



IMP PUMPS®
Intelligent Motor Pumps

**BEST
IN CLASS**



NMT MINI NMT MINI PLUS NMT MINI PRO



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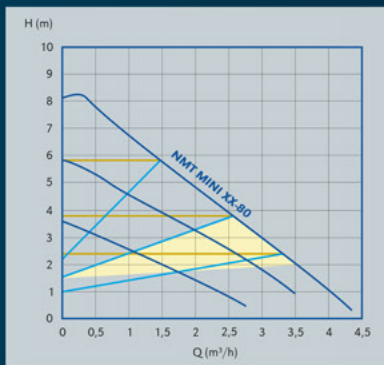
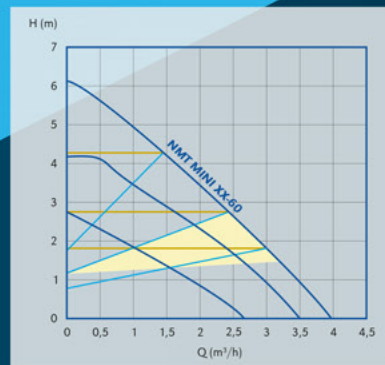
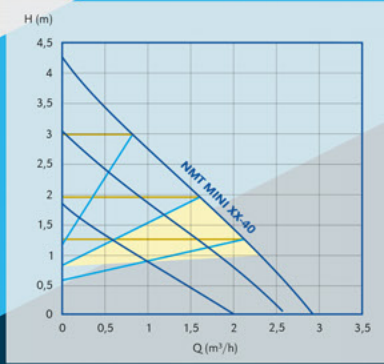
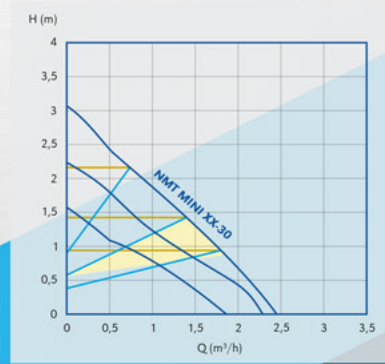
Technical specification	
Q _{max}	up to 4,3 m ³ /h
H _{max}	up to 8 m
DN	15/20/25/32
Pipe connection	G 1 / G1¼ / G1½ / G2
Installation	threaded
Insulation class	F
Degree of protection	IP 44
Voltage	1 - 230V, 50 Hz
Fitting length	130/180 mm

Name	P _{max} [W]	I _{max} [A]	EEl
NMT MINI XX-30	15	0,16	0,12
NMT MINI XX-40	20	0,20	0,13
NMT MINI XX-60	35	0,35	0,16
NMT MINI XX-80	50	0,50	0,18

Ambient temperature	Medium temperature
25°C	from -10°C to +110°C
30°C	from -10°C to +100°C
35°C	from -10°C to +90°C
40°C	from -10°C to +80°C

PERFORMANCE CURVES

■ AUTO-MODE
■ FIXED SPEED 1-2-3
■ CONSTANT PRESSURE CURVES
■ PROPORTIONAL PRESSURE CURVES



ALL IN ONE BUTTON CONTROL
Switch through the operating modes by pressing the only button on the pump

AUTO MODE (NMT MINI PRO)
to optimize efficiency and comfort

LED DISPLAY
for system data overview and diagnostics

BEST ENERGY EFFICIENCY INDEX IN CLASS - EEI
Improved motor, hydraulics, electronics & permanent magnet

ELECTRIC PLUG
For easy installation

ELECTRIC HOUSING
robust and durable electrical housing

GRAPHITE BEARING
All carbon design no lead presence according to RoHS

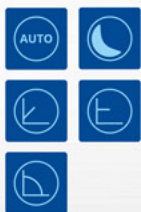
ROTOR CAN
one piece of INOX AISI 316

SINGLE PIECE INSULATION JACKET
- Insulation included
- built in one piece for easy installation
- pump protection and heat saving

CATAPHORESIS COATED HYDRAULICS
is protected with an ambient temperature coating for a long life resistance

SELF - VENTING SHAFT

MOST EFFICIENT
CIRCULATING
PUMP ON THE
MARKET



NMT MINI PRO



NMT MINI PLUS



NMT MINI

OPERATING FUNCTIONS

AUTO MODE

At start



+ NIGHT MODE

10x



PROPORTIONAL PRESSURE

1x



2x



3x



+ NIGHT MODE

11x



12x



13x



CONSTANT PRESSURE

4x



5x



6x



+ NIGHT MODE

14x



15x



16x



CONSTANT SPEED

7x



8x



9x



+ NIGHT MODE

17x



18x



19x



NMT MINI PRO FEATURES

- **Dry running detection** prevents pump from running when there is no media
- **Numerical display** shows the current operating data of the pump for: Power(W), Head (h) and Flow (m3/h)
- **Ultra-light design** meaning the heaviest pump only weighs 1.9Kg
- **Auto mode** best operating mode to optimize efficiency and comfort
- **3 proportional-pressure curves** for radiator heating
- **3 constant-pressure curves** for floor heating
- **3 fixed speeds** for boiler installation, venting and domestic hot water
- **Night mode** - in combination with other modes listed above
- **Automatic summer mode** to prevent blocking during low season
- **Robust startup**

OPERATING FUNCTIONS

PROPORTIONAL PRESSURE

1x



2x



3x



CONSTANT PRESSURE

4x



5x



6x



CONSTANT SPEED

7x



8x



9x



NMT MINI PLUS FEATURES

- **Dry running detection** prevents pump from running when there is no media
- **Numerical display** shows the current operating data of the pump for Power(W)
- **Ultra-light design** meaning the heaviest pump only weighs 1.9Kg
- **3 proportional-pressure curves** for radiator heating
- **3 constant-pressure curves** for floor heating
- **3 fixed speeds** for boiler installation, venting and domestic hot water
- **Automatic summer mode** to prevent blocking during low season
- **Robust startup**

OPERATING FUNCTIONS

PROPORTIONAL PRESSURE

1x



2x



3x



CONSTANT PRESSURE

4x



5x



6x



CONSTANT SPEED

7x



8x



9x



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