

# BOMBAS DE CALOR HEAT PUMPS

## SERIE MASTER PLUS



La nueva **Inverter MASTER PLUS** es una revolucionaria bomba de calor con un diseño único tanto desde dentro como fuera para satisfacer a los clientes más exigentes.

### CARACTERÍSTICAS

#### Diseño exclusivo con carcasa de plástico ABS

La carcasa está hecha de plástico ABS en su totalidad, evitando cualquier corrosión y manchas causadas por un entorno ambiental deficiente.

#### Super Silenciosa

Está especialmente diseñada para reducir al máximo su sonoridad, así podrá descansar durante la noche. Óptima para uso residencial gracias a un nivel sonoro de tan solo 18 dB (A) a una distancia de 10 metros.

*The new MASTER PLUS Inverter is a revolutionary heat pump with a unique design both from inside and outside to satisfy the most demanding customers.*

### CHARACTERISTICS

#### Exclusive design with ABS plastic housing

*The housing is made entirely of ABS plastic, preventing any corrosion and staining caused by poor environmental environment.*

#### Super Silent

*Is specially designed to minimize its noise, so you can rest at night. Optimal for residential use thanks to a sound level of only 18 dB (A) at a distance of 10 meters.*



#### Controle su piscina (Wi-Fi)

A través de la aplicación, desde su teléfono podrá controlar la temperatura que desee para que su piscina esté lista para disfrutarla durante todo el año. No importa la temperatura que haya en el exterior.

#### Control your pool (Wi-Fi)

*From your Smart phone and connected to the application, you can control the temperature desired for your pool to enjoy it all year round. It doesn't matter what temperature is outside.*



# BOMBAS DE CALOR HEAT PUMPS

## SERIE MASTER PLUS



### Calentamiento exponencial

Con un tiempo de calentamiento muy corto, el usuario no tiene que esperar mucho para poder disfrutar de su piscina.

### Ahorro y eficiencia Energética

COP de hasta 15,0. prácticamente en toda la temporada, la bomba de calor funciona al 50% de capacidad.

### Exponential heating

*With a very short heating time, the user does not have to wait long to enjoy his pool.*

### Energy saving and efficiency

*COP up to 15.0 in practically the entire season, the heat pump operates at 50% capacity.*

## CARACTERÍSTICAS FEATURES

PRODUCT MODEL	NDE-08-DCP	NDE-10-DCP	NDE-11-DCP	NDE-14-DCP	NDE-17-DCP	NDE-20-DCP	NDE-24-DCP
Advised pool volume (m³)(with cover)	15~30	20~40	25~50	30~60	40~75	55~100	55~100
heating*							
Heating capacity (kW)	7.50~1.92	9.50~2.10	11.00~2.50	14.00~3.15	17.00~3.75	20.00~4.00	24.00~4.80
Heating capacity (BTU/h)	25500~6528	32300~7140	37400~8500	47600~10710	57800~13090	68000~13600	81600~16320
Input power (kW)	1.15~0.13	1.46~0.14	1.83~0.17	2.15~0.21	2.62~0.25	3.33~0.27	4.00~0.32
COP	6.5~14.8	6.5~15.0	6.0~14.7	6.5~15.0	6.5~15.0	6.0~14.8	6.0~15.0
heating**							
Heating capacity (kW)	5.80~1.42	7.2~1.50	8.5~1.65	10.7~2.40	13.0~2.65	15.6~2.85	18.7~3.42
Heating capacity (BTU/h)	19720~4828	24480~5100	28900~5610	36380~8160	44200~9010	53040~9690	63580~11630
Input power (kW)	1.15~0.20	1.43~0.21	1.77~0.23	2.12~0.34	2.58~0.36	3.25~0.40	3.89~0.49
COP	5.0~7.1	5.0~7.2	4.8~7.2	5.0~7.1	5.0~7.4	4.8~7.0	4.8~7.0
Rated current(A)	5.1~0.9	6.3~0.9	7.8~1.0	9.3~1.5	11.3~1.6	14.3~1.8	17.8~2.3
Noise (dB(A)) (1m)	38~48	38~48	40~50	42~51	43~52	43~53	44~54
Net weight/Gross weight(kg)	62/70	62/70	64/72	77/87	81/91	81/91	
Diameter of pipe (mm)	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
Metel plate	ABS plastic casing dark grey color						
Body size(W*D*H)mm	1000*396*640					1125*416*765	
Refrigerant	R32						
Power supply	230V/1p/ 50Hz						

heating\*: working condition, Water 26°C, Air 27°C, Humidity 80%

heating\*\*: working condition, Water 26°C, Air 15°C, Humidity 70%