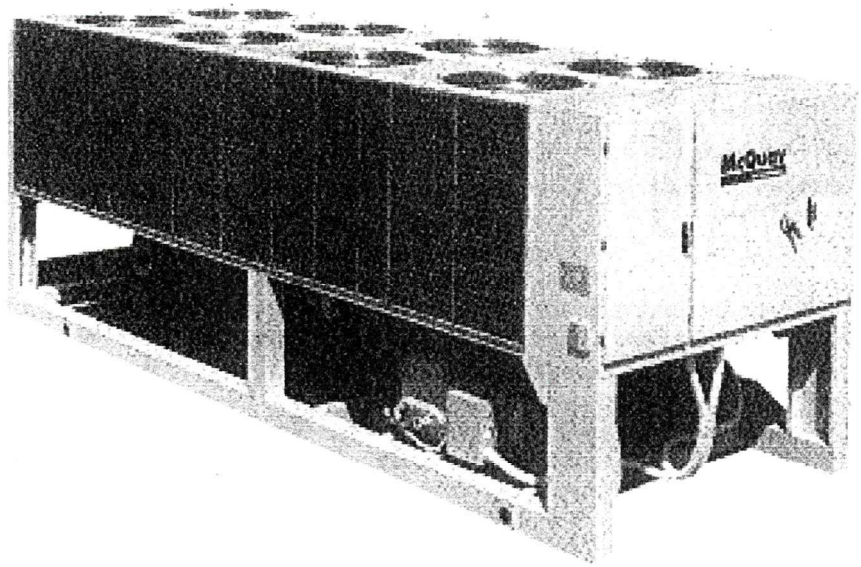
MHP 120.2÷215.2

- Cooling capacity from 395 to 677 kW
- Heating capacity from 426 to 746 kW
- McQuay semihermetic reciprocating compressors
- High efficiency condensing coils
- BMS interfacing microprocessor control
- Shell and tube heat exchanger with separated gas circuits
- HFC 407C ecological refrigerant
- Low sound pressure levels

RECIPROCATING COMPRESSORS



HFC 407 C
refrigerante ecologico

3 cartuchos 3H48

Options

- Partial heat recovery
- Low noise and extra low noise versions
- Fan speed regulator
- CU - CU condensing coils against corrosion by aggressive environments

Sound pressure levels*

- Standard version 82,5 dBA
- Low noise version 79,5 dBA
- Extra low noise version 74,0 dBA

* Sound pressure level rated in accordance to ISO 3744, free field conditions; 1 mt. distance.

MHP 120.2 ÷ 215.2 are equiped by the famous and technologicaly advanced McQuay reciprocating compressor and represent a mix of tradition and innovation.
Lowest sound pressure levels indicate McQuay success on acoustic solutions.

Physical data

Unit size MHP (ST)	Cooling capacity (kW)*	Power input (kW)*	Heating capacity (kW)**	Power input (kW)**	Length x Width x Height (mm)
120.2	395,6	136,7	426,8	119,1	5040 x 2230 x 2350
135.2	435,7	151,7	480,7	133,8	5040 x 2230 x 2350
145.2	476,4	163,0	519,9	145,2	5040 x 2230 x 2350
161.2	501,4	182,5	559,1	156,6	5040 x 2230 x 2350
171.2	552,5	189,0	600,2	167,5	5040 x 2230 x 2350
185.2	587,9	203,4	641,3	178,4	5040 x 2230 x 2350
200.2	628,8	218,6	693,7	193,6	6100 x 2230 x 2350
215.2	677,8	233,5	746,0	208,8	6100 x 2230 x 2350

* 12/7° C leaving water temperature ; 35° C ambient temperature.** 40/45° C hot water temperature; 7° C ambient temperature. / HFC 407C refrigerant

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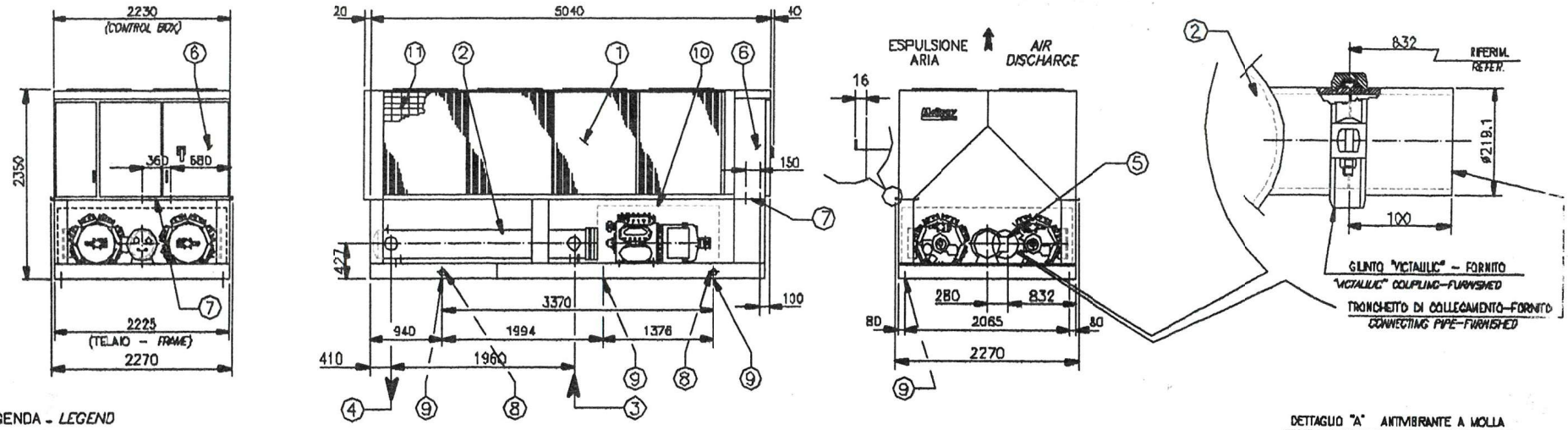
Denominazione / Identification

