*) If Cdc is not determined by	measuremer	nt then the def	ault degradation	on coefficient of chiller	s shall be 0,9.						

Model(s):			INCL-V100W/N1BP					
Outdoor side heat exchanger of chiller:			Air to water					
Indoor side heat exchanger ch	niller:		Water					
Type:			Compressor	driven vapour compre	ession			
Driver of compressor:			Electric moto	or				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	8.8	kW	Seasonal space cooling energy efficiency	η _{s,c}	183	%	
Declared cooling capacity for Tj	part load at g	iven outdoor t	emperature	Declared energy ef temperature Tj	ficiency ratio f	or part load at	given outdoor	
Tj=+35℃	Pdc	8.8	kW	Tj=+35℃	EERd	2.96	-	
Tj=+30℃	Pdc	8.6	kW	Tj=+30℃	EERd	4.04	-	
Tj=+25℃	Pdc	4.1	kW	Tj=+25℃	EERd	5.43	-	
Tj=+20℃	P _{dc}	2.3	kW	Tj=+20℃	EERd	6.11	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Po	wer consump	tion in modes	other than "active mo	de"			
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW	
Thermosat-off mode	РТО	0.007	kW	Standby mode	P _{SB}	0.010	kW	
	_		Other ite	ems				
Capacity control		variable		For air-to-water comfort chillers:		40.50	0.0	
Soundpowerlevel, indoors /outdoors	L _{WA}	-/60	dB	air flow rate, outdoor measured	-	4050	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			2.0	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h	
Standard rating conditions used Low temperat			ature application					
Contact details								
(*) If Cdc is not determined by	measuremen	t then the defa	ault degradation	on coefficient of chiller	s shall be 0,9.			

Model(s):			INCL-V100W/N1BP					
Outdoor side heat exchanger	of chiller:		Air to water					
Indoor side heat exchanger chiller:			Water					
Туре:			Compressor	driven vapour compre	ession			
Driver of compressor:			Electric moto	or				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	10.0	kW	Seasonal space cooling energy efficiency	η _{s,c}	326	%	
Declared cooling capacity for Tj	part load at g	iven outdoor t	emperature	Declared energy entemperature Tj	fficiency ratio fo	or part load at	given outdoor	
Tj=+35℃	P _{dc}	10.0	kW	Tj=+35℃	EERd	4.14	,	
Tj=+30°C	P _{dc}	7.7	kW	Tj=+30℃	EER⋴	6.23	1	
Tj=+25°C	Pdc	5.0	kW	Tj=+25℃	EER₀	9.99	-	
Tj=+20℃	Pdc	3.1	kW	Tj=+20℃	EERd	16.48	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Po	ower consump	tion in modes	other than "active mo	ode"			
Off mode	POFF	0.010	kW	Crankcase heater mode	^Р ск	0.000	kW	
Thermosat-off mode	Рто	0.007	kW	Standby mode	P _{SB}	0.010	kW	
			Other ite	ems				
Capacity control		variable		For air-to-water comfort chillers:		40.50	o II	
Soundpowerlevel, indoors /outdoors	^L WA	-/60	dB	air flow rate, outdoor measured	-	4050	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin		_	m³/h	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-		,	
Standard rating conditions us	ed	Medium tem	perature applic	cation				
Contact details								
(*) If Cdc is not determined by	measuremen	t then the def	ault degradatio	on coefficient of chille	rs shall be 0,9.			

