



# **FCZI-EUP**

# Fan coil unit for ducted installations

Cooling capacity 3.0 - 29.0 MBTU/h Heating capacity 3.4 - 58.3 MBTU/h

- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Suitable for duct-type installations too
- Total comfort: reduced variations in temperature and relative humidity
- Vertical and horizontal installation
- Very quiet



# DESCRIPTION

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

# **FEATURES**

### Ventilation group

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans.

They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

#### Heat exchanger coil

With copper pipes and aluminium fins, the standard or oversized main coil and the possible secondary coil have female gas water connections on the left side and the manifolds have air vents.

The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

Reversibility of the water connections during installation only for units with a standard or boosted main coil, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

#### **Condensate drip**

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

#### Air filter

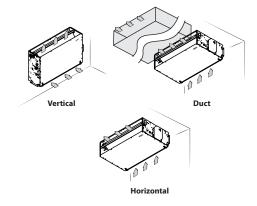
Air filter class Coarse 25% for all versions easy to pull out and clean.

# VERSIONS

**EUPW**: Eco universal 110-240 without shell and with electrical box on the same side of the water connections **EUP**: Eco universal 110-240 without shell

**EUPAF**: Eco universal 110-240 without shell but with front intake

Flush-mounting and duct-type versions



In the standard configuration there is no useful static pressure available. If necessary for canaled installations, you must act on the engine dip switches, for more details refer to the technical documentation.

#### **ACCESSORIES**

#### **Control panels**

**AER503IR:** Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

**SA5:** air probe kit (L = 15 m) with probe-locking cable grommet.

**SW3:** Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

**SW5:** water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

**TX24:** Wall-mounting thermostat for controlling either brushless fan coils. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

#### VMF system

**VMF-E24I:** Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

VMF-E4DX: Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

**VMF-E4X:** Wall-mounted user interface. Light grey front panel PAN-TONE COOL GRAY 1C.

**VMF-IR:** User interface compatible with the AER503IR thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

#### Water valves

**VCZ41:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

**VCZ4124:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

**VCZ42:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

**VCZ4224:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

**VCZ43:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

**VCZ4324:** 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

**VCF44** - **45** - **for the secondary coil:** The 3-way motorised valve kit for the secondary coil or an optional heat only coil. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

#### (Heating only) additional coil

BV: Single row hot water heat exchanger.

#### Installation accessories

DSC: Condensate drainage device.

BC: Condensate drip.

BCZ: Condensate drip.

**Ventilcassaforma:** Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

GA: Intake grid with fixed louvers

GAF: Intake grid with filter and fixed louvers

**GM:** Flow grid with adjustable louvers.

**PA:** Intake plenum in galvanised sheet metal, complete with suction couplings for circular-section ducts.

**PAF:** Intake plenum providing recovery and delivery on the same side, for all installations where the machine needs to be positioned outside the air conditioned rooms to minimise the noise levels and facilitate maintenance.

**PM:** Delivery plenum with circular flanges. Sandwich structure in hot galvanised steel, with interposed polyurethane foam (40 kg/m3). The panel is 15 mm thick. It is installed in place of the delivery panel with a rectangular flange, using the same 4 self-threading screws.

**RD:** Straight delivery coupling for canalisation.

**RDA:** Straight suction coupling for canalisation.

**RP:** 90° delivery coupling.

RPA: 90° suction coupling.

#### **ACCESSORIES COMPATIBILITY**

## **Control panels**

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
AER503IR	•	•	•	•	•	•	•	•	•	•	•	•
SA5	•	•	•	•	•	•	•	•	•	•	•	•
SW3	•	•	•	•	•	•	•	•	•	•	•	•
SW5	•	•	•	•	•	•	•	•	•	•	•	•
TX24	•	•	•	•	•	•	•	•	•	•	•	•
Accessory	FCZ12	01EUP	FCZ13	D1EUP	FCZI4	01EUP	FCZI5	01EUP	FCZI7	01EUP	FCZ19	01EUP
AER503IR				•						•		•
SA5		•		•		•		•		•		•
SW3		•		•		•		•		•		•
SW5				•		•				•		•
TX24												

#### **VMF** system

For more information about VMF system, refer to the dedicated documentation.

#### VMF system

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZ1900EUP	FCZ1950EUP
VMF-E24I	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E4DX	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E4X	•	•	•	•	•	•	•	•	•	•	•	•
VMF-IR	•	•	•	•	•	•	•	•	•	•	•	•
VMF-SW	•	•	•	•	•	•	•	•	•	•	•	•

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
VMF-SW1	•	•	•	•	•	•	•	•	•	•	•	•
Accessory	FCZ12	D1EUP	FCZ13	01EUP	FCZI4	01EUP	FCZI5	D1EUP	FCZI7	01EUP	FCZ19	01EUP
VMF-E24I				•		•				•		•
VMF-E4DX		•		•		•		•		•		•
VMF-E4X				•		•				•		•
VMF-IR		•		•		•		•		•		•
VMF-SW		•		•		•		•		•		•
VMF-SW1		•		•		•		•		•		•

# Water valves

# Valve Kit for 4 pipe systems - Requires a thermostat with valve management

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
VCZ1X4L	•	•										
VCZ1X4R	•	•										
VCZ2X4L			•	•	•	•	•	•	•	•		
VCZ2X4R			•	•	•	•	•	•	•	•		
VCZ3X4L											•	•
VCZ3X4R											•	•