DIMENSIONI MHP 145-161 R22 / R407c

DIMENSIONS MHP 145-161 R22 / R407c

Dis./Drg.	Codice / Part. No.	Rev.
F.G.	MHP145-161 R22/R407c	A
Ver./Check	Data / Date	Scala-Scale
A.S.	05-08-1998	--
Appr./Passed		Foglio-Sheet 1/1

Rev.	Data Date	Modifica Alteration	Dis.	Check	Passed
A	05-08-03	Agg. mod. Freon-Ant. molle			



LEGENDA - *LEGEND*

1 BATTERIA CONDENSANTE
CONDENSER COIL

2 EVAPORATORE
EVAPORATOR

3 ENTRATA ACQUA EVAPORATORE
EVAPORATOR WATER INLET

4 USCITA ACQUA EVAPORATORE
EVAPORATOR WATER OUTLET

5 CONNESSIONI EVAPORATORE 8" VICTAULIC PER TUBO ø219.1
8" VICTAULIC CONNECTIONS FOR 219.1 O.D. TUBE

6 PANNELLO DI COMANDO E CONTROLLO
OPERATING AND CONTROL PANEL

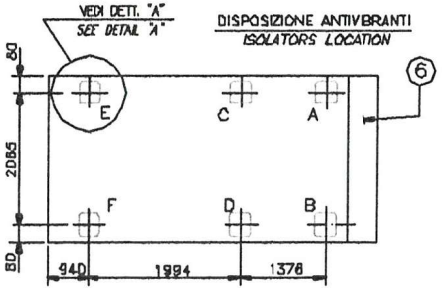
7 ASOLA 360x150 INGRESSO ALIMENTAZIONE PANNELLO COMANDO E CONTROLLO
360x150 SLOT FOR POWER AND CONTROL PANEL CONNECTION

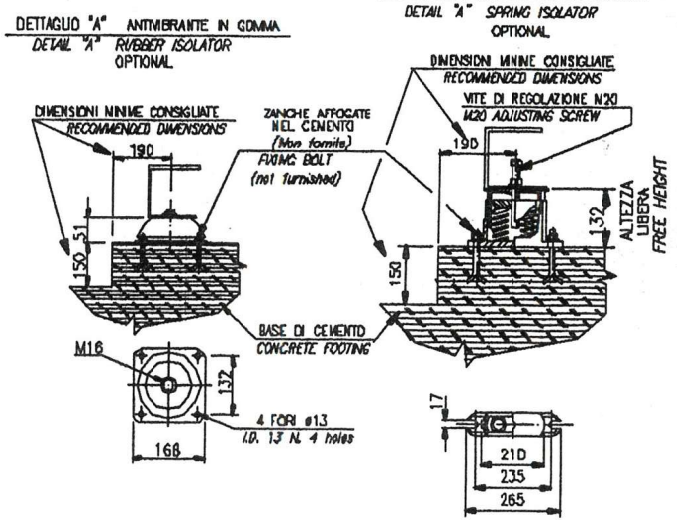
8 4 FORI ø90 PER SOLLEVAMENTO UNITA
4 LIFTING HOLES 90 mm DIA.

9 8 FORI ø25 PER MONTAGGIO ANTIVIBRANTI
8 ISOLATOR MOUNTING HOLES 25 mm DIA.

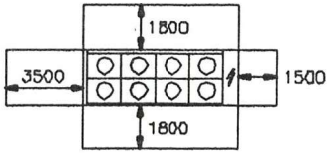
10 CABINA INSONORIZZANTE COMPRESSORI (Std. SU VERSIONE "CN" e "LN")
COMPRESSOR ENCLOSURE (Std. on "CN" and "LN" VERSION)

11 GRIGLIE PROTEZIONE BATTERIE (OPTIONAL)
COIL PROTECTION GUARDS (OPTIONAL)





VERSIONE *VERSION*	TIPO CONDENSATORE *CONDENSER TYPE*		PESO-*WEIGHT* KG SPEDIZIONE *SHIPPING*	PESO-*WEIGHT* KG FUNZIONAM. *OPERATING*	CARICHI ANTIVIBRANTI *ISOLATORS LOAD* KG A	B	C	D	E	F
ST	ALLUMINIO *ALUMINIUM* / ACRYLIC COATED		4400	4562	842	842	804	804	635	635
CN-LN	ALLUMINIO *ALUMINIUM* / ACRYLIC COATED		4700	4862	902	902	864	864	865	865
ST	ANTIVIBRANTI IN GOMMA *RUBBER ISOLATORS*	MODELLO (Q/Ta) *TYPE (Q/Ta)*	786011-h (4 Pz.)						786011-m (2 Pz.)	
CN-LN	ANTIVIBRANTI A MOLLA *SPRING ISOLATORS*	MODELLO (Q/Ta) *TYPE (Q/Ta)*	LAAV231 K38 (6Pz.)							
		COLORE MOLLE *SPRINGS COLOUR*	NERO *BLACK*							



DISPOSIZIONE VENTILATORI E SPAZIO MINIMO NECESSARIO PER MANUTENZIONE E PASSAGGIO ARIA

FAN ARRANGEMENTS AND MINIMUM CLEARANCE REQUIREMENTS

DISEGNATO AL CAD - VIETATO APPORTARE MODIFICHE A MANO/DRAWING BY CAD - DO NOT MANUALLY MODIFY THIS DRAWING