Model(s):			INCL-V120W	//N1BP				
Outdoor side heat exchanger	of chiller:		Air to water					
Indoor side heat exchanger cl	hiller:		Water					
Туре:			Compressor	driven vapour compre	ession			
Driver of compressor:			Electric moto	or				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	11.6	kW	Seasonal space cooling energy efficiency	n _{s,c}	197	%	
Declared cooling capacity for Tj	part load at g	iven outdoor t	emperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at g	jiven outdoor	
Tj=+35°C	P _{dc}	11.6	kW	Tj=+35℃	EERd	2.80	-	
Tj=+30°C	Pdc	9.2	kW	Tj=+30℃	EERd	4.14	-	
Tj=+25°C	P _{dc}	6.0	kW	Tj=+25℃	EERd	6.33	-	
Tj=+20℃	P _{dc}	4.9	kW	Tj=+20℃	EERd	9.25	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Po	ower consump	tion in modes	other than "active mo	de"			
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW	
Thermosat-off mode	РТО	0.007	kW	Standby mode	PSB	0.010	kW	
	•	•	Other ite	ems				
Capacity control		variable		For air-to-water comfort chillers:				
Soundpowerlevel, indoors /outdoors	L _{WA}	-/64	dB	air flow rate, outdoor measured	-	4050	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			m3/b	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h	
Standard rating conditions us	ed	Low tempera	ture applicatio	on .				
Contact details								
(*) If Cdc is not determined by	measuremen	it then the defa	ault degradation	on coefficient of chiller	s shall be 0,9.			

Model(s):			INCL-V120W/N1BP					
Outdoor side heat exchanger	of chiller:		Air to water					
Indoor side heat exchanger chiller:			Water					
Type:			Compressor	driven vapour compre	ession			
Driver of compressor:			Electric moto	r				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	11.9	kW	Seasonal space cooling energy efficiency	η _{s,c}	323	%	
Declared cooling capacity for Tj	part load at gi	ven outdoor t	emperature	Declared energy entemperature Tj	fficiency ratio fo	or part load at (given outdoor	
Tj=+35℃	P _{dc}	11.9	kW	Tj=+35℃	EERd	4.36	-	
Tj=+30°C	P _{dc}	8.9	kW	Tj=+30℃	EERd	6.53	-	
Tj=+25°C	Pdc	5.7	kW	Tj=+25℃	EERd	11.25	-	
Tj=+20℃	P _{dc}	6.1	kW	Tj=+20℃	EERd	14.95	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Ро	wer consump	tion in modes	other than "active mo	de"			
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW	
Thermosat-off mode	РТО	0.007	kW	Standby mode	P _{SB}	0.010	kW	
			Other ite	ems				
Capacity control		variable		For air-to-water comfort chillers:				
Soundpowerlevel, indoors /outdoors	^L WA	-/64	dB	air flow rate, outdoor measured	-	4050	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin	_	_	m³/h	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger				
Standard rating conditions used Medium to			temperature application					
Contact details								
(*) If Cdc is not determined by	measurement	then the defa	ault degradation	on coefficient of chiller	rs shall be 0,9.			

Model(s):			INCL-V140W	//N1BP				
Outdoor side heat exchanger of chiller:			Air to water					
Indoor side heat exchanger chiller:			Water					
Type:			Compressor	driven vapour compre	ession			
Driver of compressor:			Electric moto	r				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	14.3	kW	Seasonal space cooling energy efficiency	n _{s,c}	187	%	
Declared cooling capacity for Tj	part load at g	iven outdoor t	emperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at g	given outdoor	
Tj=+35℃	P _{dc}	14.3	kW	Tj=+35℃	EERd	2.80	-	
Tj=+30℃	P	10.7	kW	Tj=+30℃	EERd	4.17	-	
Tj=+25℃	P _{dc}	7.1	kW	Tj=+25℃	EERd	6.01	-	
Tj=+20℃	Pdc	5.5	kW	Tj=+20℃	EERd	8.61	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Po	ower consump	tion in modes	other than "active mo	de"			
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW	
Thermosat-off mode	РТО	0.007	kW	Standby mode	PSB	0.010	kW	
			Other ite	ems		-		
Capacity control		variable		For air-to-water comfort chillers:				
Soundpowerlevel, indoors /outdoors	L _{WA}	-/65	dB	air flow rate, outdoor measured	-	4650	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			2/I-	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h	
Standard rating conditions us	ed	Low tempera	ture applicatio	on .				
Contact details								
(*) If Cdc is not determined by	measuremer	it then the defa	ault degradatio	on coefficient of chiller	s shall be 0.9.			