3 way valve kit

	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZ41	VCZ41	VCZ41	VCZ41	VCZ42							
Main coll	VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ4224							
Co con dome coll		VCF44	VCF44			VCF44	VCF44			VCF44	VCF44	
Secondary coil	-	VCF4424	VCF4424	-	-	VCF4424	VCZ4424	-	-	VCF4424	VCF4424	-
	VCF44				VCF44				VCF44			
Additional coil "BV"	VCF4424	-	-	-	VCF4424	-	-	-	VCF4424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
	VCZ42	VCZ43	VCZ43	VCZ43								
Main coil	VCZ4224	VCZ4324	VCZ4324	VCZ4324								
<b>C</b> 1 1		VCF44	VCF44			VCF44	VCF44			VCF45		
Secondary coil	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-	-	VCF4524	-	
	VCF44				VCF44				VCF45			
Additional coil "BV"	VCF4424	-	-	-	VCF4424	-	-	-	VCF4524	-	-	

2 way valve kit

	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZD1	VCZD1	VCZD1	VCZD1	VCZD2							
Main con	VCZD124	VCZD124	VCZD124	VCZD124	VCZD224							
Co con dome coll		VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
Secondary coil	-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-
Additional soil (DV//	VCFD4				VCFD4				VCFD4			
Additional coil "BV"	VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
Mata	VCZD2	VCZD3	VCZD3	VCZD3								
Main coil	VCZD224	VCZD324	VCZD324	VCZD324								
• · · · · · · · · · · · · · · · · · · ·		VCFD4	VCFD4			VCFD4	VCFD4			VCFD4		
Secondary coil	-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-	-	VCFD424	-	
	VCFD4				VCFD4				VCFD4	-	-	
Additional coil "BV"	VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	

# Combined Adjustment and Balancing Valve Kit

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
VJP060M	•	•	•	•								
VJP090M					•	•	•	•				
VJP150M									•	•	•	•
Accessory	FC	ZI201EUP		FCZI301EUP		FCZI4	01EUP		FCZI701EUP		FCZI901E	EUP
VJP060M		•		•								
VJP090M							•					
VJP150M												

# (Heating only) additional coil

# Heating only additional coil

Accessory	FCZI200EUP	FCZI300EUP	FCZI400EUP	FCZI500EUP	FCZI700EUP	FCZ1900EUP
BV122	•					
BV132		•				
BV142			•	•		

Accessory	FCZI200EUP	FCZI300EUP	FCZI400EUP	FCZI500EUP	FCZI700EUP	FCZI900EUP
BV162						•
BVZ800					•	

# Installation accessories

# Wall mounting kit

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZ1550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
AMP20	•	•	•	•	•	•	•	•				
AMPZ									•	•	•	•
Accessory	FCZ12	01EUP	FCZI3	01EUP	FCZI4	01EUP	FCZ15	D1EUP	FCZI7	01EUP	FCZ19	01EUP
AMP20		•		•		•						
AMPZ										•		•

# Condensate drip

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZ1900EUP	FCZ1950EUP
BCZ4	•	•	•	•	•	•	•	•	•	•	•	•
BCZ5	•	•	•	•	•	•	•	•	•	•		
BCZ6											•	•
Accessory	FCZ12	01EUP	FCZ13	01EUP	FCZI4	01EUP	FCZI5	01EUP	FCZ17	01EUP	FCZI9	01EUP
BCZ4		•		•		•		•		•		
BCZ5		•		•		•		•		•		
BCZ6												•
Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZI950EUP
BC8	•	•	•	•	•	•	•	•	•	•		
BC9											•	•
Accessory	FCZ12	01EUP	FCZ13	01EUP	FCZI4	01EUP	FCZI5	01EUP	FCZ17	01EUP	FCZI9	01EUP
BC8		•		•		•		•		•		
BC9												•

# Condensate recirculation device

 Accessory
 FCZ1200EUP
 FCZ1300EUP
 FCZ1300EUP
 FCZ1300EUP
 FCZ1400EUP
 FCZ1500EUP
 FCZ1700EUP
 FCZ1700EUP
 FCZ1900EUP
 FCZ1950EUP

 DSC24
 -<

# Ventilcassaforma

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
CHF22	•	•										
CHF32			•	•								
CHF42					•	•	•	•				
CHF62									•	•	•	•
Accessory	FCZ12	01EUP	FCZI3	D1EUP	FCZI4	01EUP	FCZ15	D1EUP	FCZI7	01EUP	FCZ19	01EUP
CHF22		•										
CHF32												
СПГЭД				•								
CHF42				•		•						

# Wall mounting and duct type installation accessories

# Lower intake grille

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
GA22	•	•										
GA32			•	•								
GA42					•	•	•	•				
GA62									•	•	•	•
Accessory	FCZI201EUP		FCZI3	D1EUP	FCZI4	01EUP	FCZI5	01EUP	FCZI7	01EUP	FCZ19	01EUP
GA22		•										
GA32				•								
GA42						•		•				
GA62										•		•

# Intake grilles with fixed fins and filter

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZ1550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
GAF22	•	•										
GAF32			•	•								
GAF42					•	•	•	•				
GAF62									•	•	•	•

Accessory	FCZI201EUP	FCZI301EUP	FCZI401EUP	FCZI501EUP	FCZI701EUP	FCZI901EUP
GAF22	•					
GAF32		•				
GAF42			•	•		
GAF62					•	•

# Delivery grilles with adjustable fins

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
GM22	•	•										
GM32			•	•								
GM42					•	•	•	•				
GM62									•	•	•	•
Accessory	FCZ12	FCZI201EUP		01EUP	FCZI4	01EUP	FCZI5	01EUP	FCZI7	01EUP	FCZ19	01EUP
GM22		•										
GM32				•								
GM42						•		•				
GM62										•		•

