

**OUTDOOR PACKAGED AIR HANDLING UNIT
WITH GAS BURNER
OR HOT WATER COIL**



FWN/FGN - 9 000 M³/H → 34 000 M³/H

INTRODUCTION TO THE RANGE

- Aluzinc self-supporting casing
- Stainless steel fastenings and rivets
- Complete unit incorporating control panel and control system
- Hydraulic kit incorporated in FWN
- Incorporates CLIMATIC™ 50 control
- Shutter options for mixing fresh and return air for free-cooling function
- Heating option using electric heater coil or hot water coil in FWN
- Horizontal or top distribution option in FWN
- 300 mbar gas or propane supply option for FGN
- Hot water coil located upstream of cooling coils

GENERAL DATA

ROOFTOP			FWN				BGN	FGN			
			002	003	004	005	001	002	003	004	005
Cooling mode											
Gross cooling capacity	kW	S ⁽¹⁾	78	113	130	174	-	-	-	-	-
(27 °C/50% in - water 7/12 °C)		H ⁽¹⁾	94	137	159	211	-	-	-	-	-
Absorbed power	kW		3,0	5,5	8,0	10,5	3,0	3,0	8,0	8,0	10,5
Heating mode											
Gas heat capacity	kW	S ⁽¹⁾	-	-	-	-	33	60	60	120	120
		H ⁽¹⁾	-	-	-	-	60	120	120	180	180
Gas flow	m ³ /h	S ⁽¹⁾	-	-	-	-	3,2	5,7	5,7	11,5	11,5
(1013 mbar / 15 °C)		H ⁽¹⁾	-	-	-	-	5,7	11,5	11,5	17,2	17,2
Minimum efficiency	%		-	-	-	-	93%	90%	90%	90%	90%
Auxiliary heating											
Fully modulating electrical heater	kW	S ⁽¹⁾	36	36	36	36	-	-	-	-	-
		H ⁽¹⁾	54	72	72	72	-	-	-	-	-
Hot water coil capacity	kW	S ⁽¹⁾	48	97	108	148	-	-	-	-	-
(20 °C in - water 90/70)		H ⁽¹⁾	119	167	188	260	-	-	-	-	-
Hydraulic circuit											
Water flow	m ³ /h	S ⁽¹⁾	13,4	19,4	22,4	30,0	-	-	-	-	-
		H ⁽¹⁾	16,1	23,6	27,4	36,2	-	-	-	-	-
Water pressure drop	kPa	S ⁽¹⁾	70	110	100	110	-	-	-	-	-
		H ⁽¹⁾	70	70	90	70	-	-	-	-	-
Water coil volume	dm ³	S ⁽¹⁾	25	34	35	57	-	-	-	-	-
		H ⁽¹⁾	36	48	51	77	-	-	-	-	-
Water pipe connection	DN	S ⁽¹⁾	40	40	50	50	-	-	-	-	-
		H ⁽¹⁾	40	50	50	65	-	-	-	-	-
Ventilation											
Nominal airflow at 150 Pa	m ³ /h		12000	18000	22000	28000	8100	12000	18000	22000	28000
Minimum airflow	m ³ /h		9000	14000	18000	22000	5800	9000	14000	18000	22000
Maximum airflow	m ³ /h		15000	22000	24000	34000	10800	15000	22000	24000	34000
Acoustic											
Indoor air discharge sound power level ⁽²⁾	dB(A)		82	83	86	89	82	82	83	86	89

(1) : S = Standard heat - H = High heat

(2) : ESP = 100Pa at nominal airflow



Non contractual photos

