# Proposal

### License #:

## BOSTON DISTRICT

To: Charles Aspinwall

Town Administrator

Millis Memorial Building

900 Main Street

Millis Ma

Phone: 508-376-7040

Email: caspinwall@millis.net

Model: ALSO80A

Date: June 7, 2012

Site Name: Veterans Memorial Building

Description: Replace compressor with main

bearing damage

Proposal #: SR-TCB060712A

McQuay Factory Service respectfully submits the following solution for your review and approval:

We will provide labor and materials to perform the following:

isolate and remove damaged compressor.

Supply & install manufacturer's replacement compressor

Provide refrigerant test to calculate oil requirements.

Supply and install required oil charge determined from oil calculation testing

Up-date software to latest version for A vintage screw

Provide service kit for compressor connections

Provide all rigging required for installation.

Evacuate and return recovered gas and provide leak test on chiller

Start and test operation of compressor.

Take and record snapshot of operating conditions including configuration and EXV positioning.

Provide snapshot of superheat tracking and alarm setpoints

Discuss operation with owner.

Feel free to contact me if you have any questions or concerns regarding the information contained in this proposal. If you would like us to proceed with the solution presented above, sign the acceptance line below (including PO# if applicable) and return a copy by fax or mail so that we can begin to mobilize our efforts to complete the project as quickly as possible. We appreciate the opportunity to provide you with this solution and look forward to working with you on this and other projects in the future.

Sincerely, McQuay Factory Service

Thomas Burke Service Sales Engineer Ph: 781-793-7823 ext.106 Fax: 781-793-7827 Email:tom.burke@mcquay.com

> **Boston Service** 6 Merchant Street, Unit 1 Sharon, MA 02067 Phone (781) 793-7823 Fax (781) 793-7827

Proposal
oil Return problem



也是是**是一个人,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的** 

	BOSTON DISTRICT	
Exceptions/Exclusions:		
This proposal expires on: July 7, 2012		
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Investment Amount and Billing Terms:		
Total Investment Required	to Implement the Proposed Solution	
\$26,225.00 Twenty Six Thousand, 1	wo Hundred and Twenty Five Dollars00/100	
Billing/Payment Terms*: *All billings are due immediately upon receipt	Billed In full, upon completion	
Pricing and acceptance are based upon the Terms and Conditions which are atta	ohed.	
This proposal is being submitted by McQuay International (hereinafter also referre	ad to as "McQuay Factory Service".)	
Associated Dec		
Accepted By: Millis Memorial Building	Submitted By:	
	McQuay Factory Service	
Charles Aspinwall (Full Legal Name of Customer)	Thomas Burke (Full Legal Name of McQuay Factory Service Representative)	
	(	
	D. B.	
(Signature)	(Signature)	
Taire Administrator		
Town Administrator	Service Sales Engineer	
Dale:	Date: June 7, 2012	
Customer PO # :	David will the Other Telephone and	
Section ( O F )	Proposal # SR-TCB060712A	
Boston Service		

Boston Service 6 Merchant Street; Unit 1. Sharon, MA 02067 Phone (781) 793-7823 Fax (781) 793-7827



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## Proposal

#### License #:

## BOSTON DISTRICT

To: Charles Aspinwall

Town Administrator

Millis Memorial Building

900 Main Street

Millis Ma

Phone: 508-376-7040

Email: caspinwall@millis.net

Model: ALSO80A

Date: June 7, 2012

Site Name: Veterans Memorial Building

Description: Replace Compressor with CEK &

Starter Upgrade

Proposal #: SR-TCB060712B

McQuay Factory Service respectfully submits the following solution for your review and approval:

We will provide labor and materials to perform the following:

Isolate and remove damaged compressor.

Supply & install manufacturer's replacement compressor

Supply and install new solid state starter.

> Supply and Install CEK Oil Injection Kit.

Provide refrigerant test to calculate oil requirements.

Supply and install required oil charge determined from oil calculation testing

> Up-date software to latest version for A vintage screw

> Provide service kit for compressor connections

Provide all rigging required for installation.

Evacuate and return recovered gas and provide leak test on chiller

Start and test operation of compressor.

> Take and record snapshot of operating conditions including configuration and EXV positioning.

Provide snapshot of superheat tracking and alarm setpoints

> Discuss operation with owner.

Feel free to contact me if you have any questions or concerns regarding the information contained in this proposal. If you would like us to proceed with the solution presented above, sign the acceptance line below (including PO# if applicable) and return a copy by fax or mail so that we can begin to mobilize our efforts to complete the project as quickly as possible. We appreciate the opportunity to provide you with this solution and look forward to working with you on this and other projects in the future.

Sincerely, McQuay Factory Service

Thomas Burke, Service Sales Engineer Ph: 781-793-7823, ext.106 Fax: 781-793-7827 Email:tom.burke@moquay.com

> Boston Service 6 Merchant Street; Unit 1 Sharon, MA 02067 Phone (781) 793-7823 Fax (781) 793-7827

Proposal



。 "我们是是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人

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Sharon, MA 02067 Phone (781) 793-7823 Fax (781) 793-7827



Jennifer,

The difference between the two proposes is "A" is strictly replacing the chiller compressor which is an one to one replacement. Option "B" replacing the compressor and adds an compressor oil injection kit which helps protect the chiller during periods of low AC loads and starting /stopping the compressors. (spring & Fall)

Option "B" cost is about 75% greater than option "A". The chiller is about 15 years old with maybe 10 years of service life left.

Option "B" equates to about \$2,000 per year more for 10 years over option "A".

Given a new chiller is over \$100,000.00 | would recommend Option "B" this would help prevent further compressor failures.

Todd M Mason P.E. MTE Engineering LLC 781-329-7700