# Intake plenum in sheet metal complete with connectors for circular channels

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
PA22	•	•										
PA32			•	•								
PA42					•	•	•	•				
PA62									•	•	•	•
Accessory	FCZ12	FCZI201EUP		01EUP	FCZI4	01EUP	FCZ15	D1EUP	FCZI7	01EUP	FCZI9	01EUP
PA22												
		•										
PA32		•		•								
		•		•		•		,				

# Intake plenum providing recovery and delivery on the same side

Accessory	FCZI200EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
PA22F	•										
PA32F		•	•								
PA42F				•	•	•	•				
PA62F								•	•	•	•
Accessory	FCZI20	FCZI201EUP		JP	FCZI401EUP		FCZI501EUP	F	CZI701EUP	FCZI	901EUP
PA22F	•										
PA32F			•								
PA42F					•		•				
PA62F											

# Delivery plenum with circular flanges.

Accessory	FCZ1200EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZI950EUP
PM22	•										
PM32		•	•								
PM42				•	•	•	•				
PM62								•	•	•	•
Accessory	FCZI20	FCZI201EUP		JP	FCZI401EUP		FCZI501EUP	F	CZI701EUP	FCZI	901EUP
PM22	•										
PM32			•								
PM42					•		•				
PM62											

# Straight delivery coupling

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZ1400EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZ1900EUP	FCZ1950EUP
RD22	•	•									
RD32			•	•							
RD42					•	•	•				
RD62								•	•	•	•
Accessory	FCZI20	1EUP	FCZI301E	JP	FCZI401EUP		FCZI501EUP	F	CZI701EUP	FCZ	1901EUP
RD22	•										
RD32			•								
RD42					•		•				
RD62											

# Straight suction coupling

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
RDA22	•	•										
RDA32			•	•								

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
RDA42					•	•	•	•				
RDA62									•	•	•	•
Accessory	FCZI201EUP		FCZ13	01EUP	FCZI4	01EUP	FCZI5	01EUP	FCZI7	01EUP	FCZ19	01EUP
RDA22		•										
RDA32				•								
RDA42						•		•				
RDA62										•		•

## 90° delivery coupling.

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZ1550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
RP22	•	•									
RP32			•								
RP42				•	•	•	•				
RP62								•	•	•	•
Accessory	FCZI20	FCZI201EUP		JP	FCZI401EUP		FCZI501EUP	F	CZI701EUP	FCZI	901EUP
RP22	•										
RP32			•								
RP32 RP42			•		•		•				

# 90° suction coupling.

Accessory	FCZI200EUP	FCZI250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP	FCZI500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
RPA22	•	•										
RPA32			•	•								
RPA42					•	•	•	•				
RPA62									•	•	•	•
Accessory	FCZI2	FCZI201EUP		01EUP	FCZI4	01EUP	FCZI5	01EUP	FCZI7	01EUP	FCZ19	01EUP
RPA22		•										
RPA32				•								
RPA42						•		•				
RPA62												