Model(s):			INCL-V140W	V/N1BP				
Outdoor side heat exchanger	of chiller:		Air to water					
Indoor side heat exchanger chiller:			Water					
Type:			Compres	sor driven vapour con	npression			
Driver of compressor:			Electric m	notor				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	14.1	kW	Seasonal space cooling energy efficiency	η _{s,c}	266	%	
Declared cooling capacity for Tj	part load at g	iven outdoor	temperature	Declared energy e temperature Tj	fficiency ratio fo	or part load at	given outdoor	
Tj=+35°℃	Pdc	14.1	kW	Tj=+35℃	EER₀	4.56	-	
Tj=+30℃	Pdc	10.4	kW	Tj=+30℃	EER₀	6.09	-	
Tj=+25℃	Pdc	7.2	kW	Tj=+25℃	EER₀	8.73	-	
Tj=+20°C	Pdc	7.3	kW	Tj=+20℃	EERd	13.20	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Po	ower consum	otion in modes	other than "active mo	ode"			
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW	
Thermosat-off mode	Рто	0.007	kW	Standby mode	P _{SB}	0.010	kW	
			Other ite	ems				
Capacity control		variable		For air-to-water comfort chillers:		46.50	- 0	
Soundpowerlevel, indoors /outdoors	^L WA	-/65	dB	air flow rate, outdoor measured	-	4650	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			m³/h	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	1117/11	
Standard rating conditions us	ed	Medium tem	perature appli	cation				
Contact details	_		_				_	
(*) If Cdc is not determined by	measuremen	t then the def	ault degradation	on coefficient of chille	rs shall be 0,9.			

Model(s):			INCL-V160W/N1BP					
Outdoor side heat exchanger	of chiller:		Air to water					
Indoor side heat exchanger c	hiller:		Water					
Туре:			Compressor	driven vapour compre	ession			
Driver of compressor:			Electric moto	or				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated cooling capacity	P rated,c	16.0	kW	Seasonal space cooling energy efficiency	η _{s,c}	182	%	
Declared cooling capacity for Tj	part load at gi	ven outdoor t	emperature	Declared energy ef temperature Tj	ficiency ratio fo	or part load at (given outdoor	
Tj=+35°C	P _{dc}	16.0	kW	Tj=+35℃	EERd	2.61	-	
Tj=+30°C	P _{dc}	12.9	kW	Tj=+30°C	EERd	3.72	-	
Tj=+25°C	P _{dc}	7.7	kW	Tj=+25℃	EERd	5.71	-	
Tj=+20℃	P _{dc}	5.5	kW	Tj=+20℃	EERd	8.02	-	
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-					
	Ро	wer consump	tion in modes	other than "active mo	de"			
Off mode	POFF	0.010	kW	Crankcase heater mode	РСК	0.000	kW	
Thermosat-off mode	Рто	0.007	kW	Standby mode	PSB	0.010	kW	
			Other ite	ems				
Capacity control		variable		For air-to-water comfort chillers:		4650		
Soundpowerlevel, indoors /outdoors	L _{WA}		dB	air flow rate, outdoor measured	-	4650	m³/h	
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin			- 0	
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h	
Standard rating conditions used Low temper		perature application						
Contact details								
(*) If Cdc is not determined by	measuremen	t then the defa	ault degradation	on coefficient of chiller	s shall be 0,9.			

