




> MONOBLOCK HEAT PUMP FOR CASCADE MANAGEMENT



- Up to 5 heat pumps in cascade
- Intelligent management of the “Smart Cascade” system, patented by Chaffoteaux
- Maximum energy optimization thanks to the modularity of the system
- Defrost mode only active on a single unit at a time, never interrupting the operation of the system
- Ecological gas R32
- High efficiency heat pumps
- Light Box electrical box that can also be installed outdoors
- Plug & Play solution
- Easy installation: no F-gas license is required
- Back up electrical resistance available as an accessory
- Expert HD interface as standard with Cascade Manager
- Connectivity available as an accessory
- 24/7 remote assistance (optional)

RECOMMENDED SOLUTIONS TOTAL			80 x 2	80 x 2	120 x 2	150 x 2	150 x 3	150 x 4	150 x 5
CASCADE CAPACITY (kW)*			16 (1-ph)	16 (3-ph)	24 (3-ph)	30 (3-ph)	45 (3-ph)	60 (3-ph)	75 (3-ph)
TYPE	DESCRIPTION	CODE	AMOUNT						
Outdoor Unit (ODU)	Arianext 80 M EXT R32	3630236	2	-	-	-	-	-	-
Outdoor Unit (ODU)	Arianext 80 M-T EXT R32	3630237	-	2	-	-	-	-	-
Outdoor Unit (ODU)	Arianext 120 M-T EXT R32	3630239	-	-	2	-	-	-	-
Outdoor Unit (ODU)	Arianext 150 M-T EXT R32	3630241	-	-	-	2	3	4	5
Light Box (LB)	Arianext MLB Cascade	3301815	2	2	2	2	3	4	5
Cascade Manager	Cascade Manager	3301821	1	1	1	1	1	1	1

TECHNICAL DATA

MODEL		80 M / M-T	120 M / M-T	150 M / M-T
PERFORMANCE IN HEATING*				
Nominal heat output (Ta +7°C, Tw 35°C)	kW	8,0	12,0	15,0
COP (Ta +7°C, Tw 35°C)		4,8	4,9	4,7
Useful power at full capacity(Pn)**(Ta +7°C, Tw 35°C)	kW	8,7	12,0	15,0
COP a Pn**(Ta +7°C, Tw 35°C)		4,6	4,9	4,7
Nominal heat output (Ta -7°C, Tw 35°C)	kW	7,4	9,5	11,0
COP (Ta -7°C, Tw 35°C)		3,0	3,2	3,1
COOLING PERFORMANCE*				
Nominal heat output (Ta 35°C, Tw 18°C)	kW	7,0	10,7	12,5
COP (Ta 35°C, Tw 18°C)		4,7	5,1	4,7
Nominal heat output (Ta 35°C, Tw 7°C)	kW	7,0	9,1	11,0
COP (Ta 35°C, Tw 7°C)		3,1	3,2	2,9
ERP DATA				
Energy class in heating35°C/55°C				
CODES				
External unit	Single phase	3630236	3630238	3630240
	Three-phase	3630237	3630239	3630241
External unit		3301815	3301815	3301815

*Data calculated according to UNI EN 14511

**Data required for application for access to tax incentives (65% ecobonus, 110% Superbonus, Thermal Account)