# **PERFORMANCE SPECIFICATIONS**

2-pipe

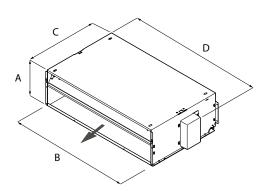
		FCZI200EUP			FCZ1250EUP			FCZI300EUP		FCZI350EUP		FCZ1400EUP		FCZ1450EUP				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 158 °F / 140 °	(1)																	
Heating capacity MBT		10.1	12.6	7.5	10.9	13.8	11.8	15.2	18.8	12.9	16.8	21.0	14.7	19.6	24.4	15.6	21.5	26.
Water flow rate system side gp	n 0,8	1,1	1,4	0,8	1,2	1,5	1,3	1,7	2,1	1,4	1,9	2,3	1,6	2,2	2,7	1,7	2,3	3,0
Pressure drop system side ft H	0 1,00	1,90	2,90	1,60	2,90	4,50	1,00	1,70	2,50	1,70	2,80	4,10	1,60	3,00	4,60	1,30	1,90	3,2
Heating performance 113 °F / 104 °																		
Heating capacity MBT		5.0	6.3	3.7	5.4	6.9	5.9	7.5	9.3	6.4	8.3	10.4	7.3	9.7	12.1	7.7	10.6	13.
Water flow rate system side gp	n 0,8	1,1	1,4	0,8	1,2	1,5	1,3	1,7	2,1	1,4	1,9	2,3	1,6	2,2	2,7	1,7	2,4	3,
Pressure drop system side ft H	0 0,90	1,70	2,50	1,20	2,20	3,20	1,20	1,70	2,50	1,20	2,00	2,90	1,30	2,30	3,30	0,90	1,60	2,3
Cooling performances 44.6 °F / 53.0	°F (3)																	
Cooling capacity MBT		4.4	5.5	3.6	5.3	6.6	5.7	7.4	9.0	6.4	8.4	10.3	7.5	10.0	12.3	8.2	11.0	13
Sensible cooling capacity MBT	J/h 2.4	3.6	4.5	2.7	4.1	5.2	4.3	5.6	7.0	4.5	6.0	7.4	5.4	7.3	9.1	5.8	7.8	9.
Water flow rate system side gp	n 0,7	1,0	1,2	0,8	1,2	1,5	1,3	1,6	2,0	1,5	2,0	2,5	1,7	2,2	2,7	1,8	2,4	3,
Pressure drop system side ft H		1,70	2,60	1,20	2,50	3,60	1,20	1,70	2,60	1,60	2,50	3,60	1,50	2,30	3,50	1,30	2,20	3,2
Fan	. ,	,								,				,				
lype ty	e								Centr	ifugal								
Fan motor ty									Inve	5								
Number no		1			1			2			2			2			2	
Air flow rate cf		129	171	82	129	171	153	206	265	153	206	265	194	271	353	194	271	35
Input power V		8	14	7	8	14	5	7	13	5	7	13	5	10	18	5	10	1
Fan coil sound data (4)		-			-				-			-		-	-		-	
Sound power level dB	A) 35,0	46,0	51,0	35,0	46,0	51,0	34,0	41,0	48,0	34,0	41,0	48,0	37,0	44,0	51,0	37,0	44,0	51
Sound pressure dB	<u> </u>	38,0	43,0	27,0	38,0	43,0	26,0	33,0	40,0	26,0	33,0	40,0	29,0	36,0	43,0	29,0	36,0	43
Diametre hydraulic fittings	.,,.	,-		/	,-											_,,-		
Main coil Ø		1/2″			1/2″			3/4″			3/4″			3/4″			3/4″	
Power supply																		
									110-240	V~60Hz								
Power supply Power supply		EC71500EI	ID		C71550EU	D		C71700EU			(71750EII			C71000EU			C71050EU	
		FCZI500EL			CZI550EU		1	<b>CZI700EU</b>	P	F	<b>CZI750EU</b>			<b>CZI900EU</b>			<b>CZI950EU</b>	_
		2	3	1	2	3	<b>F</b>	2	<b>P</b> 3	<b>F</b>	2	3	1	2	3	1	2	3
Power supply	L						1		P	F	_							3
Power supply Heating performance 158 °F / 140 °	L (1)	2 M	3 H	1 L	2 M	3 H	1 L	2 M	<b>Р</b> 3 Н	1 L	2 M	3 H	1 L	2 M	3 H	1 L	2 M	3 H
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT	L ( <b>1)</b> I/h 18.0	2 M 24.9	3 H 29.0	1 L 19.9	2 M 28.5	3 H 33.3	1 L 27.6	2 M 33.4	р 3 Н 37.5	<b>F</b> 1 L 31.1	2 M 38.6	3 H 42.7	1 L 36.7	2 M 45.6	3 H 51.7	1 L 38.2	2 M 49.2	3 H 58
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Vater flow rate system side gp	L ( <b>1)</b> I/h 18.0 n 2,0	2 M 24.9 2,8	3 H 29.0 3,2	1 L 19.9 2,2	2 M 28.5 3,2	3 H 33.3 3,7	1 L 27.6 3,1	2 M 33.4 3,7	P 3 H 37.5 4,2	F 1 L 31.1 3,4	2 M 38.6 4,3	3 H 42.7 4,7	1 L 36.7 4,2	2 M 45.6 5,2	3 H 51.7 5,8	1 L 38.2 4,3	2 M 49.2 5,7	3 H 58 6,
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Nater flow rate system side gp Pressure drop system side ft H	L (1) I/h 18.0 n 2,0 0 6,10	2 M 24.9 2,8	3 H 29.0	1 L 19.9	2 M 28.5	3 H 33.3	1 L 27.6	2 M 33.4	р 3 Н 37.5	<b>F</b> 1 L 31.1	2 M 38.6	3 H 42.7	1 L 36.7	2 M 45.6	3 H 51.7	1 L 38.2	2 M 49.2	3 H 58 6,
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 °	L (1) I/h 18.0 n 2,0 0 6,10 (2)	2 M 24.9 2,8 6,10	3 H 29.0 3,2 6,10	1 L 19.9 2,2 2,00	2 M 28.5 3,2 3,60	3 H 33.3 3,7 4,80	1 L 27.6 3,1 3,00	2 M 33.4 3,7 4,40	P 3 H 37.5 4,2 5,40	F 1 L 31.1 3,4 1,60	2 M 38.6 4,3 2,30	3 H 42.7 4,7 2,90	1 L 36.7 4,2 1,60	2 M 45.6 5,2 2,30	3 H 51.7 5,8 3,00	1 L 38.2 4,3 2,20	2 M 49.2 5,7 3,30	3 H 58 6, 4,6
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 ° Heating capacity MBT	L (1) J/h 18.0 n 2,0 0 6,10 (2) J/h 8.9	2 M 24.9 2,8 6,10 12.4	3 H 29.0 3,2 6,10 14.4	1 L 19.9 2,2 2,00 9.9	2 M 28.5 3,2 3,60 14.1	3 H 33.3 3,7 4,80 16.5	1 L 27.6 3,1 3,00 13.8	2 M 33.4 3,7 4,40 16.6	P 3 H 37.5 4,2 5,40 18.7	F 1 31.1 3,4 1,60 15.4	2 M 38.6 4,3 2,30 19.2	3 H 42.7 4,7 2,90 21.9	1 L 36.7 4,2 1,60 18.3	2 M 45.6 5,2 2,30 22.7	3 H 51.7 5,8 3,00 25.7	1 L 38.2 4,3 2,20 19.0	2 M 49.2 5,7 3,30 24.5	3 H 58 6, 4,6 29
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Nater flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 ° Heating capacity MBT Nater flow rate system side gp	L (1) J/h 18.0 n 2,0 0 6,10 (2) J/h 8.9 n 2,0	2 M 24.9 2,8 6,10 12.4 2,8	3 H 29.0 3,2 6,10 14.4 3,2	1 19.9 2,2 2,00 9.9 2,2	2 M 28.5 3,2 3,60 14.1 3,2	3 H 33.3 3,7 4,80 16.5 3,7	1 L 27.6 3,1 3,00 13.8 3,1	2 M 33.4 3,7 4,40 16.6 3,7	P 3 H 37.5 4,2 5,40 18.7 4,2	F 1 31.1 3,4 1,60 15.4 3,5	2 M 38.6 4,3 2,30 19.2 4,3	3 H 42.7 4,7 2,90 21.9 4,8	1 L 36.7 4,2 1,60 18.3 4,1	2 M 45.6 5,2 2,30 22.7 5,1	3 H 51.7 5,8 3,00 25.7 5,8	1 L 38.2 4,3 2,20 19.0 4,3	2 M 49.2 5,7 3,30 24.5 5,5	3 H 58 6, 4,6 29 6,
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H	L (1) I/h 18.0 n 2,0 0 6,10 (2) I/h 8.9 n 2,0 0 1,70	2 M 24.9 2,8 6,10 12.4 2,8	3 H 29.0 3,2 6,10 14.4	1 L 19.9 2,2 2,00 9.9	2 M 28.5 3,2 3,60 14.1	3 H 33.3 3,7 4,80 16.5	1 L 27.6 3,1 3,00 13.8	2 M 33.4 3,7 4,40 16.6	P 3 H 37.5 4,2 5,40 18.7	F 1 31.1 3,4 1,60 15.4	2 M 38.6 4,3 2,30 19.2	3 H 42.7 4,7 2,90 21.9	1 L 36.7 4,2 1,60 18.3	2 M 45.6 5,2 2,30 22.7	3 H 51.7 5,8 3,00 25.7	1 L 38.2 4,3 2,20 19.0	2 M 49.2 5,7 3,30 24.5	3 H 58 6, 4,6 29 6,
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Cooling performances 44.6 °F / 53.6	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3)	2 M 24.9 2,8 6,10 12.4 2,8 3,00	3 H 29.0 3,2 6,10 14.4 3,2 4,10	1 19.9 2,2 2,00 9.9 2,2 1,50	2 M 28.5 3,2 3,60 14.1 3,2 2,80	3 H 33.3 3,7 4,80 16.5 3,7 3,60	1 L 27.6 3,1 3,00 13.8 3,1 2,30	2 M 33.4 3,7 4,40 16.6 3,7 3,30	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20	F 1 L 31.1 3,4 1,60 15.4 3,5 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00	3 H 42.7 4,7 2,90 21.9 4,8 2,50	1 L 36.7 4,2 1,60 18.3 4,1 1,70	2 M 45.6 5,2 2,30 22.7 5,1 2,50	3 H 51.7 5,8 3,00 25.7 5,8 3,00	1 L 38.2 4,3 2,20 19.0 4,3 2,20	2 M 49.2 5,7 3,30 24.5 5,5 3,50	33 H 588 6, 4,6 29 6, 4,8
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Cooling performances 44.6 °F / 53.6 Cooling capacity MBT	L (1) (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3	1 27.6 3,1 3,00 13.8 3,1 2,30 13.4	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8	F 1 2 31.1 3,4 1,60 15.4 3,5 1,50 14.6	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0	3 588 6, 4, 6, 299 6, 4, 8 29 29
