

CRYOMECH

PT415

Performance Data

Customer Purchase Order: 17-129

Cryomech Work Order: 29812

Cold Head Serial Number: CH40415Y09-180117A

Compressor Serial Number: CPA1110W2FNCE-180111A

1 st Stage		2 nd Stage		Compressor	
Temperature (K)	Cooling Power (W)	Temperature (K)	Cooling Power (W)	High Pressure (PSIG)	Low Pressure (PSIG)
315.0	0.0	315.0	0.00	250	250
28.0	0.0	2.65	0.00	307	115
45.0	48.1	4.20	1.75	321	107
28.8	0.0	4.20	1.50	310	115
45.0	59.4	2.60	0.00	320	107

Specifications

Volts: 380/415

Hertz: 50

Phase: 3

Static Pressure: 250 PSIG (low pressure gauge)

Certified Performance

0W <2.8K

1.5W @ 4.2K with 40W @ 45K

Authorized Signatures

Test Technician: 

Date: 1-31-2018

Quality Control: 

Date: 1/31/2018

113 Falso Drive, Syracuse, NY 13211 USA
315.455.2555 v 315.455.2544 f cryosales@cryomech.com www.cryomech.com

PACKING LIST

CRYOMECH

113 Falso Drive – Syracuse, NY 13211 U.S.A.
Tel: 315-455-2555 Fax: 455-2544
www.Cryomech.com

SHIP DATE: February 21, 2018
CRYOMECH ORDER NO.: 29812
CUSTOMER ORDER NO.: 17-129
SHIPPED VIA: American Cargo Express

Ship To:

Cryoandmore Budzylek GbR
FuggerstraBe 9a
D-41468 Neuss, Germany
Attn: Christian Budzylek
Tel: 49 0 21 82 60 80 4
E-mail: Christian@cryoandmore.de

CONTAINER NO.: 1 of 2
WEIGHT: 273 lbs
DIMENSIONS: 69" x 43" x 36"

Description

√

(1) PT415 Reliquefier

CPN: HeRL15

Reliquifier Cryostat Assembly

✓ (1) CHPT415 Cold Head ⁰
S/N: CH40415Y09-18117A **180117A**
Mounted inside Reliquefier Assembly

CPN: CH40415Y09

- ✓ (1) Performance Data Sheet for PT415
- ✓ (1) Performance Data Sheet for PT415 Reliquefier
- ✓ (1) Calibration CD

*checked
13/3/18
David Atkins*

JW 2-21-18

CRYOMECH

PT415 Reliquefier Performance Data

Customer Purchase Order: 17-129

Cryomech Work Order: 29812

Reliquefier SN: HeRL15-180117A

Compressor Serial Number: CPA1110W2FNCE-180111A

	Capacity	Vapor Pressure (psig)
Liquefaction Rate (from room temp)	19.23 L/Day	1.15
Re-liquefaction capacity	0.85 W at 4.2 K	1.03

Specifications

Volts: 380/415

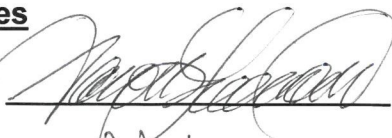
Hertz: 50

Phase: 3

Static Pressure: 250 PSIG (low pressure gauge)

Authorized Signatures

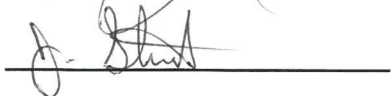
Test Technician:



Date:

2-19-18

Quality Control:



Date:

2/19/2018

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CRYOMECH

PT415 Reliquefier Performance Data

Customer Purchase Order: 17-129

Cryomech Work Order: 29812

Reliquefier SN: HeRL15-180117A

Compressor Serial Number: CPA1110W2FNCE-180111A

	Capacity	Vapor Pressure (psig)
Liquefaction Rate (from room temp)	19.23 L/Day	1.15
Re-liquefaction capacity	0.85 W at 4.2 K	1.03

Specifications

Volts: 380/415

Hertz: 50

Phase: 3

Static Pressure: 250 PSIG (low pressure gauge)

Authorized Signatures

Test Technician:



Date:

2-19-18

Quality Control:



Date:

2/19/2018

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