Model(s):			INCL-V160W/N1BP						
Outdoor side heat exchanger	of chiller:		Air to water						
Indoor side heat exchanger ch	niller:		Water						
Туре:			Compressor	driven vapour compre	ession				
Driver of compressor:			Electric moto	or					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated cooling capacity	P rated,c	15.7	kW	Seasonal space cooling energy efficiency	η s,c	257	%		
Declared cooling capacity for Tj	part load at g	iven outdoor to	emperature	Declared energy e temperature Tj	fficiency ratio fo	or part load at	given outdoor		
Tj=+35℃	P _{dc}	15.7	kW	Tj=+35℃	EERd	3.90	-		
Tj=+30℃	Pdc	12.0	kW	Tj=+30℃	EERd	5.52	-		
Tj=+25°C	P _{dc}	7.7	kW	Tj=+25℃	EERd	8.29	-		
Tj=+20℃	Pdc	6.9	kW	Tj=+20℃	EERd	12.07	-		
Degradationco-efficient for chillers(*)	C _{dc}	0.9	-						
	Po	ower consump	tion in modes	other than "active mo					
Off mode	POFF	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW		
Thermosat-off mode	РТО	0.007	kW	Standby mode	PSB	0.010	kW		
	-		Other ite	ems		_			
Capacity control		variable		For air-to-water comfort chillers:		4650			
Soundpowerlevel, indoors /outdoors	^L WA	-/68	dB	air flow rate, outdoor measured	-	4650	m³/h		
Emissions of nitrogen oxides(ifapplicable)	NOx	-	mg/kWh input GCV	For water / brine- to-water chillers:Ratedbrin					
GWP of the refrigerant	-	675	kg CO _{2 eq} (100years)	eor water flow rate, outdoor side heat exchanger	-	-	m³/h		
Standard rating conditions use	ed	Medium temp	perature application						
Contact details									
(*) If Cdc is not determined by	measuremen	t then the defa	ault degradation	on coefficient of chille	rs shall be 0,9.				