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Vater flow rate system side gp Pressure drop system side ft H Heating performance 113 °F / 104 ° Heating capacity MBT Vater flow rate system side gp Pressure drop system side ft H Cooling performances 44.6 °F / 53.6 Cooling capacity MBT iensible cooling capacity MBT	L (1) //h 18.0 n 2,0 0 6,10 (2) //h 8.9 n 2,0 0 1,70 °F (3) //h 9.1 //h 6.6	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9,3	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9	1 L 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7	F 1 L 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0 16.1	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6	3 H 588 6, 4,¢ 299 6, 4,§ 299 19
Power supply Heating performance 158 °F / 140 ° Heating capacity MBT Water flow rate system side gp Pressure drop system side ft H Heating capacity MBT Nater flow rate system side gp Pressure drop system side ft H Cooling performances 44.6 °F / 53.6 Cooling capacity MBT Sensible cooling capacity MBT Nater flow rate system side gp	L (1) h 18.0 n 2,0 0 6,10 (2) h 8.9 n 2,0 0 1,70 °F (3) l/h 9.1 l/h 6.6 n 2,0	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2	1 L 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2	F 1 2 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0 16.1 4,6	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5	3 H 588 6, 4,¢ 29 6, 4, 8 29 19 19 6,
Power supply Heating performance 158 °F / 140 ° leating capacity MBT Vater flow rate system side gp Pressure drop system side ft H Heating capacity MBT Vater flow rate system side gp Pressure drop system side ft H Cooling performances 44.6 °F / 53.6 Cooling capacity MBT iensible cooling capacity MBT Vater flow rate system side gp Pressure drop system side gp Pressure drop system side gp Pressure drop system side gp	L (1) h 18.0 n 2,0 0 6,10 (2) h/h 8.9 n 2,0 0 1,70 °F (3) l/h 9.1 l/h 6.6 n 2,0	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9	1 L 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7	F 1 L 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0 16.1	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6	3 F 588 6, 4, 6, 299 6, 4, 8 299 6, 199 6,
Power supply leating performance 158 °F / 140 ° leating capacity MBT Water flow rate system side gp Pressure drop system side ft H leating capacity MBT Water flow rate system side gp Pressure drop system side ft H Cooling performances 44.6 °F / 53.6 Cooling capacity MBT vater flow rate system side gp Pressure drop system side ft H Cooling capacity MBT Vater flow rate system side gp Pressure drop system side ft H Cooling capacity MBT Vater flow rate system side ft H Cooling capacity MBT Vater flow rate system side ft H Cooling capacity ft H Cooling	L (1) 1/h 18.0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2	1 L 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40	F 1 L 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0 16.1 4,6	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5	3 F 588 6, 4, 6, 299 6, 4, 8 299 6, 199 6,
Power supply	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2	1 L 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr	F 1 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0 16.1 4,6	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5	3 F 588 6, 4, 6, 299 6, 4, 8 299 6, 199 6,
Power supply         Leating performance 158 °F / 140 °         leating capacity       MBT         Water flow rate system side       gp         Pressure drop system side       ft H         Leating capacity       MBT         Vater flow rate system side       ft H         Leating performance 113 °F / 104 °       Heating capacity         Vater flow rate system side       gp         Pressure drop system side       ft H         Cooling performances 44.6 °F / 53.6       Cooling capacity         Vater flow rate system side       gp         Pressure drop system side       ft H         Cooling capacity       MBT         Vater flow rate system side       gp         Yressure drop system side       ft H         Suble cooling capacity       MBT         Yater flow rate system side       ft H         Sample       gp         Yater flow rate system side       ft H         Sample       gp         Yater flow rate system side       ft H         Sample       <	L (1) 1/h 18.0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2	1 L 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr	F 1 L 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00	3 H 42.7 4,7 2,90 21.9 4,8 2,50 21.0 16.1 4,6	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20	3 F 588 6, 4, 6, 299 6, 4, 8 299 6, 199 6,
Power supply         leating performance 158 °F / 140 °         leating capacity       MBT         vater flow rate system side       gp         ressure drop system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         cooling performance 113 °F / 104 °         vater flow rate system side       ft H         cooling performances 44.6 °F / 53.6         cooling capacity       MBT         vater flow rate system side       gp         ressure drop system side       ft H         souling capacity       MBT         vater flow rate system side       gp         ressure drop system side       ft H         an       ype       typ         ype       typ         umbor       no	L (1) 1/h 18.0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2,8 3,20	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3	P 3 4 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve	F 1 2 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.50 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3,8	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20	3 58 6, 4,¢ 29 6, 4, 29 19 6, 4,2
Power supply         leating performance 158 °F / 140 °         leating capacity       MBT         vater flow rate system side       gp         ressure drop system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         cooling performance 113 °F / 104 °         vater flow rate system side       ft H         cooling performances 44.6 °F / 53.6         cooling capacity       MBT         vater flow rate system side       gp         ressure drop system side       ft H         an motor       typ         lumber       nw         ir flow rate       cfi	L (1) 1/h 18.0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1,90	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 2 353	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 3 547	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 18.8 14.7 4,2 4,40 Centr Inve 671	F 1 1 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 412	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 3 547	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20 671	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 4,4	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 3 547	3 588 6, 4, 6, 299 6, 4, 8 299 19 6, 4, 4, 8 67
Power supply         Leating performance 158 °F / 140 °         leating capacity       MBT         Vater flow rate system side       gp         pressure drop system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         leating capacity       MBT         Vater flow rate system side       gp         ressure drop system side       ft H         cooling capacity       MBT         vater flow rate system side       ft H         cooling capacity       MBT         vater flow rate system side       ft H         cooling capacity       MBT         vater flow rate system side       ft H         ian       gp         vype       tyj         an motor       tyj         lumber       nw         ir flow rate       cfi         nput power       V	L (1) 1/h 18.0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1,90	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2,8 3,20	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3	P 3 4 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve	F 1 2 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.50 1,50 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3,8	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20	3 588 6, 4, 6, 299 6, 4, 8 299 19 6, 4, 4, 8 67
Power supply         Heating performance 158 °F / 140 °         Ieating capacity       MBT         Vater flow rate system side       ft H         Heating capacity       MBT         Vater flow rate system side       ft H         Heating performance 113 °F / 104 °       MBT         Vater flow rate system side       gp         Yressure drop system side       ft H         Cooling performances 44.6 °F / 53.6       fooling capacity         Water flow rate system side       gp         Yressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Yressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Yressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Yater flow rate system side       gp         Yater flow rate       ft H         Gooling capacity       MBT         Yater flow rate       cft         Gooling capower       V         Gooling capower       V	L (1) 1/h 18.0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e n 235 7	2 M 24.9 2,8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 424 31	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80	F 1 1 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.5 1,50 14.5 1,50 1	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20 671 80	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40	3 588 6, 4, 6 7 29 6, 4, 8 29 19 6, 4, 4, 6 7 8
Power supply         Heating performance 158 °F / 140 °         Ieating capacity       MBT         Vater flow rate system side       ft H         Heating capacity       MBT         Vater flow rate system side       ft H         Heating performance 113 °F / 104 °       MBT         Vater flow rate system side       ft H         Leating capacity       MBT         Vater flow rate system side       ft H         Cooling performances 44.6 °F / 53.6       fooling capacity         Vater flow rate system side       gp         Pressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Pressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       ft H         Gan motor       typ         Iumber       ne         fir How rate       cfi         nput power       V         Gan coil sound data (4)       Goolup ower level	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1 1,235 7 1,42,0 4,20 1,20	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18 51,0	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7 42,0	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18 51,0	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 4,10 4,24 31 56,0	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30 50,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40 57,0	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80 62,0	F 1 1 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 1,50 412 30 50,0	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40 57,0	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80 62,0	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30 51,0	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40 57,0	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20  671 80 62,0	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30 51,0	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40 57,0	3 588 6, 4, 4, 4, 299 6, 4, 4, 4, 4, 4, 4, 4, 67 88 62
Power supply         Heating performance 158 °F / 140 °         Heating capacity       MBT         Vater flow rate system side       ft H         Heating capacity       MBT         Vater flow rate system side       ft H         Heating performance 113 °F / 104 °       ressure drop system side         Vater flow rate system side       ft H         Fooling performances 44.6 °F / 53.6       fooling capacity         Vater flow rate system side       gp         Pressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Pressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Ype       typ         Yuber       motor         tir flow rate       cfi         nout power       V         Can coil sound data (4)       Goound power level         Goound pressure       dB	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1 1,235 7 1,42,0 4,20 1,20	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18 51,0	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 424 31	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80	F 1 1 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.50 1,50 14.50 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20 671 80	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40	3 588 6, 4, 4, 4, 299 6, 4, 4, 4, 4, 4, 4, 4, 67 88 62