Condition (°C)	Model	Capacity (kW)	Power input (kW)	EER/COP
. ,	INCL-V40W/N1BP	4.3	1.32	3.24
	INCL-V60W/N1BP	6.3	2.00	3.14
	INCL-V80W/N1BP	7.6	2.55	2.97
Ambient Temperature: 35/24 Water Temperature: 12/7	INCL-V100W/N1BP	8.8	2.97	2.96
	INCL-V120W/N1BP	11.6	4.14	2.80
	INCL-V140W/N1BP	14.3 16.0	5.11 6.12	2.80
	INCL-V40W/N1BP	4.0	0.77	5.19
	INCL-V60W/N1BP	6.2	1.26	4.91
	INCL-V80W/N1BP	8.2	1.75	4.65
Ambient Temperature: 35/24 Water Temperature: 23/18	INCL-V100W/N1BP	10.0	2.42	4.14
	INCL-V120W/N1BP	11.9	2.72	4.36
	INCL-V140W/N1BP	14.1	3.10	4.56
	INCL-V160W/N1BP	15.7	4.03	3.90
	INCL-V40W/N1BP	4.0	0.75	5.25
	INCL-V60W/N1BP	6.0	1.17	5.17
Ambient Temperature: 7/6 Water Temperature: 20/25	INCL-V80W/N1BP INCL-V100W/N1BP	7.9 10.2	1.76 2.04	4.50
Ambient Temperature: 7/6 Water Temperature: 30/35	INCL-V120W/N1BP	10.2	2.04	5.01 4.70
	INCL-V140W/N1BP	14.5	2.99	4.84
	INCL-V160W/N1BP	15.9	3.42	4.65
	INCL-V40W/N1BP	4.9	1.18	4.12
	INCL-V60W/N1BP	5.9	1.46	4.06
	INCL-V80W/N1BP	7.2	1.91	3.74
Ambient Temperature: 2/1 Water Temperature: 30/35	INCL-V100W/N1BP	8.2	2.12	3.87
	INCL-V120W/N1BP	9.3	2.47	3.78
	INCL-V140W/N1BP	11.4	3.37	3.37
	INCL-V160W/N1BP	13.3	3.89	3.41
	INCL-V40W/N1BP INCL-V60W/N1BP	4.7	1.52	3.07
	INCL-V80W/N1BP	6.2 7.0	2.02 2.39	3.06 2.92
Ambient Temperature: -7/-8 Water Temperature: 30/35	INCL-V100W/N1BP	8.3	2.75	3.00
Ambient Temperature17-0 Water Temperature. 30/33	INCL-V120W/N1BP	10.1	3.49	2.88
	INCL-V140W/N1BP	12.1	4.63	2.61
	INCL-V160W/N1BP	13.2	5.18	2.55
	INCL-V40W/N1BP	4.2	1.11	3.77
	INCL-V60W/N1BP	6.0	1.63	3.70
	INCL-V80W/N1BP	8.3	2.61	3.18
Ambient Temperature: 7/6 Water Temperature: 40/45	INCL-V100W/N1BP	10.2	2.79	3.65
	INCL-V120W/N1BP	12.1	3.36	3.60
	INCL-V140W/N1BP	14.5	3.89	3.72
	INCL-V160W/N1BP INCL-V40W/N1BP	15.9 4.7	4.63 1.54	3.43 3.05
	INCL-V60W/N1BP	6.0	1.85	3.25
	INCL-V80W/N1BP	7.4	2.51	2.95
Ambient Temperature: 2/1 Water Temperature: 40/45	INCL-V100W/N1BP	8.0	2.57	3.09
	INCL-V120W/N1BP	10.8	3.75	2.88
	INCL-V140W/N1BP	11.8	4.42	2.67
	INCL-V160W/N1BP	12.9	4.64	2.77
	INCL-V40W/N1BP	4.3	1.84	2.32
	INCL-V60W/N1BP	5.6	2.27	2.45
Ambient Temperature: 7/9 Weter Temperature: 40/45	INCL-V80W/N1BP INCL-V100W/N1BP	6.5 7.4	2.85 3.02	2.28
Ambient Temperature: -7/-8 Water Temperature: 40/45	INCL-V120W/N1BP	10.1	4.59	2.43
	INCL-V140W/N1BP	11.8	5.42	2.17
	INCL-V160W/N1BP	12.8	6.07	2.11
	INCL-V40W/N1BP	4.1	1.46	2.84
	INCL-V60W/N1BP	6.1	2.13	2.86
	INCL-V80W/N1BP	7.7	2.98	2.58
Ambient Temperature: 7/6 Water Temperature: 47/55	INCL-V100W/N1BP	9.6	3.22	2.98
	INCL-V120W/N1BP	12.3	4.44	2.77
	INCL-V140W/N1BP	13.8	4.42	3.12
	INCL-V160W/N1BP	15.8	6.12	2.58
	INCL-V40W/N1BP INCL-V60W/N1BP	4.5 5.0	1.70 2.07	2.64
	INCL-V80W/N1BP	7.1	3.01	2.39
Ambient Temperature: 2/1 Water Temperature: 47/55	INCL-V100W/N1BP	8.1	3.32	2.45
,	INCL-V120W/N1BP	11.4	4.69	2.42
	INCL-V140W/N1BP	12.6	5.45	2.30
	INCL-V160W/N1BP	13.6	5.85	2.32
	INCL-V40W/N1BP	4.0	2.07	1.92
	INCL-V60W/N1BP	5.3	2.60	2.04
	INCL-V80W/N1BP	6.1	3.10	1.95
Ambient Temperature: -7/-8 Water Temperature: 47/55	INCL-V100W/N1BP	7.0	3.51	1.98
	INCL-V120W/N1BP	10.0	4.89	2.04
	INCL-V140W/N1BP INCL-V160W/N1BP	11.0 12.5	5.38 6.18	2.05

NOTE

NOTE



AIR CONDITIONING SYSTEMS A I R-TO-WATER HEAT PUMP - MONOBLOCK



V:1.0.092022

Please check the applicable models, F-GAS and manufacturer information from the "Owner' s Manual - Product Fiche" in the packaging of the outdoor unit. (European Union products only).



产品信息卡:

封面封底的印刷颜色要求为: ■ PANTONE 425 C

注意:本页不用印刷,仅对封面及封底颜色做要求。