Power supply         Leating performance 158 °F / 140 °         leating capacity       MBT         Vater flow rate system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         leating performance 113 °F / 104 °       MBT         Vater flow rate system side       ft H         leating capacity       MBT         Vater flow rate system side       ft H         cooling performances 44.6 °F / 53.6       cooling capacity         Vater flow rate system side       ft H         cooling capacity       MBT         vater flow rate system side       ft H         iooling capacity       MBT         vater flow rate system side       ft H         ian       gp         vype       tyj         in motor       tyj         lumber       ne         in flow rate       cfi         nout power       V         ca nocil sound data (4)       ound power level       dBi         ound pressure       dBi         viametre hydraulic fittings       tater	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1 1,90 (1,	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18 51,0	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7 42,0	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18 51,0	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 4,10 4,24 31 56,0	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30 50,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40 57,0	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80 62,0 54,0	F 1 1 31.1 3,4 1,60 15.4 3,5 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 14.6 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40 57,0	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80 62,0	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30 51,0	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40 57,0	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20  671 80 62,0	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30 51,0	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40 57,0	3 588 6, 4, 4, 4, 299 6, 4, 4, 4, 4, 4, 4, 4, 67 88 62
Power supply  Heating performance 158 °F / 140 ° Heating capacity MBT Nater flow rate system side ft H Heating capacity MBT Ater flow rate system side ft H Ater flow rate system side ft H Cooling capacity MBT Nater flow rate system side ft H Cooling capacity MBT Nater flow rate system side ft H San Sype ty San motor ty San coil sound data (4) Siound poesure dBB Diametre hydraulic fittings Main coil 6	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1 1,90 (1,	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18 51,0	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7 42,0	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18 51,0	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 4,10 4,24 31 56,0	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30 50,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40 57,0	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,2 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80 62,0 54,0	F 1 1 31.1 3,4 1,60 15.4 3,5 1,50 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 1,50 412 30 50,0	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40 57,0	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80 62,0	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30 51,0	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40 57,0	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20  671 80 62,0	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30 51,0	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40 57,0	3 H 588 6, 4, 6 299 6, 4, 29 19 19 6, 4, 29 19 6, 6, 67 80 62
Power supply         Heating performance 158 °F / 140 °         Ieating capacity       MBT         Water flow rate system side       ft H         Heating capacity       MBT         Vater flow rate system side       ft H         Heating performance 113 °F / 104 °       MBT         Vater flow rate system side       gp         Yater flow rate system side       ft H         Cooling performances 44.6 °F / 53.6       fooling capacity         Water flow rate system side       gp         Yressure drop system side       ft H         Gooling capacity       MBT         Vater flow rate system side       gp         Yater flow rate system side       ft H         Gooling capacity       MBT         Vater flow rate       cfi         Gool op ower       V         Gool op ower level       dBi         Goound pressure       dBi         Goound pressure       dBi         Goound pressure       dBi         Stametre hydraulic fittings       dBi <td>L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1 1,90 (1,</td> <td>2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18 51,0</td> <td>3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20 4,20</td> <td>1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7 42,0</td> <td>2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18 51,0</td> <td>3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 4,10 4,24 31 56,0</td> <td>1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30 50,0</td> <td>2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40 57,0</td> <td>P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80 62,0 54,0 3/</td> <td>F 1 1 31.1 3,4 1,60 15.4 3,5 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 14.6 1,50</td> <td>2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40 57,0</td> <td>3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80 62,0</td> <td>1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30 51,0</td> <td>2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40 57,0</td> <td>3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20  671 80 62,0</td> <td>1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30 51,0</td> <td>2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40 57,0</td> <td>P 3 H 588.6,6,6 4,6 299. 6,5,4 299. 199. 6,5,4 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5</td>	L (1) 1/h 18.0 n 2,0 0 6,10 (2) 1/h 8.9 n 2,0 0 1,70 °F (3) 1/h 9.1 1/h 6.6 n 2,0 0 1,90 e e e 1 1,90 (1,	2 M 24.9 2.8 6,10 12.4 2,8 3,00 12.6 9.3 2,8 3,20 2 2 353 18 51,0	3 H 29.0 3,2 6,10 14.4 3,2 4,10 14.5 10.9 3,2 4,20 4,20 4,20	1 19.9 2,2 2,00 9.9 2,2 1,50 9.9 7.1 2,2 1,60 235 7 42,0	2 M 28.5 3,2 3,60 14.1 3,2 2,80 14.1 10.2 3,1 3,00 2 353 18 51,0	3 H 33.3 3,7 4,80 16.5 3,7 3,60 16.3 11.9 3,6 4,10 4,10 4,24 31 56,0	1 L 27.6 3,1 3,00 13.8 3,1 2,30 13.4 10.2 3,0 2,30 2,30 412 30 50,0	2 M 33.4 3,7 4,40 16.6 3,7 3,30 16.7 12.8 3,7 3,50 3 547 40 57,0	P 3 H 37.5 4,2 5,40 18.7 4,2 4,20 18.8 14.7 4,20 18.8 14.7 4,2 4,40 Centr Inve 671 80 62,0 54,0 3/	F 1 1 31.1 3,4 1,60 15.4 3,5 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 14.6 10.9 3,2 1,50 14.6 1,50	2 M 38.6 4,3 2,30 19.2 4,3 2,00 18.2 13.8 4,0 2,00 3 547 40 57,0	3 H 42.7 2,90 21.9 4,8 2,50 21.0 16.1 4,6 2,60 671 80 62,0	1 L 36.7 4,2 1,60 18.3 4,1 1,70 14.6 10.1 3,2 1,30 412 30 51,0	2 M 45.6 5,2 2,30 22.7 5,1 2,50 17.1 12.9 3,8 1,70 3 3 547 40 57,0	3 H 51.7 5,8 3,00 25.7 5,8 3,00 23.6 19.4 5,2 3,20  671 80 62,0	1 L 38.2 4,3 2,20 19.0 4,3 2,20 19.7 13.0 4,4 2,20 412 30 51,0	2 M 49.2 5,7 3,30 24.5 5,5 3,50 25.0 16.6 5,5 3,20 3 547 40 57,0	P 3 H 588.6,6,6 4,6 299. 6,5,4 299. 199. 6,5,4 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5

(1) Room air temperature 68 °F d.b.; Water (in/out) 158 °F/140 °F
(2) Room air temperature 68 °F b.s.; Water (in/out) 113 °F/104 °F
(3) Room air temperature 80.6 °F b.s./66.2 °F b.u.; Water (in/out) 44.6 °F/53.6 °F
(4) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

		FCZI201EUP		FCZI301EUP			FCZI401EUP			FCZI501EUP		FCZI701EUP			FCZI901EUP				
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	H	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 149 °	F / 131 °F (1)																		
Heating capacity	MBTU/h	3.5	4.6	5.5	6.1	7.4	8.7	7.5	9.0	10.6	8.8	11.4	12.7	12.5	14.6	16.9	16.1	19.2	19.5
Water flow rate system side	gpm	0,4	0,5	0,6	0,7	0,8	1,0	0,8	1,0	1,2	1,0	1,3	1,4	1,4	1,7	1,9	1,8	2,2	2,2
Pressure drop system side	ft H <sub>2</sub> 0	1,50	2,49	3,39	4,75	6,73	8,91	1,42	2,10	2,83	1,76	2,78	3,39	3,63	4,83	6,23	2,86	3,90	4,02
<b>Cooling performances 44.6</b>	°F / 53.6 °F (2	2)																	
Cooling capacity	MBTU/h	3.0	4.4	5.5	5.7	7.4	9.0	7.5	10.0	12.3	9.1	12.6	14.5	13.4	16.7	18.8	14.6	17.1	23.6
Sensible cooling capacity	MBTU/h	2.4	3.6	4.5	4.3	5.6	7.0	5.4	7.3	9.1	6.6	9.3	10.9	10.2	12.8	14.7	10.1	12.9	19.4
Water flow rate system side	gpm	0,7	1,0	1,2	1,3	1,6	2,0	1,7	2,2	2,7	2,0	2,8	3,2	3,0	3,7	4,2	3,2	3,8	5,2
Pressure drop system side	ft H₂0	0,90	1,70	2,60	1,20	1,70	2,60	1,50	2,30	3,50	1,90	3,20	4,20	2,30	3,50	4,40	1,30	1,70	3,20
Fan																			
Туре	type									Centr	ifugal								
Fan motor	type										-								
Number	no.		1			2			2			2			3			3	
Air flow rate	cfm	82	129	171	153	206	265	194	271	353	235	353	424	412	547	671	412	547	671
Input power	W	7	8	14	5	7	13	5	10	18	7	18	31	30	40	80	30	40	80
<b>Diametre hydraulic fittings</b>																			
Туре	type										-								
Main coil	Ø									1/	2″								
Secondary coil	Ø		1/2″			3/4″			3/4″			3/4″			3/4″			3/4″	
Fan coil sound data (3)																			
Sound power level	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	50,0	57,0	62,0	51,0	57,0	62,0
Sound pressure	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	42,0	49,0	54,0	43,0	49,0	54,0
Power supply																			
Power supply										110-240	V~60Hz								

Room air temperature 68 °F d.b.; Water (in/out) 149 °F/131 °F
 Room air temperature 80.6 °F b.s./66.2 °F b.u.; Water (in/out) 44.6 °F/53.6 °F
 Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

# DIMENSIONS



		FCZI200EUP	FCZ1250EUP	FCZI300EUP	FCZI350EUP	FCZI400EUP	FCZI450EUP
Dimensions and weights							
A	in	9	9	9	9	9	9
В	in	21	21	30	30	38	38
C	in	18	18	18	18	18	18
D	in	22,0	22,0	31,0	31,0	40,0	40,0
		FCZ1500EUP	FCZI550EUP	FCZI700EUP	FCZI750EUP	FCZI900EUP	FCZ1950EUP
Dimensions and weights							
A	in	9	9	9	9	9	9
В	in	38	38	44	44	44	44
C	in	18	18	18	18	22	22
D	in	40,0	40,0	45,0	45,0	45,0	45,0
		FCZI201EUP	FCZI301EUP	FCZI401EUP	FCZI501EUP	FCZI701EUP	FCZI901EUP
Dimensions and weights							
A	in				9		
В	in	21	30	3	38	4	4
C	in			18			22
D	in	22,0	31,0	40,0	40,0	45,0	45,0

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